

\\\ gul mkerdis romel i fascia uqmnis kafsul as sarZeve j irkval s?  
\\ gul mkerdis sakuTari fascia  
\\ zedapirul i  
\\ mkerd-l aviwis  
\\ gul mkerdis SigniTa

\\\ sad mdebareobs zorgiuisis I imfuri kvanZi?  
\\ I aviwis qveS mkerd-l aviw-dvriil iseabri kunTis ukan  
\\ mkerdis SigniTa arteriis gayol ebaze  
\\ iRI iis fosos centrSi  
\\ mkerdis didi kunTis qveda kidis qveS III neknis doneze

\\\ romel ganakveTebis iyeneben Cirqovani mastitebis dros?  
\\ radial urs da rkal ovans  
\\ rkal ovans da gaswvriis  
\\ j varedins da gaswvriis  
\\ gaswvriis da ganivis

\\\ romel warmonaqmnebs amokveTen ZuZusTan erTad radikal uri masteqtomiis dros:  
\\ mkerdis did kunTs da beWqveSa SemaerTebel qsovil s I imfur kvanZebTan erTad  
\\ mkerdis did kunTs, mkerdis mcire kunTs da beWqveSa SemaerTebel qsovil s I imfur kvanZebTan erTad  
\\ mkerdis did da mcire kunTebis, iRI iis, I aviwqveSa da beWqveSa SemaerTebel qsovil sa da I imfur kvanZebis  
\\ kans, kanqveSa cximovan qsovil s da sakuTar fascias

\\\ gul mkerdis kedl is romel SreSia ganl agebul i neknTaSua sisxl ZarRvebi da nervebi?  
\\ mkerdis fasciis qveS  
\\ neknTaSua kunTebis Soris  
\\ pl evris pariesul da viscerul furcl ebs Soris  
\\ zedapirul i fasciis qveS

\\\ romel arterias gamoeyofa gul mkerdis SigniTa arteria?  
\\ iRI iis  
\\ I aviwqveSa  
\\ saerTo saZil e  
\\ aortis rkal s

\\\ gul mkerdis kedl is romel SreSia moTavsebul i gul mkerdis SigniTa arteriis dasawyisi?  
\\ subpeqtoral ur qsovil Si  
\\ neknTaSua kunTebis Soris  
\\ neknTaSua kunTebisa da pariesul pl evras Soris  
\\ SigniTa neknTaSua kunTebisa da gul mkerdis SigniTa fascias Soris

\\ \\ \\ rogor mdebareobaSia avadmyofi pl evris punqciis dros?

\\ \\ wevs gverdze

\\ \\ wevs mucel ze

\\ \\ avadmyofi zis, xel i punqciis mxareze aweul i aqvs

\\ \\ naxevradmj domare, xel i punqciis mxareze daweul i aqvs

\\ \\ \\ neknis romel kideze xdeba Cxvl eta pl evris punqciis dros?

\\ \\ neknis zeda kideze

\\ \\ neknis qveda kideze

\\ \\ neknebs Soris

\\ \\ yvel a zemoT CamoTvl il adgil as

\\ \\ \\ romel neknTaSua sivrceSi keTdeba uxSiresad pl evris punqcia:

\\ \\ VII an VIII neknTaSua sivrceSi

\\ \\ I da II neknTaSua sivrceSi

\\ \\ XI da XII neknTaSua sivrceSi

\\ \\ IX da X neknTaSua sivrceSi

\\ \\ \\ rogor unda gamoviRoT pl evris Rrudan siTxe:

\\ \\ rac SeiZl eba swrafad

\\ \\ swrafad da 1 saatiani interval ebiT

\\ \\ nel a da nawil -nawil

\\ \\ siTxis nawil s gamoviRebT, xol o did nawil s davtovebT pl evris RruSi

\\ \\ \\ ramdeni unda iyos gamoRebul i siTxis raodenoba pl evris punqciis dros:

\\ \\ ar unda aRematebodes 1 l itrs

\\ \\ ar unda aRematebodes 2 l itrs

\\ \\ gamoviRebT 2,5 l itrs da gavagrZel ebT gamoRebas

\\ \\ ar unda aRematebodes 10 grams

\\ \\ \\ rogor keTdeba neknis tipuri rezeqcia:

\\ \\ neknis rezeqcia xdeba neknTaSua kunTebTan erTad

\\ \\ neknis rezeqcia xdeba neknTaSua sisxl ZarRvebis gadaskvnis Semdeg

\\ \\ neknis rezeqcia xdeba Zvl issazrdel asTan erTad

\\ \\ neknis rezeqcia keTdeba subperiostul ad

\\ \\ \\ sad avl eben kanis ganakveTs neknis rezeqciis dros:

\\ \\ sarezeqcio neknis qvemoT

\\ \\ sarezeqcio neknis zemoT 10 sm

\\ \\ sarezeqcio neknis gaswvri

\\ \\ neknis vertikal urad

\\ \\ \\ rogor ikveTeba Zvl isazrdel a neknis rezeqciis dros?

\\ \\ rkal ovani

\\ \\ sworxazovani

\\ \\ gani vi

\\ \\ h-magvari

\\ \\ gul mkerdis kedl is romel i anatomiuri Sre unda iyos dazianebul i, rom Wri l obas erqvas SeRweul i?

\\ \\ kani

\\ \\ kani da kanqveSa qsovil i

\\ \\ kani, kanqveSa qsovil i da kunTebi

\\ yvel a zemoT CamoTvl il i, gul mkerdis SigniTa fascia da pariesul i pl evra

\\ \\ \\ romel i Sre gamoyofs gul mkerdis kedel s gul mkerdis Rrusgan?

\\ \\ pariesul i pl evra

\\ \\ gul mkerdis SigniTa fascia

\\ \\ pl evriswina cximovani qsovil i

\\ \\ neknebi da nek nTaSua kunTebi

\\ \\ \\ ramdeni serozul i Rrua gul mkerdis RruSi?

\\ \\ erTi

\\ \\ ori

\\ \\ sami

\\ \\ oTxi

\\ \\ \\ romel geometriul figuras mogvagonebs marj vena da marcxena pariesul i pl evris wina sazRvari?

\\ \\ marTkuTxeds

\\ \\ samkuTxeds

\\ \\ ormxrivamozneqil l inzas

\\ \\ qviSis saatS

\\ \\ \\ romel i nekni s donezea pariesul i pl evris qveda sazRvari xerxeml is xazze?

\\ \\ me\_10 nekni s doneze

\\ \\ me\_12 nekndan 1,5sm-i T qvevi T

\\ \\ me\_11 nekni s qveda ki deze

\\ \\ me\_7-8 nekni s doneze

\\ \\ \\ pl evris sinusebidan romel ia yvel aze didi da Rrma?

\\ \\ marj vena SuasaZgid\_Suasayris

\\ \\ wina nek n-Suasayris

\\ \\ nek n\_SuasaZgidis

\\ \\ nek n\_Suasayris

\\ \\ \\ pnevmoToraqsis ra saxeebs icnobT?

\\ \\ Ria, daxurul i, sarqvl ovani

\\ \\ mxol od daxurul i

\\ \\ kombini rebul i da arakombini rebul i

\\ \\ spontanuri da gavrcel ebul i

\\ \\ \\ romel i saxi s pnevmoToraqsis dros aRini Sneba mZime cvl il ebebi?

\\ \\ Ria da sarqvl ovani

\\ \\ daxurul i da kombini rebul i

\\ \\ sarqvl ovani da gavrcel ebul i

\\ \\ spontanuri da kombini rebul i

\\ \\ ra mimarTul ebiT unda gafarTovdes gul mkerdis Wril oba misi  
pirvel adi qirurgiul i damuSavebisas?  
\\ \\ vertikal uri mimarTul ebiT  
\\ \\ horizontal uri mimarTul ebiT  
\\ \\ mimarTul ebas ara aqvs mniSvnel oba  
\\ \\ neknebis mimarTul ebiT

\\ \\ \\ ra mizniT keTdeba vago\_simpaTikuri bl okada gul mkerdis Wril obis  
dros?  
\\ \\ gautkivarebis  
\\ \\ hipoqsiis Sesamcirebl ad  
\\ \\ pl evro\_pul monuri Sokis Tavidan asacil ebl ad  
\\ \\ pnevmoniis profil aqtikisaTvis

\\ \\ \\ I rigis nakeriT romel i qsovil ebi ikereba Ria pnevmoToraqsis dros?  
\\ \\ pariesul i pl evra  
\\ \\ gul mkerdis yvel a kedel i  
\\ \\ gul mkerdis SigniTa fascia  
\\ \\ pariesul i pl evra, gul mkerdis SigniTa fascia, Zvl isazrdel a, neknTaSua  
kunTebi

\\ \\ \\ rogori SeiZl eba iyos gul mkerdis Rrus organoebTan operaciul i  
midgoma?  
\\ \\ eqstrapl evrul i da transpl evrul i  
\\ \\ mxol od transpl evrul i  
\\ \\ eqstraperitonul i  
\\ \\ transperitonul i

\\ \\ \\ rogoria ganakveTi wina-gverdiTi "tipuri" Torakotomiis dros?  
\\ \\ VII neknTaSua sivrcesi  
\\ \\ mkerdis Zvl is wina zedapirze  
\\ \\ parasternul xazze II nekndan III neknamde  
\\ \\ IV an V neknTaSua sivrcesi parasternul i xazidan iRI iis ukana xazamde

\\ \\ \\ rogoria ganakveTi ukana-gverdiTi Torakotomiis dros?  
\\ \\ iRI iis Sua xazze III nekndan V neknamde  
\\ \\ xerxeml is xazze III mal is wvetiani morCidan XII neknamde  
\\ \\ paravertebrul xazze III-V mal ebis wvetiani morCidan iRI iis wina xazamde  
\\ \\ paravertebrul xazze III-V mal ebis wvetiani morCidan neknTa rkal amde

\\ \\ \\ rod is iyeneben wina-gverdiT "tipur" Torakotomias?  
\\ \\ fil tvis wina nawil Tan midgomis dros  
\\ \\ fil tvis ukana nawil Tan midgomis dros  
\\ \\ fil tvis fesvTan midgomi saTvis  
\\ \\ yvel a pasuxi sworia

\\ \\ I areis wesiT gul is perangis Cxvl etis dros sad xorciel deba Cxvl eta  
\\ \\ mucl is swori kunTis zeda mesamedSi  
\\ \\ maxvil isebr morCsa da marj vena VII neknis xrtil is Soris mdebare  
kuTxeSi  
\\ \\ maxvil isebr morCsa da Wips Soris manZil is SuaSi  
\\ \\ maxvil isebr morCsa da marcxena VII neknis xrtil s Soris mdebare  
kuTxeSi

\\ \\ \\ rogor SeiZl eba ganxorciel des operaciul i Careva gul sa da msxvil  
sisxl ZarRvebze:  
\\ \\ eqstrapl evrul i da transpl evrul i midgomiT  
\\ \\ epigastriumis midamodan midgomiT  
\\ \\ beWisa da iRI iis wina xazebs Soris gavl ebul i ganakveTiT  
\\ \\ mediokl avikul ur xazze gavl ebul i vertikal uri ganakveTiT

\\ \\ \\ gul ze operaciul i Carevis dros rogor SeiZl eba ganxorciel des  
eqstrapl evrul i midgoma:  
\\ \\ gaswrvivi sternotomiIT  
\\ \\ epigastriumis midamodan midgomiT  
\\ \\ meoTxe neknTaSua sivrceSi gavl ebul i ganakveTiT  
\\ \\ meoTxe neknTaSua sivrceSi gavl ebul i ganakveTiT da sternotomiIT

\\ \\ \\ sad gatardeba ganakveTi gul ze transpl evrul i midgomis dros:  
\\ \\ marj vena III an IV neknTaSua sivrceSi  
\\ \\ marcxena III an IV neknTaSua sivrceSi  
\\ \\ marcxena IV an V neknTaSua sivrceSi  
\\ \\ marj vena VII neknTaSua sivrceSi

\\ \\ \\ romel i nemsiT keraven gul is Wril obas:  
\\ \\ samwaxnagiani nemsiT  
\\ \\ deSanis nemsiT  
\\ \\ reverdenis nemsiT  
\\ \\ atravmul i nemsiT

\\ \\ \\ ramdeni unda iyos daSoreba kvanZebS Soris gul is Wril obis gakervis  
dros:  
\\ \\ 2,5 sm  
\\ \\ 1 sm  
\\ \\ 1.5 sm  
\\ \\ 0.5 sm

\\ \\ \\ romel sakerav masal as iyeneben gul is Wril obis gasakerad:  
\\ \\ ketguts  
\\ \\ abreSums  
\\ \\ tantal is samagrebs  
\\ \\ cxenis Zuas

\\ \\ romel i mxridan ufro mizanSewonil ia operaciul i midgoma sayl apav mil Tan misi qveda nawil is rezeqciisaTvis da sad gatardeba ganakveTi:

\\ \\ marcxnidan X neknTaSua sivrceSi

\\ \\ marcxnidan VI-VII neknTaSua sivrceSi

\\ \\ marj vnidan II neknTaSua sivrceSi

\\ \\ X neknTaSua sivrceSi

\\ \\ \\ romel i mxridan ufro mosaxerxebel ia operaciul i midgoma sayl apav mil Tan misi zeda da Sua nawil ebis rezeqciisaTvis da sad gatardeba ganakveTi:

\\ \\ marcxena mxidan neknTa rkal is gaswvri v gavl ebul i ganakveTiT

\\ \\ marj vena mxridan, neknTa rkal is gaswvri v gavl ebul i ganakveTiT

\\ \\ marj vena mxridan II neknTaSua sivrceSi gavl ebul i ganakveTiT

\\ \\ marj vena mxridan V-VI neknTaSua sivrceSi gavl ebul i ganakveTiT

\\ \\ \\ rogori TanmimdevrobiT daamuSaveben fil tvis fesvis el ementeb pul moneqtomiis dros:

\\ \\ j er fil tvis arterias, Semdeg\_venebs, bol os\_bronqs

\\ \\ j er bronqs, Semdeg\_venebs, xol o Semdeg\_fil tvis arterias

\\ \\ j er arteriasa da venebs gadaskvni an erTad, Semdeg daamuSaveben bronqs

\\ \\ j er daamuSaveben fil tvis venebs, Semdeg\_bronqs, bol os\_arterias

\\ \\ \\ romel kunTs iyeneben gul mkerdis kedl is defeqtis daxurvisas mis zeda nawil Si?

\\ \\ zurgis uganieres da mkerd-l aviw-dvri l isebri kunTebi

\\ \\ wina dakbil ul kunTs

\\ \\ mkerdis didi da zurgis uganieres kunTeb

\\ \\ mkerdis mcire da mucl is swor kunTeb

\\ \\ \\ ramdeni wil ia marj vena fil tvSi?

\\ \\ ori

\\ \\ sami

\\ \\ oTxi

\\ \\ xuTi

\\ \\ \\ ramdeni wil ia marcxena fil tvSi?

\\ \\ ori

\\ \\ sami

\\ \\ oTxi

\\ \\ xuTi

\\ \\ \\ romel i el ementia marj vena fil tvis fesvSi yvel aze zemoT?

\\ \\ fil vis vena

\\ \\ fil tvis arteria

\\ \\ mTavari bronqi

\\ \\ diafragmis nervi

\\ \\ \\ romel i el ementia marcxena fil tvis fesvSi yvel aze zemoT?

\\ \\ fil tvis vena

\\ \\ mTavari bronqi

\\ \\ fil tvis arteria

\\ \\ diafragmis nervi

\\ \\ romel el ements ukavia wina-qveda mdebareoba marcxena da marj vena fil tvis fesvSi?

\\ \\ mTavari bronqi

\\ \\ fil tvis arteria

\\ \\ erT-erTi bronqul i arteria

\\ \\ fil tvis venebi

\\ \\ \\ ramdeni bronq-fil tvis segmentia marj vena da marcxena fil tvSi?

\\ \\ xuTi

\\ \\ eqvsi

\\ \\ aTi

\\ \\ rva

\\ \\ \\ romel i organoa wina da ukana Suasayris sazRvarze?

\\ \\ aorta

\\ \\ sayl apavi

\\ \\ sasul e da mTavari bronqebi

\\ \\ mkerdukana jirkval i

\\ \\ \\ ramdeni toti gamoeyofa aortis rkal s?

\\ \\ xuTi

\\ \\ ori

\\ \\ oTxi

\\ \\ sami

\\ \\ \\ romel i anatomiuri warmonaqmnebia zemo Rru venis marj vena mxares.

\\ \\ marj vena fil tvis fesvi, aortis rkal i

\\ \\ marj vena cTomil i nervi, marj vena simpaTikuri wvel i

\\ \\ marj vena diafragmis nervi, Suasayris pl evra da fil tvi

\\ \\ gul mkerdis sadinari, marj vena cTomil i nervi

\\ \\ \\ sad proecirdeba aswrvivi aortis dasawyisi nawil i?

\\ \\ marj vena I neknis xrtil is mkerdis Zval Tan mimagrebis adgil i

\\ \\ mkerdis Zvl is marj vena naxevarSi III neknTaSua sivrceSi

\\ \\ marcxena III neknis xrtil is mkerdis Zval Tan mimagrebis adgil i

\\ \\ mkerdis Zvl is marcxena IV neknis doneze

\\ \\ \\ romel i nervebia aortis rkal is wina marcxena zedapirze ganl agebul i?

\\ \\ marj vena cTomil i nervi da ena-xaxis nervi

\\ \\ marcxena cTomil i da diafragmis nervebi

\\ \\ marcxena diafragmis nervi da simpaTikuri wvel i

\\ \\ marj vena diafragmis nervi da xorxis zeda nervi

\\ \\ \\ ra doneze gamoeyofa cTomil nervs xorxis marcxena Sebrunebul i nervi?

\\ \\ aortis rkal is zeviT

\\ \\ aortis rkal is win

\\ \\ aortis rkal is qveda kideze

\\ \\ yvel a zemoTCamoTvl il doneze

\\ \\ ra doneze gamoeyofa cTomil nervs xorxis marj vena Sebrunebul i nervi?  
\\ \\ marj vena I aviwqveSa arteriis zeda kidesTan  
\\ \\ marj vena I aviwqveSa arteriis qveda kidesTan  
\\ \\ fil tvis fesvis doneze  
\\ \\ mxar-Tavis Reros gamosvl is adgil as

\\ \\ \\ diafragmis nervebi fil tvis fesvis romel zedapirs gadakveTen?  
\\ \\ wina  
\\ \\ ukana  
\\ \\ zeda  
\\ \\ qveda

\\ \\ \\ gul is perangis Cxvl etis romel i wesia yvel aze usaf rTxo?  
\\ \\ I areis wesi  
\\ \\ kuSingis wesi  
\\ \\ del afuas wesi  
\\ \\ kurSmanis wesi

\\ \\ \\ gul is Wril obis gakervis dros saWiroa Tu ara Wril obis kideebis amokveTa?  
\\ \\ ar aris saWiro  
\\ \\ Wril obis kideebis amokveTa aucil ebel ia  
\\ \\ saWiroa daJeJil i Wril obis dros  
\\ \\ Wril obis kideebis amokveTa damokidebul ia Wril obis zomebze

\\ \\ \\ SeiZI eba Tu ara gul is Wril obis gakervis as gamwovi sakeravi masal is gamoyeneba?  
\\ \\ sakerav masal as ara aqvs mniSvnel oba  
\\ \\ ar SeiZI eba  
\\ \\ gamoiyeneba metal is brWyal ebi an mavTul i  
\\ \\ mTavari sakeravi masal a ki ar aris, aramed Tu rogor gaivl is Zafi gul is yvel a Sres

\\ \\ \\ romel i mal ebis donezea sasul is bifurkacia?  
\\ \\ TIII  
\\ \\ TIV  
\\ \\ TII  
\\ \\ TVI

\\ \\ \\ ramdeni perikardiul i sinusia?  
\\ \\ erTi  
\\ \\ ori  
\\ \\ sami  
\\ \\ oTxi

\\ \\ \\ romel i sisxl ZarRvi gadauvl is marj vena fil tvs fesvis win?  
\\ \\ kenti vena  
\\ \\ aortis rkal i  
\\ \\ zemo Rru vena  
\\ \\ gul mkerdis sadinari



\\ \\ ra Tanmimdevrobi Taa ganl agebul i marcxena fil tvis fesvis el ementebi?  
\\ \\ mTavari bronqi, fil tvis arteria, fil tvis venebi  
\\ \\ fil tvis arteria, mTavari bronqi, fil tvis venebi  
\\ \\ fil tvis venebi, mTavari bronqi, fil tvis arteria  
\\ \\ fil tvis venebi, fil tvis arteria, mTavari bronqi

\\ \\ ra Tanmimdevrobi Taa ganl agebul i marj vena fil tvis fesvis el ementebi?  
\\ \\ mTavari bronqi, fil tvis arteria, fil tvis venebi  
\\ \\ fil tvis arteria, mTavari bronqi, fil tvis venebi  
\\ \\ fil tvis arteria, fil tvis venebi, mTavari bronqi  
\\ \\ fil tvis venebi, mTavari bronqi, fil tvis arteria

\\ \\ romel anatomiur warmonaqmns, garda xerxeml isa, exeba sayl apavi mil i ukana SuasayarSi?  
\\ \\ kent venas, marcxena neknTaSua arteriebs  
\\ \\ marcxena simpaTikur wvel s, kent venas  
\\ \\ marcxena cTomil nervs, kent venas  
\\ \\ daswrvivi aortis gul mkerdis nawil s, marj vena neknTaSua arteriebs, naxebradkenti venis sabol oo nawil s, gul mkerdis sadinars

\\ \\ sayl apavis romel zedapirzea marcxena cTomil i nervis totebi gul mkerdis RruSi?  
\\ \\ wina  
\\ \\ ukana  
\\ \\ marcxena  
\\ \\ marj vena

\\ \\ romel anatomiur warmonaqmnebs Sorisaa gul mkerdis sadinari ukana Suasayris qveda nawil Si?  
\\ \\ sayl apavsaa da naxebrad kent venas Soris  
\\ \\ gumkerdis aortasa da kent venas Soris  
\\ \\ sayl apavsaa da simpaTikur wvel s Soris  
\\ \\ kent da naxebradkent venebs Soris

\\ \\ miuTiTeT sarZeve j irkvl is zeda sazRvari:  
\\ \\ II nekni  
\\ \\ III nekni  
\\ \\ V nekni  
\\ \\ VI nekni

\\ \\ miuTiTeT sarZeve j irkvl is qveda sazRvari:  
\\ \\ II nekni  
\\ \\ III nekni  
\\ \\ VI nekni  
\\ \\ VII nekni

\\ \\ miuTiTeT sarZeve j irkvl is medial uri sazRvari:  
\\ \\ wina Sua xazi  
\\ \\ mkerdis xazi  
\\ \\ parasternul i xazi  
\\ \\ dvril is xazi

- \\ \\ miuTiTeT sarZeve j irkvl is l ateral uri sazRvari:
- \\ \\ dvril is xazi
- \\ \\ iRI iis wina xazi
- \\ \\ iRI iis Sua xazi
- \\ \\ parasternul i xazi

- \\ \\ \\ romel i anatomiuri warmonaqmni uzrunvel yofs sarZeve j irkvl is moZraobas:
- \\ \\ kani
- \\ \\ kanqveSa cximi
- \\ \\ zedapirul i fascia
- \\ \\ retromamarul i SemaerTebel qsovil ovani sivrce

- \\ \\ \\ miuTiTeT sarZeve j irkvl is mkvebavi sisxl ZarRvebi:
- \\ \\ far-kisris Rero
- \\ \\ gul mkerdis l ateral uri, gul mkerdis SigniT a da neknTaSua arteriebi
- \\ \\ mxol od IV\_VI neknTaSua arteriebi
- \\ \\ mxol od gul mkerdis SigniT a arteria

- \\ \\ \\ romel xazze keTdeba ufro xSirad pl evris punqcia:
- \\ \\ sternal ur da parasternal ur xazebs Soris
- \\ \\ xerxeml is xazze
- \\ \\ paravertebrul da vertebral ur xazebs Soris
- \\ \\ iRI iis ukana da beWis xazebs Soris

- \\ \\ \\ ramdeni fiziol ogiuri Seviwroveba aqvs sayl apav mil s:
- \\ \\ xuTi
- \\ \\ oTxi
- \\ \\ sami
- \\ \\ ori

- \\ \\ \\ romel i mal is doneze gadaavl is sayl apavi mil i gul mkerdis aortas:
- \\ \\ V\_VI mal a
- \\ \\ VI\_VII mal a
- \\ \\ III\_IV mal a
- \\ \\ VIII\_X mal a

- \\ \\ \\ ramdeni zedapiri aqvs gul s:
- \\ \\ ori
- \\ \\ sami
- \\ \\ oTxi
- \\ \\ xuTi

- \\ \\ \\ gul is mkerd-sanekne zedapiri umTavresad romel nawil s ukavia:
- \\ \\ marcxena parkuWs
- \\ \\ marj vena winagul s
- \\ \\ marj vena parkuWs
- \\ \\ marcxena winagul s

\\ gul is fuZes qmnis:  
\\ marj vena parkuWi  
\\ marcxena parkuWi  
\\ winagul ebi  
\\ marj vena winagul i

\\ \\ \\ gul is SuasaZgidismxrivi zedapiri umTavresad romel nawil s ukavia:  
\\ marcxena parkuWs  
\\ winagul ebs  
\\ marj vena parkuWs  
\\ marcxena winagul s

\\ \\ \\ romel i sisxl ZarRvebi kvebaven gul s:  
\\ I aviwqveSa arteria  
\\ gul mkerdis SigniTa arteria  
\\ gvirgvinovani arteriebi  
\\ neknTaSua arteriebi

\\ \\ \\ romel i sisxl ZarRvi gaivl is marj vena fil tvis fesvis zemoT?  
\\ aortis rkal i  
\\ naxevradkenti vena  
\\ kenti vena  
\\ zemo Rru vena

\\ \\ \\ romel i sisxl ZarRvi gaivl is marcxena fil tvis fesvis win?  
\\ aswrvivi aorta  
\\ kenti vena  
\\ naxevradkenti vena  
\\ zemo Rru vena

\\ \\ \\ romel i sisxl ZarRvi gaivl is marcxena fil tvis fesvis zemoT?  
\\ aswrvivi aorta  
\\ daswrvivi aorta  
\\ naxevradkenti vena  
\\ aortis rkal i

\\ \\ \\ romel i sisxl ZarRvi gaivl is marcxena fil tvis fesvis ukan?  
\\ daswrvivi aorta  
\\ kenti vena  
\\ naxevradkenti vena  
\\ zemo Rru vena

\\ \\ \\ pl evris Rrudan haeris aspiraciis mizniT sad keTdeba pl evris punqcia?  
\\ iRI iis wina xazze V neknTaSua sivrceSi  
\\ iRI iis Sua xazze II neknTaSua sivrceSi  
\\ mediokl avikul ur xazze II an III neknTaSua sivrceSi  
\\ mediokl avikul ur xazze V an VI neknTaSua sivrceSi

\\ \\ ramdeni wil TaSua napral ia marj vena fil tvze?

- \\ 1
- \\ 2
- \\ 3
- \\ 4

\\ \\ ramdeni wil TaSua napral ia marcxena fil tvze?

\\ \\ napral i ar aRiniSneba

- \\ 4
- \\ 2
- \\ 1

\\ \\ iribi wil TaSua napral is proeqcia Seesabameba xazs, romel ic gavl ebul ia:

\\ \\ gul mkerdis III mal is wvetiani morCidan VI nekni s Zvl ovani da xrti l ovani nawil ebis sazRvramde

\\ \\ mkerdis Zvl is SuaSi

\\ \\ gul mkerdis III mal is wvetiani morCidan maxvil isebr morCamde

\\ \\ mkerdis Zvl is sxeul is SuaSi horizontal urad

\\ \\ romel i nekni s gaswvri va gavl ebul i horizontal uri napral is saproeqcio xazi?

- \\ \\ II nekni s
- \\ \\ III nekni s
- \\ \\ IV nekni s
- \\ \\ V nekni s

\\ \\ I imbergis sqemis mixedvi T ramdeni zonaa gamoyofil i TiToeul fil tvSi?

- \\ 2
- \\ 3
- \\ 5
- \\ 4

\\ \\ ras mogvagonebs bronq-fil tvis segmentis forma?

- \\ \\ kvadrats
- \\ \\ piramid as
- \\ \\ oTKuTxeds
- \\ \\ trapecias

\\ \\ sai Tken aris mimarTul i bronq-fil tvis segmentis mwverval i?

- \\ \\ fil tvis karisken
- \\ \\ sayl apavisken
- \\ \\ fil tvis zedapirisk en
- \\ \\ gul isken

\\ \\ saidan Sedis bronq-fil tvis segmentSi bronqi, arteria da nervebi?

- \\ \\ fuZi dan
- \\ \\ gverdebi dan
- \\ \\ mwverval i dan
- \\ \\ fuZi dan da gverdebi dan

\\ \\ rogor yofen fil tvis segments?

\\ \\ wil ebad

\\ \\ wil akebad

\\ \\ zonebad

\\ \\ subsegmentebad

\\ \\ \\ fil tvebi sisxl iT maragdeba:

\\ \\ bronqul i totebiTa da fil tvebis arteriebiT

\\ \\ I avi wqveSa arteriebiT

\\ \\ mxar-Tavis ReroTi

\\ \\ gvingvinovani arteriebiT

\\ \\ \\ fil tvebis inervacia xorciel deba:

\\ \\ cTomil i da damatebiTi nervebis totebiT

\\ \\ simpaTikuri da damatebiTi nervebis totebiT

\\ \\ cTomil i nervisa da simpaTikuri wvel is totebiT

\\ \\ simpaTikuri wvel isa da Signeul obis nervis totebiT

\\ \\ \\ fil tvis romel wnul ebs qmnis cTomil i da simpaTikuri nervis totebi?

\\ \\ zeda da qveda

\\ \\ medial uri da l ateral uri

\\ \\ zeda, qveda da Suamdebare

\\ \\ wina da ukana

\\ \\ \\ fil tvis karSi sad mdebareobs wina nervul i wnul i?

\\ \\ fil tvis fesvis win

\\ \\ fil tvis fesvis qveviT

\\ \\ fil tvis mwverval ze

\\ \\ fil tvis gareTa zedapirze

\\ \\ \\ fil tvis karSi sad mdebareobs ukana nervul i wnul i?

\\ \\ fil tvis fesvis win

\\ \\ fil tvis fesvis qveviT

\\ \\ fil tvis mwverval ze

\\ \\ fil tvis fesvis ukan

\\ \\ \\ fil tvis romel I imfur ZarRvebs arCeven?

\\ \\ gareTa da Signi Ta

\\ \\ zeda da qveda

\\ \\ zedapirul i da Rrma

\\ \\ mwverval isa da fuZis

\\ \\ \\ romel garsebs arCeven perikardiumSi?

\\ \\ zeda da qveda

\\ \\ serozul i da fibrozul i

\\ \\ zedapirul i da Rrma

\\ \\ wina da ukana

\\ \\ romel furcl ebs gamoyofen serozul perikardiumSi?  
\\ \\ viscerul i da pariesul i  
\\ \\ serozul i da fibrozul i  
\\ \\ gareTa da SigniTa  
\\ \\ parkuWebisa da winagul ebi s

\\ \\ ra qmnis gul is marj vena sazRvars?  
\\ \\ zeda Rru venisa da marj vena parkuWis l ateral uri kideebi  
\\ \\ zeda Rru venisa da marj vena winagul is l ateral uri kideebi  
\\ \\ marj vena winagul isa da parkuWis marj vena kideebi  
\\ \\ mkerdis Zvl is marj vena kide

\\ \\ \\ gul is qveda sazRvars Seadgens:  
\\ \\ winagul ebi s qveda kideebi  
\\ \\ winagul ebi s zeda kideebi  
\\ \\ parkuWebis qveda kideebi  
\\ \\ diafragmis zeda zedapiri

\\ \\ \\ gul is marcxena sazRvars Seadgens:  
\\ \\ fil tvis Reros, marcxena winagul is yurisa da marcxena parkuWis marcxena  
kideebi  
\\ \\ aortis rkal is marcxena kide  
\\ \\ mkerdis Zvl is marcxena kide  
\\ \\ marcxena mediokl avikul uri xazi

\\ \\ \\ romel i kunTis konebia dakavSirebul i gul mkerdis kanqveSa fasciasTan?  
\\ \\ mkerdis didi kunTis  
\\ \\ l awiqveSa  
\\ \\ wina dakbil ul i  
\\ \\ kisris kanqveSa

\\ \\ \\ mi uTiTeT gareTa neknTaSua kunTebis boWkoebis mimarTul eba.  
\\ \\ zevi dan qvevi T, ukni dan win  
\\ \\ zevi dan qvevi T, wini dan ukan  
\\ \\ qvevi dan zevi T, ukni dan win  
\\ \\ qvevi dan zevi T, wini dan ukan

\\ \\ \\ mi uTiTeT SigniTa neknTaSua kunTebis boWkoebis mimarTul eba  
\\ \\ zevi dan qvevi T, wini dan ukan  
\\ \\ qvevi dan zevi T, ukni dan win  
\\ \\ qvevi dan zevi T, wini dan ukan  
\\ \\ zevi dan qvevi T, ukni dan win

\\ \\ \\ romel i kunTis kunTvani nawil ebi aRwevs mxol od neknis kuTxemde, riTac  
aixsneba neknTaSia nervebis CaTreva anTebiT procesSi pl evris daavadebis  
dros?  
\\ \\ gareTa neknTaSua  
\\ \\ SigniTa neknTaSua  
\\ \\ neknqveSa  
\\ \\ piramidul i

\\\ gul mkerdis kedl is travmis dros SeiZl eba daziandes sisxl ZaRvovan-nervul i kona, roml is topografia sagital ur sibrtyeSi aris:

- \\\ arteria nervi vena
- \\\ arteria vena nervi
- \\ vena arteria nervi
- \\\ vena nervi arteria

\\\ romel i xazis win aris moTavsebul i neknTaSua nervebi gareTa da SigniTa neknTaSua kunTebS Soris?

- \\\ paravertebrul i xazi
- \\\ beWis xazi
- \\ iRI iis Sua xazi
- \\\ iRI iis ukana xazi

\\\ gul mkerdis SigniTa arterias ra doneze gamoeyofa perikardium-diafragmis arteria?

- \\ I nekni
- \\\ II nekni
- \\\ III nekni
- \\\ V nekni

\\\ romel i anatomiuri warmonaqmnis arseboba ganapirobebs infil tratebis gamij vnas sarZeve j irkval Si Cirqovani procesebis dros?

- \\\ kani
- \\\ zedapirul i fascia
- \\ sarZeve j irkvl is kafsul is Zgideebi
- \\\ gul mkerdis fascia

\\\ miuTiTeT marj vena pariesul i pl evris wina sazRvari II nekni doneze:

- \\ wina Sua xazi
- \\\ mkerdis xazi
- \\\ parasternal uri xazi
- \\\ dvril is xazi

\\\ miuTiTeT marcxena pariesul i pl evris wina sazRvari II nekni doneze:

- \\ wina Sua xazi
- \\\ mkerdis xazi
- \\\ parasternal uri xazi
- \\\ dvril is xazi

\\\ ra doneze xdeba marj vena pl evris wina sazRvris gadasvl a qvedaSi?

- \\\ III nekni
- \\\ IV nekni
- \\\ V nekni
- \\ VI nekni

\\\ ra doneze xdeba marcxena pl evris wina sazRvris gadaxra marcxniv?

- \\\ nekni
- \\ IV nekni
- \\\ V nekni
- \\\ VI nekni

\\ \\ mi uTi TeT pariesul i pl evris qveda sazRvari mediokl avikul ur xazze:  
\\ \\ V nekni  
\\ \\ VII nekni  
\\ \\ VIII nekni  
\\ \\ IX nekni

\\ \\ mi uTi TeT pariesul i pl evris qveda sazRvari iRI is Sua xazze:  
\\ \\ IX nekni  
\\ \\ X nekni  
\\ \\ XI nekni  
\\ \\ XII nekni

\\ \\ mi uTi TeT pariesul i pl evris qveda sazRvari beWis xazze:  
\\ \\ IX nekni  
\\ \\ X nekni  
\\ \\ XI nekni  
\\ \\ XII nekni

\\ \\ mi uTi TeT pariesul i pl evris qveda sazRvari paravertebrul xazze:  
\\ \\ IX nekni  
\\ \\ X nekni  
\\ \\ XI nekni  
\\ \\ XII nekni

\\ \\ pl evris gumbaTi winidan vrcel deba:  
\\ \\ I nekni dan 1 sm-iT zevi T  
\\ \\ I aviwi dan 1 sm-iT zevi T  
\\ \\ pirvel i nekni dan 2-3 sm-iT zevi T  
\\ \\ I aviwi dan 4-5 sm-iT zevi T

\\ \\ pl evris gumbaTis ukni dan vrcel deba:  
\\ \\ kisris V mal is wvetiani morCamde  
\\ \\ kisris VI mal is wvetiani morCamde  
\\ \\ kisris VII mal is wvetiani morCamde  
\\ \\ kisris VIII mal is wvetiani morCamde

\\ \\ romel i anatomiuri warmonaqmnebi exeba pl evris gumbaTs win da zevi T?  
\\ \\ saerTo saZil e arteria, xerxeml is arteria da vena  
\\ \\ mxarTavis Rero, I aviwqveSa vena  
\\ \\ I aviwqveSa arteria, xerxeml is arteria da vena  
\\ \\ mxris wnul i da kunTebi

\\ \\ romel anatomiur warmonaqmns exeba marcxena pl evris gumbaTi  
Signi dan?  
\\ \\ saerTo saZil e arterias  
\\ \\ mxarTavis Reros  
\\ \\ xerxeml is arterias, venas  
\\ \\ mxris wnul s



\\ \\ romel anatomiur warmonaqmns exeba marj vena pl evris gumbaTi  
Signidan?

\\ \\ saerTo saZil e arterias

\\ \\ mxarTavis Reros

\\ \\ xerxemi is arterias, venas

\\ \\ mxris wnul s

\\ \\ fil tvis romel i sazRvari emTxveva pariesul i pl evris Sesabamis  
sazRvars?

\\ \\ marj vena fil tvis wina

\\ \\ marcxena fil tvis wina

\\ \\ marj vena fil tvis qveda

\\ \\ marcxena fil tvis qveda

\\ \\ \\ miuTiTeT marj vena fil tvis qveda sazRvari mkerdis xazze.

\\ \\ VI nekni xrti i

\\ \\ VII nekni

\\ \\ VIII nekni xrti i

\\ \\ IX nekni

\\ \\ \\ miuTiTeT marcxena fil tvis qveda sazRvari parasternal ur xazze.

\\ \\ VI nekni

\\ \\ VII nekni

\\ \\ VIII nekni

\\ \\ IX nekni

\\ \\ \\ miuTiTeT fil tvebis qveda sazRvari mediokl avikul ur xazze.

\\ \\ VI nekni zeda kide

\\ \\ VI nekni s qveda ki d

\\ \\ VII nekni zeda kide

\\ \\ VII nekni s qveda kide

\\ \\ \\ miuTiTeT fil tvebis qveda sazRvari iRI iis Sua xazze.

\\ \\ VIII nekni

\\ \\ IX nekni

\\ \\ X nekni

\\ \\ XI nekni

\\ \\ \\ miuTiTeT fil tvebis qveda sazRvari beWis xazze.

\\ \\ VIII nekni

\\ \\ IX nekni

\\ \\ X nekni

\\ \\ XI nekni

\\ \\ \\ miuTiTeT fil tvis qveda sazRvari paravertebrul xazze.

\\ \\ VIII nekni

\\ \\ IX nekni

\\ \\ X nekni

\\ \\ XI nekni

\\ \\ pnevmoneqtomiis dros fil tvis fesvis el ementebis daamuSaveben Semdegi  
Tanmi mdevrobi T:

- \\ arteria vena bronqi
- \\ arteria bronqi vena
- \\ vena bronqi arteria
- \\ vena arteria bronqi

\\ \\ gul is perangis romel i nawil i ar aris dafarul i pl evriT, rac  
iZl eva pl evris dauzianebl ad gul is perangis gaxsnis saSual ebas?

- \\ mkerd-neknis
- \\ SuasaZgidis
- \\ fil tvis
- \\ Suasayris

\\ \\ miuTiTeT gul is mwverval is proeqcia:

- \\ mkerdis xazidan 2\_3 sm-iT marj vniv III neknis doneze
- \\ marcxena mediokl avikul uri xazis medial urad me-5 neknTaSua sivrcceSi
- \\ mkerdis xazidan 2\_3 sm-iT marj vniv IV neknis doneze
- \\ mkerdis xazidan 2\_3 sm-iT marj vniv V neknis doneze

\\ \\ ra doneze proecirdeba fil tvis Reros xvrel i?

- \\ marcxena II neknis mkerdis Zval Tan mimagrebis adgil as
- \\ marcxena II neknis xrtil is samkerde bol odan 1\_3 sm-iT marj vniv
- \\ marcxena III neknis mkerdis Zval Tan mimagrebis adgil as
- \\ marcxena III neknis xrtil is samkerde bol odan 1\_3 sm-iT marj vniv

\\ \\ ra doneze proecirdeba aortis xvrel i?

- \\ marcxena II neknis mkerdis Zval Tan mimagrebis adgil as
- \\ marcxena II neknis xrtil is samkerde bol odan 1\_3 sm-iT marj vniv
- \\ mkerdis Zvl is marj vena naxevarSi III neknis doneze
- \\ marcxena III neknis xrtil is samkerde bol odan 1\_3 sm-iT marj vniv

\\ \\ ra doneze proecirdeba marj vena winagul -parkuWovani xvrel i?

- \\ marcxena II neknis mkerdis Zval Tan mimagrebis adgil as
- \\ marcxena II neknTaSua sivrcidan marj vena IV neknTaSua sivrcemde  
gavl ebul xazze
- \\ marcxena III neknTaSua sivrcidan marj vena IV neknTaSua sivrcemde  
gavl ebul xazze
- \\ mkerdis Zvl is marj vena naxevarSi V neknis doneze

\\ \\ ra doneze proecirdeba marcxena winagul -parkuWovani xvrel i?

- \\ marcxena II neknis xrtil is samkerde bol o
- \\ marcxena II neknis xrtil is samkerde bol odan 1-3 sm-iT marj vniv
- \\ marcxena III neknis mkerdis Zval Tan mimagrebis adgil as
- \\ marcxena IV neknis mkerdis Zval Tan mimagrebis adgil as

\\ \\ sad Tavsdeba marj vena gvirgvinovani arteria aortidan gamosvl is Semdeg?

\\ gvirgvinovan RarSi

\\ \\ parkuW TaSua wina RarSi

\\ \\ parkuW TaSua ukana RarSi

\\ \\ winagul TaSua RarSi

\\ \\ \\ gul is romel zedapirze Tavsdeba marj vena gvirgvinovani arteriis ukana parkuW TaSua toti?

\\ \\ wina (mkerd-neknis)

\\ \\ qveda (SuasaZgidis)

\\ \\ ukana (xerxeml is)

\\ \\ gverdiTi (fil tvis)

\\ \\ \\ gul is romel zedapirzea ganl agebul i gvirgvinovani sinusi?

\\ \\ mkerd-neknis

\\ \\ SuasaZgidis

\\ \\ xerxeml is

\\ \\ fil tvis

\\ \\ \\ gul is Wril obis gamo gul ze operaciis dros perikardiumis gaxsnis Semdeg ra unda gakeTdes pirvel rigSi?

\\ \\ sisxl sa da kol tebis amocl a

\\ \\ gul is pirdapiri masaj i

\\ \\ gul is Wril obaze TiTis daWera

\\ \\ gul is Wril obaze nakeris dadeba

\\ \\ \\ ra doneze xdeba marj vena da marcxena mxar-Tavis venebis SeerTeba zeda Rru venad?

\\ \\ marj vena mkerd-I aviwis saxsris doneze

\\ \\ marj vena I neknis bol osTan

\\ \\ marj vena II neknis xrtil is doneze mkerdis xazze

\\ \\ marj vena III neknis xrtil is doneze mkerdis xazze

\\ \\ \\ miuTiTeT aortis rkal is gul mkerdis aortaSi gadasvl is done:

\\ \\ mkerdis taris centri

\\ \\ gul mkerdis III mal a

\\ \\ gul mkerdis IV mal a

\\ \\ marcxena III neknis xrtil is doneze mkerdis xazze

\\ \\ \\ sayl apavi mil is romel zedapirze mdebareobs marj vena cdomil i nervis totebi?

\\ \\ marj vena

\\ \\ wina

\\ \\ marcxena

\\ \\ ukana

\\ \\ \\ ra doneze ej varedineba sayl apavi gul mkerdis aortas?

\\ \\ VIII \_ X mal Ta fargl ebSi

\\ \\ VI \_ X mal Ta fargl ebSi

\\ \\ VII \_ XI mal Ta fargl ebSi

\\ \\ VIII \_ XII mal Ta fargl ebSi

- \\\ umetesad romel bronqSi xvdeba ucxo sxoul i zeda sasunTqi gzebidan?
- \\\ marcxenaSi
- \\ marj venaSi
- \\\ Sua wil ovan bronqSi
- \\\ qveda wil ovan bronqSi

- \\\ romel i operaciul i Careva xorciel deba ufro xSirad fil tvis kibos dros?
- \\ pnevmoneqtomia
- \\\ I obeqtomia
- \\\ fil tvis segmentis rezeqcia
- \\\ fil tvis kombinirebul i rezeqcia

- \\\ zemxari Sedgeba Semdegi midamoebisagan:
- \\\ iRI iis, I aviwzeda, del tisebri, beWis
- \\\ iRI iis, beWis, I aviwzeda, mxris
- \\ del tisebri, beWis, iRI iis, I aviwqveda
- \\\ iRI iis, mxris, beWis, del tisebri

- \\\ iRI iis fosos sisl ZarRvovan-nervul i konis el ementebia:
- \\ iRI iis arteria, iRI iis vena da mxris wnul i
- \\\ I aviwqveSa arteria, I aviwqveSa vena da mxris wnul i
- \\\ mxris arteria, mxris venebi da mxris wnul i
- \\\ iRI iis arteria, iRI iis vena da kisris wnul i

- \\\ ra doneze edeba I igatura iRI iis arterias:
- \\\ yvel a doneze
- \\ a. subscapularis gamosvl is zemoT
- \\ a. subscapularis gamosvl is qvemoT
- \\\ mkerdis didi kunTis qveda kidis doneze

- \\\ iRI iis arteriis win moTavsebul ia:
- \\\ iRI iis nervi
- \\\ idayvis nervi
- \\\ kunT-kanis nervi
- \\ saSual o nervi

\\ \\ saSual o nervis mdebareoba mxris arteriis mimarT mxris qveda mesamedSi:

\\ \\ win

\\ \\ ukan

\\ \\ medial urad

\\ \\ I ateral urad

\\ \\ \\ sad mdebareobs mxris arteria idayvis fosoSi:

\\ \\ idayvis wina I ateral ur RarSi

\\ \\ idayvis wina medial ur RarSi

\\ \\ idayvis ukana I ateral ur RarSi

\\ \\ idayvis ukana medial ur RarSi

\\ \\ \\ sad gavl is saSual o nervi winamxris Sua mesamedSi:

\\ \\ mrgval i pronatoris Tavebs Soris

\\ \\ TiTebis zedapirul da Rrma momxrel ebs Soris

\\ \\ maj is sxivisaken da TiTebis zerel e momxrel ebs Soris

\\ \\ Zval TaSua apksa da ceris grZel momxrel s Soris

\\ \\ \\ winamxris kanze sxivis arteria proeqcirdeba:

\\ \\ idayvis fosos Sua wertil idan nebis grZel i kunTis myesamde gavl ebul xazze

\\ \\ idayvis fosos Sua wertil idan sxivis Zvl is sadgisiseburi morCis medial ur kidemde gavl ebul xazze

\\ \\ mxris Zvl is medial uri zedarokidan idayvis Zvl is sadgisiseburi morCis medial ur kidemde gavl ebul xazze

\\ \\ mxris Zvl is medial uri zedarokidan nebis grZel i kunTis myesamde gavl ebul xazze

\\ \\ \\ sad mdebareobs II-IV TiTebis momxrel i kunTebis myesebis sinoviuri budeebis distal uri sazRvrebi:

\\ \\ TiTebis distal uri fal angebis fuZeze

\\ \\ TiTebis Sua fal angebis doneze

\\ \\ TiTebis safrCxil e fal angebis distal ur bol oze

\\ \\ nebis Zvl ebis Tavis doneze

\\ \\ \\ ramdeni myesi gavl is maj is arxSi:

\\ \\ erTi

\\ \\ sami

\\ \\ eqvsi

\\ \\ cxra

\\ \\ \\ romel i nervis dazianebisas vl indeba "brWyal ismagvari mtevnis" simptomi?

\\ \\ saSual o

- \\ kunT-kanis
- \\ sxivis
- \\ idayvis

- \\ \\ romel Sual edebad iyofa sazardul is iogis qveS arsebul i sivrce
- \\ kunTovan da sisxl ZarRvovan
- \\ kunTovan da Tiaqris
- \\ Tiaqris da sisxl ZarRvovan
- \\ aponevrozTaSor is da sisxl ZarRvovan

- \\ \\ ra gamodis kunTovani Sual edidan:
- \\ barZayis arteria da vena
- \\ barZayis nervi da qedis kunTi
- \\ barZayis nervi da grZel i momzidvel i kunTi
- \\ TeZo-sukis kunTi da barZayis nervi

- \\ \\ zeda msxl isebri xvrel idan gamodis:
- \\ mcire wvvis, didi wvvis ukana da barZayis arteriebi
- \\ zeda dundul ovani arteria, vena da nervi
- \\ gareTa sasircxo, barZayis da damxuravi arteriebi
- \\ didi wvvis wina, gareTa sasircxo vena da sasircxo nervi

- \\ \\ barZayis arterias gamoeyofa zedapirul i arteriebi:
- \\ qveda epigastrul i arteria, TeZos zedapirul i Semomxvevarteria, gareTa sasircxo arteria
- \\ zedapirul i epigastrul i arteria, TeZos zedapirul i Semomxvevarteria, SigniTa sasircxo arteria
- \\ zedapirul i Semomxvevarteria, barZayis medial uri Semomxvevarteria, gareTa sasircxo arteria
- \\ zedapirul i epigastrul i arteria, TeZos zedapirul i Semomxvevarteria, gareTa sasircxo arteria

- \\ \\ barZayis arteria kanze proecirdeba:
- \\ sazardul is iogis gareTa da Sua mesamedebs Soris wertil idan barZayis Zvl is medial ur zedarokamde
- \\ sazardul is iogis Sua wertil idan barZayis Zvl is medial ur zedarokamde
- \\ sazardul is iogis Sua wertil idan kviristavamde
- \\ sazardul is iogis Sua da medial ur mesamedebs Soris wertil idan kviristavamde

- \\ \\ momzidvel i arxi mdebareobs:
- \\ barZayis zeda mesamedSi barZayis wina medial ur zedapirze
- \\ barZayis zeda mesamedSi barZayis wina l ateral ur zedapirze
- \\ barZayis qveda mesamedSi barZayis wina medial ur zedapirze
- \\ barZayis qveda mesamedSi barZayis ukana zedapirze

- \\ \\ romel i kunTebiT iqmneba muxl qveSa foso:
- \\ naxevradmyesovani, TiTistara, kanWis tyupi, barZayis orTava
- \\ TiTistara, sukis, grZel i momzidvel i, TerZis

\\ barZayis orTava, samTava, oTxTava, didi momzidvel i  
\\ kanWis tyupi, kvadratul i, SigniTa damxuravi, TerZis

\\ \\ ramden tots iZl eva muxl qveSa arteria muxl is saxsrisTvis:

\\ 2  
\\ 4  
\\ 5  
\\ 6

\\ \\ wviv-muxl qveSa arxSi gaivl is:

\\ didi wvavis ukana arteria da didi wvavis nervi  
\\ mcire wvavis arteria da didi wvavis nervi  
\\ saCino nervi da wvavis wina arteria  
\\ terfis kanis dorsal uri nervi da wvavis wina arteria

\\ \\ romel i kunTebia wvavis ukana midamos zedapirul fasciur budeSi:

\\ TiTebis grZel i momxrel i, muxl qveSa da TerZis  
\\ didi wvavis ukana, TiTebis grZel i momxrel i da terfZiris  
\\ tyupi, terfZiris da qusl is  
\\ fexis ceris grZel i momxrel i, muxl qveSa da tyupi

\\ \\ rodis aRiniSneba barZayis deformacia "gal ifes" formiT?

\\ barZayis Sua mesamedSi motexil obisas  
\\ barZayis zeda mesamedSi motexil obisas  
\\ barZayis qveda mesamedSi motexil obisas  
\\ menj -barZayis saxsris amovardnil obisas

\\ \\ ra aris amputacia:

\\ kiduris periferiul i nawil is imobil izacia  
\\ kidurze naxvevis dadeba  
\\ kiduris periferiul i nawil is mokveTa  
\\ kidurze TabaSiris l ongetis dadeba

\\ \\ amputaciebi Carevis vadebis mixedviT iyofa:

\\ droul , maqsimal urad droul da nagvianev  
\\ adreul , nagvianev da ganmeorebiT  
\\ daCqarebul , maqsimal urad daCqarebul da saswrafo  
\\ adreul , daCqarebul da gadaudebel i

\\ \\ amputaciis dros sisxl denis SeCereba xdeba:

\\ kiduris proqsimal ur nawil ze l axtis dadebiT  
\\ kidurze artaSanis dadebiT  
\\ kiduris figsaciiT  
\\ kidurze naxvevis dadebiT

\\ \\ qsovil Ta gakveTis etapebis mixedviT gamoyofen:

\\ erTj erad, orj erad, samj erad da mraval j erad amputaciebs  
\\ gil iotinur, erTmomentian, ormomentian da sammomentian amputaciebs  
\\ erTmomentian, ormomentian, sammomentian da oTxmomentian amputaciebs  
\\ gil iotinur, ormomentian, sammomentian da mraval momentian amputaciebs

- \\ \\ nafl eTovani amputaciis wesebia:
- \\ erTnafl eTovani da ornafl eTovani
- \\ \\ ornafl eTovani da samnafl eTovani
- \\ \\ samnafl eTovani da oTxnafl eTovani
- \\ \\ oTxnafl eTovani da xuTnafl eTovani

- \\ \\ \\ sammomentani amputaciis dros I momentad ikveTeba:
- \\ \\ kani, kanqveSa qsovil i, kanqveSa fascia da sakuTari fascia
- \\ \\ kanqveSa fascia, kunTebi, Zval i
- \\ \\ kani, fascia, Zval i
- \\ \\ kani, sakuTari fascia, Zval i

- \\ \\ \\ amputaciis dros Zvl is damuSavebis wesebia:
- \\ \\ aperiostul i da subperiostul i
- \\ \\ epiperiostul i da subperiostul i
- \\ \\ epiperiostul i da endoperiostul i
- \\ \\ paraperiostul i da endoperiostul i

- \\ \\ \\ romel i wesiT srul deba TiTebis gautkivareba:
- \\ \\ meios wesiT
- \\ \\ al bertis wesiT
- \\ \\ I amberis wesiT
- \\ \\ I ukaSeviC-oberstis wesiT

- \\ \\ \\ ramdeni I igaturiT iskvneba magistral uri arteria amputaciis dros:
- \\ \\ 1
- \\ \\ 2
- \\ \\ 3
- \\ \\ 4

- \\ \\ \\ visi wesiT srul deba wvavis Zval -pl astikuri amputacia:
- \\ \\ j anel iZis wesiT
- \\ \\ pirogovis wesiT
- \\ \\ farabefis wesiT
- \\ \\ adamsis wesiT

- \\ \\ \\ beWis midamos zedapirul kunTovan Sres qmnis:
- \\ \\ didi da mcire rombisebri da trapeciul i
- \\ \\ beWis Aamwevi kunTi, Tavisა da kisris sal munis kunTebi, zurgis uganieresi kunTi
- \\ \\ trapeciul i kunTi, zurgis gammarTvel i kunTi, zurgis uganieresi kunTi
- \\ \\ trapeciul i, zurgis uganieresi, del tisebri kunTebi

- \\ \\ \\ del tisebri midamos mTavari sisxl ZarRvovan-nervul i kona Seicavs:
- \\ \\ iRI iis nervsa da mxris ukana Semomxvev arterias
- \\ \\ iRI iis nervsa da mxris wina da ukana Semomxvev arteriebs
- \\ \\ sxivis nervsa da mxris ukana Semomxvev arterias
- \\ \\ iRI iis nervsa da beWqveSa arterias



\\ \\ ra qmnis oTxgverdiani xvrel is l ateral ur kedel s:  
\\ \\ samTava kunTis grZel i Tavi  
\\ \\ mxris Zvl is qirurgiul i yel i  
\\ \\ mcire mrgval i kunTi  
\\ \\ beWqveSa kunTi

\\ \\ \\ rogoria iRI iis arteriis saproeqcio xazi pirogovi s mixedviT:  
\\ \\ Tmiani nawil is wina kide  
\\ \\ iRI iis fosos wina da Sua mesamedebs Soris gavl ebul i xazi  
\\ \\ mxris arteriis saproeqcio xazis gagrZel eba zeviT  
\\ \\ beWis niskartisebri morCidan qeviT gavl ebul i vertikal uri xazi

\\ \\ \\ rogor mdebareobs mxris wnul i mkerd-l awiwis samkuTxedSi iRI iis  
arteriasTan mimarTebaSi:  
\\ \\ l ateral urad da ukan  
\\ \\ l ateral urad da win  
\\ \\ medial urad da win  
\\ \\ medial urad da ukan

\\ \\ \\ romel kunTebS Sorisaa kunT-kanis nervi mxarze:  
\\ \\ niskart-mxrisa da mxris kunTebS Soris  
\\ \\ orTava da mxris  
\\ \\ orTava da samTava  
\\ \\ orTava da niskart-mxris

\\ \\ \\ sxivis nervi mxris qveda mesamedSi moTavsebul ia:  
\\ \\ mxrisa da mxar-sxivis kunTebS Soris  
\\ \\ mxris kunTsa da mxris Zval s Soris  
\\ \\ samTava kunTis l ateral ur Tavsaa da mxris kunTs Soris  
\\ \\ orTava kunTsa da mxris kunTs Soris

\\ \\ \\ winamxris kanze Sua da qveda mesamedebSi idayvis arteria proeqcirdeba:  
\\ \\ idayvis fosos Sua wertil idan nebis grZel i kunTis myesamde  
\\ \\ idayvis fosos Sua wertil idan sxivis sadgisiseburi morCis medial ur  
kidemde  
\\ \\ mxris medial uri zedarokidan idayvis sadgisiseburi morCis medial ur  
kidemde  
\\ \\ mxris Zvl is medial uri zedarokidan cercviseburi Zvl is l ateral ur  
kidemde

\\ \\ \\ ra aris V-s magvari fl egmona:  
\\ \\ l da V TiTebis Cirqovani tendovagini ti  
\\ \\ II-V TiTebis Cirqovani tendovagini ti  
\\ \\ II-III TiTebis Cirqovani tendovagini ti  
\\ \\ I-III TiTebis tendovagini ti

\\ \\ \\ romel Rarebs arCeven wi namxar ze:  
\\ \\ \\ sxivis da saSual o  
\\ \\ idayvis da sxivis  
\\ \\ saSual o da idayvis  
\\ \\ spiral urs da sxivis

\\ \\ romel i nervis dazianebisas vl indeba "daki dul i mtevnis" simptomi?

\\ \\ saSual o

\\ \\ kunT\_kanis

\\ \\ sxivis

\\ \\ idayvis

\\ \\ \\ barZayis (skarpas) samkuTxedi mosazRvrul ia:

\\ \\ sazardul is iogiT, TerZis kunTiT da grZel i momzidvel i kunTiT

\\ \\ sazardul is iogiT, TeZo-sukis kunTiT da grZel i momzidvel i kunTiT

\\ \\ sazardul is iogiT, qedis kunTiT da grZel i momzidvel i kunTiT

\\ \\ sazardul is iogiT, TerZis kunTiT da didi momzidvel i kunTiT

\\ \\ \\ rogor mdebareobs barZayis vena arteriis mimarT barZayis zeda mesamedSi:

\\ \\ win

\\ \\ ukan

\\ \\ medial urad

\\ \\ l ateral urad

\\ \\ \\ qveda msxl isebri xvrel idan gamodis:

\\ \\ qveda dundul ovani arteria da nervi, saj domi nervi, SigniTa sasi rcxo arteria, sasi rcxo nervi

\\ \\ didi wvvis nervi, didi wvvis arteria, barZayis arteria, muxl qveSa arteria

\\ \\ muxl qveSa arteria, didi wvvis wina arteria, saCino nervi, barZayis nervi

\\ \\ qveda dundul ovani arteria da nervi, TeZos zedapirul i arteria, saj domi nervi

\\ \\ \\ didi saCino vena kanze proeci rdeba:

\\ \\ barZayis medial uri rokis zeda kididan sazardul is iogis Sua da medial uri mesamedebis sazRvramde gavl ebul xazze

\\ \\ barZayis medial uri rokidan sazardul is iogis Sua wertil amde gavl ebul xazze

\\ \\ barZayis l ateral uri rokis zeda kididan sazardul is iogis Sua da medial uri mesamedebis sazRvramde gavl ebul xazze

\\ \\ barZayis l ateral uri rokidan sazardul is iogis gareTa da Sua mesamedebis sazRvramde gavl ebul xazze

\\ \\ \\ rogor mdebareobs barZayis vena arteriis mimarT barZayis qveda mesamedSi?

\\ \\ win

\\ \\ ukan

\\ \\ medial urad

\\ \\ l ateral urad

\\ \\ \\ romel i kunTebia barZayis ukana budeSi:

\\ \\ orTava, naxevrad myesovani da TiTistara

\\ \\ orTava, TerZis da TiTistara

- \\ grZel i momzidvel i, orTava da TiTistara
- \\ nazi, TerZis da orTava kunTis grZel i Tavi

- \\ \\ muxl qveSa fososi muxl qveSa venis win da medial urad moTavsebul ia:
- \\ muxl is zeda l ateral uri arteria
- \\ muxl is qveda l ateral uri arteria
- \\ muxl qveSa arteria
- \\ muxl is zeda medial uri arteria

- \\ \\ kanWis kanis medial uri nervi gamoeyofa:
- \\ mcire wvvis saerTo nervs
- \\ didi wvvis nervs
- \\ barZayis nervs
- \\ saCino nervs

- \\ \\ wvvis wina Zval -fasciuri bude Seicavs:
- \\ didi wvvis wina, TiTebis grZel gamSI el da ceris grZel gamSI el kunTs
- \\ mcire wvvis grZel , ceris grZel gamSI el da TiTebis grZel gamSI el kunTs
- \\ ceris grZel gamSI el , ceris grZel momxrel da TiTebis grZel momxrel kunTs
- \\ TiTebis grZel gamSI el , mcire wvvis mokl e da didi wvvis wina kunTs

- \\ \\ wvvis ukana midamos Rrma fasciur budeSi ganl agebul ia:
- \\ terfZiris da tyupi kunTi
- \\ qusl is, tyupi da mcire wvvis grZel i kunTi
- \\ TiTebis grZel i momxrel i, didi wvvis ukana, fexis ceris grZel i momxrel i kunTebi
- \\ kanWis tyupi da nazi kunTi

- \\ \\ ra aris egzartikul acia:
- \\ saxsris gaxsna
- \\ saxsris imobil izacia
- \\ saxsris pl astika
- \\ kiduris mokveTa saxsris doneze

- \\ \\ nagvianeви amputaciis Cvenebaa:
- \\ xangrZl ivi Seuxorcebel i Wril oba
- \\ sunTqvis ukmarisoba
- \\ pnevmonia
- \\ Soki

- \\ \\ amputaciis dros l axtis dadeba ukunaCvenebia:
- \\ osteoqondrozisa da podagris dros
- \\ maobl itirebel i endareteritisa da anaerobul i infeqciis dros
- \\ miozitis da nevritis dros
- \\ pnevmoniisa da nevritis dros

- \\ \\ amputaciis gil iotinuri wesi naCvenebia:
- \\ mwvave pnevmoniis dros
- \\ hipertoniis dros
- \\ streptokokuri infeqciis dros

\\ anaerobul i infeqciis dros

\\ \\ \\ sammomentani amputaciis dros II momentad ikveTeba:

\\ \\ kani, kanqveSa fascia Zvl amde

\\ yvel a kunTi Zvl amde

\\ \\ orive fascia Zvl amde

\\ \\ kani Zvl amde

\\ \\ \\ rogor iskvneba magistral uri sisxl ZarRvebi amputaciis Semdeg:

\\ \\ arteria da vena iskvneba erTad

\\ \\ arteria da vena iskvneba cal -cal ke

\\ \\ arteria da vena iskvneba nervTan erTad

\\ \\ arteria da vena iskvneba Zval Tan erTad

\\ \\ \\ rbi i qsovil ebis dasacavad amputaciis dros gamoiyeneba:

\\ \\ marl is zonrebi da danebi

\\ \\ retraqtori da marl is zonrebi

\\ \\ pincetebi da kavebi

\\ \\ momWerebi da pincetebi

\\ \\ \\ saidan gamoiWreba kanis nafI eTi fal angebis amosaxsvris an amputaciis dros:

\\ \\ sxivismxrivi zedapiridan

\\ \\ xel gul ismxrivi zedapiridan

\\ \\ medial uri zedapiridan

\\ \\ xel gzurgismxrivi zedapiridan

\\ \\ \\ visi wesiT srul deba barZayis Zval -pl astikuri amputacia:

\\ \\ pirogovis wesiT

\\ \\ j anel iZis wesiT

\\ \\ I ukaSeviC-oberstis wesiT

\\ \\ griti-Simanovskis wesiT

\\ \\ \\ wvvis Zval \_pl astikuri amputaciisas ra aris takvis sayrdeni zedapiri:

\\ \\ I ateral uri goj i

\\ \\ medial uri goj i

\\ \\ qusl is Zvl is ukana midamo

\\ \\ mcire wvvis Zval i

\\ \\ beWis midamos Rrma kunTovan Sres qmnis:

\\ \\ zurgis gammarTvel i kunTi, Tavis wina swori kunTi, qedzeda kunTi

\\ \\ didi da mcire rombisebri kunTebi, ukana zeda dakbil ul i kunTi

\\ \\ qedzeda, qedqveda, didi da mcire mrgval i kunTebi

\\ \\ didi da mcire mrgval i kunTebi, Tavis I ateral uri swori kunTi

\\ \\ \\ del tisebr-mkerdis RarSi gaivl is:

\\ \\ sal mi s vena

\\ \\ Sevardnis vena

\\ \\ iRI iis vena

\\ I avi wqveSa vena

\\ \\ rogor mdebareobs iRI iis vena arteriasTan mimarTebaSi:

\\ win da medial urad

\\ \\ win da l ateral urad

\\ \\ ukan da l ateral urad

\\ \\ ukan da medial urad

\\ \\ \\ ris gamoa saSiSi iRI iis arteriasTan midgoma pirdapiri wesiT:

\\ \\ iRI iis venis daziane bisa da haerovani embol iis saSiSroebis gamo

\\ \\ \\ cudi kosmetikuri efeqtis gamo

\\ \\ \\ mxris wnul is konebis daziane bhis gamo

\\ \\ \\ operaciisSemdgom nawiburSi nervebis Cazrdis gamo

\\ \\ \\ rogor yal ibdeba saSual o nervi iRI iis fosoSi:

\\ \\ \\ mxris wnul is l ateral uri konidan

\\ \\ \\ mxris wnul is medial uri konidan

\\ \\ \\ mxris wnul is l ateral uri da medial uri konebidan

\\ \\ \\ l ateral uri da ukana konebidan

\\ \\ \\ miuTiTeT mxris arteriis saproeqcio xazi:

\\ \\ \\ iRI iis fosos mwverval idan medial uri zedarokisa da orTava kunTis

myess Soris manZil is Sua wertil amde

\\ \\ \\ beWis niskartisebri morCidan mxris medial ur zedarokamde

\\ \\ \\ akromionidan mxris medial ur zedarokamde

\\ \\ \\ orTava kunTis l ateral uri Raris gaswvri

\\ \\ \\ mxris arteria idayvis midamoSi gai vl is:

\\ \\ \\ wina medial ur RarSi

\\ \\ \\ wina l ateral ur RarSi

\\ \\ \\ ukana l ateral ur RarSi

\\ \\ \\ ukana medial ur RarSi

\\ \\ \\ saSual o nervi winamxarze qveda mesamedSi moTavsebul ia:

\\ \\ \\ maj is sxivisaken momxrel kunTsa da TiTebis zedapirul i momxrel kunTis

myesebs Soris

\\ \\ \\ mxar-sxivis kunTsa da maj is idayvisaken momxrel i kunTis myesebs Soris

\\ \\ \\ mxar-sxivis kunTsa da mrgval pronators Soris

\\ \\ \\ maj is sxiviskena momxrel sa da mxar-sxivis kunTebis Soris

\\ \\ \\ sad unda gatardes ganakveTebi xel is TiTebze Cirqovani tendovaginitis dros:

\\ \\ \\ xel gul is zedapirze

\\ \\ \\ ukana zedapirze

\\ \\ \\ safrCxil e fal angis areSi

\\ \\ \\ wina-gverdiT zedapirebze fal angTaSua saxsrebis gareT

\\ \\ \\ ra niSniT amoicnoba Wril obaSi maj is sxivisaken momxrel i kunTi:

\\ \\ \\ kunTis frTisebri SenebiT

\\ \\ \\ pirvel i Sris kunTis sqel i myesiT

\\ \\ \\ kunTis grZel i viwro myesiT

\\ pirvel i Sris kunTebSi yvel aze l ateral uri mdebareobiT

\\ \\ ra gamodis momzidvel i arxis wina xvrel idan:

\\ \\ barZayis arteria

\\ \\ kanqveSa nervi

\\ saCino nervi da muxl is daswrvivi arteria

\\ \\ muxl is daswrvivi arteria

\\ \\ barZayis arteria kanze proeqcirdeba:

\\ \\ sazardul is iogis gareTa da Sua mesamedebs Soris wertil idan barZayis Zvl is medial ur zedarokamde gavl ebul xazze

\\ \\ sazardul is iogis Sua wertil idan barZayis Zvl is medial ur zedarokamde gavl ebul xazze

\\ \\ sazardul is iogis Sua wertil idan kviristavamde gavl ebul xazze

\\ \\ sazardul is iogis Sua da medial ur mesamedebs Soris wertil idan kviristavamde gavl ebul xazze

\\ \\ \\ barZayis arxis zedapirul i rgol i moisazRvreba:

\\ \\ ganieri fasciis namgl iseburi kidiT

\\ \\ sazardul is iogiT

\\ \\ Sual edis iogiT

\\ \\ qedis iogiT

\\ \\ \\ barZayis Rrma arteria gamodis:

\\ \\ TeZos SigniT arteriidan sazardul is iogidan 4-6 sm-iT qvemoT

\\ \\ barZayis arteriidan sazardul is iogidan 1-2 sm-iT qvemoT

\\ \\ qvemo epigastrul i arteriidan sazardul is iogidan 1-2 sm-iT qvemoT

\\ \\ barZayis arteriidan sazardul is iogidan 4-6 sm-iT qvemoT

\\ \\ \\ momzidvel arxSi gaivl is:

\\ \\ barZayia arteria, barZayis vena da saj domi nervi

\\ \\ barZayia arteria, barZayis vena da saCino nervi

\\ \\ TeZos gareTa arteria, TeZos gareTa vena da barZayis l ateral uri nervi

\\ \\ barZayia arteria, barZayis vena da barZayis kanis ukana nervi

\\ \\ \\ muxl qveSa fososi didi wvivi nervis win da medial urad moTavsebul ia:

\\ \\ muxl is zeda medial uri arteria

\\ \\ muxl qveSa vena

\\ \\ muxl is zeda l ateral uri arteria

\\ \\ muxl is zeda medial uri arteria

\\ \\ \\ muxl qveSa fososi mcire wvivi saerTo nervi miyveba:

\\ \\ naxebrad myesovani kunTis medial ur kides

\\ \\ orTava kunTis medial ur kides

\\ \\ TiTistara kunTis medial ur kides

\\ \\ kanWis tyupi kunTis medial ur kides

\\ \\ \\ didi wvivi wina arteria da mcire wvivi saerTo nervis Rrma toti wvivi qveda naxevarSi mdebareobs:

\\ \\ kanWis tyupsa da terfZiris kunTebS Soris

\\ \\ terfZirisa da qusl is kunTebS Soris

\\ \\ TiTebis grZel momxrel da ceris grZel momxrel kunTebS Soris

\\ \\ didi wvivi wina da fexis ceris grZel gamSl el kunTebS Soris

\\ \\ rogor proecirdeba didi wivis wina arteria:

\\ didi wivis xorkl idan goj ebs Soris gatarebul i xazis Sua wertil amde  
\\ medial ur rokxa da didi wivis xorkl s Soris gatarebul i xazis Sua  
wertil idan l ateral ur goj amde gavl ebul xazze  
\\ didi wivis xorkl sa da mcire wivis Zvl is Tavs Soris gatarebul i  
xazis Sua wertil idan l ateral ur goj amde gavl ebul xazze  
\\ didi wivis xorkl sa da mcire wivis Zvl is Tavs Soris gatarebul i xazis  
Sua wertil idan goj ebs Soris gatarebul i xazis Sua wertil amde gavl ebul  
xazze

\\ \\ wviv-muxl qveSa arxis wina kedel s qmnis:

\\ didi wivis ukana kunTi  
\\ wivis fasciis Rrma furcel i  
\\ TiTebis grZel i momxrel i kunTi  
\\ kanWis tyupi kunTi

\\ \\ miuTiTeT kiduris amputaciis absol uturi Cveneba:

\\ kiduris travmul i mogl ej a  
\\ Zvl ebis damsxvrevi, kunTebis, sisxl ZarRvebis da nervebis dagl ej iT  
\\ kiduris sxvadasxva etiolo giis gangrena  
\\ yvel a zemoTCamoTvl il i

\\ \\ reamputaciis Cveneba:

\\ sefsisi  
\\ anafil aqsiuri Soki  
\\ tuberkul ozuri goniti  
\\ mankieri takvi

\\ \\ special uri iaraRebi, roml ebic gamoiyeneba amputaciis dros:

\\ saamputacio danebi, xerxebi, raspatorebi, mkvnetarebi, Woposnebi  
\\ Rariani zondebi, reverdenis nemsebi, traqostomiul i mil i  
\\ xel is trepani, dal grenis kvnetara, jil is xerxi, sxvadasxva formis  
frezebi  
\\ sarkeebi, niCbebi, el eqtro da xel is trepanebi

\\ \\ amputaciis dros sisxl denis SeCereba xdeba:

\\ kidurze l axtis dadebiT  
\\ kiduris imobil izaciiT  
\\ kidurze yinul iani parkebis dadebiT  
\\ kidurze naxvevis dadebiT

\\ \\ ra ikveTeba ormomentiani amputaciis dros pirvel momentad:

\\ ikveTeba kani, kanqveSa cximovani qsovil i da fascia  
\\ fascia, kunTebi  
\\ kunTebi da Zval i  
\\ kani da Zval i

- \\ \\ \\ sammomentani amputaciis dros III momentad ikveTeba:
- \\ \\ SekumSul i da gadaweul i kanis doneze xel meored ikveTeba yvel a kunTi da gadaxerxeba Zval i
- \\ \\ SekumSul i da gadaweul i kanis doneze ikveTeba zedapirul i fascia
- \\ \\ SekumSul i da gadaweul i kanis doneze ikveTeba Rma fascia
- \\ \\ SekumSul i da gadaweul i kanis doneze ixerxeba Zval i

- \\ \\ \\ raSi mdgomareobs amputaciis dros nervis damuSavebis wesi:
- \\ \\ nervi ikveTeba samarTebi iT, gadaxerxil i Zvl is bol odan 4-5 sm zemoT
- \\ \\ nervi ikveTeba el eqtro daniT, gadaxerxil i Zvl is bol odan 7-8 sm zemoT
- \\ \\ nervi ikveTeba samarTebi iT, gadaxerxil i Zvl is bol odan 1-2 sm zemoT
- \\ \\ nervi ikveTeba skal pel iT, gadaxerxil i Zvl is bol odan 1,5\_2 sm zemoT

- \\ \\ \\ romel i iaraRi gamoiyeneba nervis gadasakveTad:
- \\ \\ skal pel i
- \\ \\ el eqtrodana
- \\ \\ saamputacio dana
- \\ \\ usafRTxo samarTebel i

- \\ \\ \\ romel i wesiT srul deba winamxris Amputacia:
- \\ \\ ormomentiani manJetis wesiT
- \\ \\ erTmomentiani nafI eTovani wesiT
- \\ \\ sammomentiani irgvl ivi wesiT
- \\ \\ samnafI eTovani wesiT

- \\ \\ \\ barZayis Zval \_pl astikuri amputaciisas ra aris takvis sayrdeni zedapiri:
- \\ \\ barZayis Zvl is roki
- \\ \\ gadaxerxil i kviristavi
- \\ \\ barZayis oTxTava kunTis myesi
- \\ \\ orTava kunTis myesi

- \\ \\ \\ sangverdian xvrel Si gaivl is:
- \\ \\ beWis Semomxvevi arteria
- \\ \\ beWqveSa arteria da iRI iis nervi
- \\ \\ mxris wina da ukana Semomxvevi arteriebi da iRI iis nervi
- \\ \\ beWqveSa da mxris ukana Semomxvevi arteria

- \\ \\ \\ randen nawil s ganarCeven iRI iis arteriaSi iRI iis fosos mTel sigrZeze:
- \\ \\ erTs
- \\ \\ ors
- \\ \\ sams
- \\ \\ oTxs



\\ \\ mxris wnul is romel i konidan yal ibdeba sxivis nervi:

\\ \\ l ateral uri

\\ \\ medial uri

\\ \\ ukana

\\ \\ wina

\\ \\ \\ mkerdqveSa samkuTxedis fargl ebSi iRI iis arterias gamoeyofa:

\\ \\ beWqveSa arteria, mxris wina da ukana Semomxvevi arteriebi

\\ \\ gul mkerdis l ateral uri arteria da beWqveSa arteria

\\ \\ mxris wina da ukana Semomxvevi arteria da gul mkerdis zemdebare arteria

\\ \\ gul mkerd-akromionisa da mxris wina Semomxvevi arteria

\\ \\ \\ rogoria iRI iis arteriis saproeqcio xazi:

\\ \\ Tmiani nawil is wina kide

\\ \\ iRI iis fosos Sua da ukana mesamedebs Soris gavl ebul i horizontal uri xazi

\\ \\ idayvis arteriis saproeqcio xazis gagrZel eba zevi T

\\ \\ beWis niskartisebri morCidan qvevi T gavl ebul i xazi

\\ \\ \\ ra totebad iyofa sxivis nervi idayvis fosos wina l ateral ur RarSi?

\\ \\ zedapirul da Rrma

\\ \\ wina da medial ur

\\ \\ wina da l ateral ur

\\ \\ wina da ukana

\\ \\ \\ idayvis midamoSi idayvis nervi gaivl is:

\\ \\ wina medial ur RarSi

\\ \\ wina l ateral ur RarSi

\\ \\ ukana l ateral ur RarSi

\\ \\ ukana medial ur RarSi

\\ \\ \\ CamoTvl il i warmonaqmnebidan romel ia moTavsebul i xel is gul is Sua fasciur budeSi:

\\ \\ kunT-kanis nervi

\\ \\ idayvis arteriul i bade

\\ \\ nebis Zval TaSua dorsal uri arteriebi

\\ \\ xel is zedapirul i arteriul i rkal i

\\ \\ \\ saSual o nervi anervebs:

\\ \\ I, II, III TiTebis pal marul i zedapiris kans da IV TiTis pal marul i zedapiris l ateral ur naxevars

\\ \\ I, II, TiTebis pal marul i zedapiris kans da III TiTis pal marul i zedapiris naxevars

\\ \\ I, II, TiTebis da III TiTis dorsal uri zedapiris naxevars

\\ \\ IV, V TiTebis da III TiTis naxevars dorsal uri mxridan

\\ \\ \\ TiTebis momxrel Ta myesebis romel i sinoviuri budeebis dazianeba iwvevs Cirqovani procesis gadasvl as pirogovis SemaerTebel qsovil ovan sivrceSi:

\\ \\ sxivismxrivi da cerismxrivi

\\ \\ idayvismxrivi da nekismxrivi

\\ sxivismxrivi da idayivismxrivi

\\ \\ II-IV TiTebis momxrel Ta myesebis sinoviuri budeebis

\\ \\ \\ romel i nervis dazianebisas vl indeba "maimunis mtevnis simptomi":

\\ \\ kunT-kanis

\\ saSual o

\\ \\ sxivis

\\ \\ idayvis

\\ \\ \\ miuTiTeT barZayis arxis kedl ebi:

\\ barZayis vena, ganieri fasciis zedapirul i da Rrma furcl ebi

\\ \\ sazardul is iogi, qedis iogi da barZayis vena

\\ \\ zedapirul i fascia da barZayis vena

\\ \\ sazardul is iogi, qedis iogi da ganieri fasciis zedapirul i furcel i

\\ \\ \\ ra donezea umj obesi barZayis arteriis gadaskvna barZayis zeda mesamedSi:

\\ \\ uSual od sazardul is iogis ukan

\\ barZayis Rrma arteriis gamosvl is zemoT

\\ \\ barZayis Rrma arteriis gamosvl is qvemoT

\\ \\ sazardul is iogidan 1sm qvemoT

\\ \\ \\ barZayis arxis Rrma rgol i mosazRvrul ia:

\\ \\ sazardul is iogiT, qedis (kuperis) iogiT, Sual edis (j imbernatis) iogiT, barZayis venis medial uri kedl iT

\\ \\ qedis iogiT, Sual edis iogiT, mrgval i iogiT

\\ \\ sazardul is iogiT, TerZis kunTiT, qedis kunTiT, TeZo-qedis rkal iT

\\ \\ sukis kunTiT, TeZos kunTiT, Sual edis iogiT, sazardul is iogiT

\\ \\ \\ barZayis sisxl ZarRvebi zeda mesamedSi mdebareoben:

\\ barZayis samkuTxedSi

\\ \\ momzidvel arxSi

\\ \\ Joberis fosoSi

\\ \\ barZayis wina RarSi

\\ \\ \\ sad mdebareobs saCino nervi momzidvel arxSi:

\\ \\ \\ barZayis arteriis ukan da l ateral urad

\\ \\ \\ barZayis arteriis ukan da medial urad

\\ \\ \\ barZayis arteriis win da l ateral urad

\\ \\ \\ barZayis arteriis ukan da l ateral urad

\\ \\ \\ ra gamodis momzidvel i arxis wina xvrel idan:

\\ \\ barZayis arteria

\\ \\ barZayis nervi

\\ saCino nervi da muxl is daswrvivi arteria

\\ \\ muxl is daswrvivi arteria da barZayis nervi

\\ \\ \\ saj domi nervis gayofa didi wvvisa da mcire wvvis nervebad xdeba:

\\ \\ \\ muxl qveSa fosos qveda kuTxeSi an ufro qvemoT

\\ \\ \\ muxl qveSa fosos centrSi

\\ \\ \\ muxl qveSa fosos zeda kuTxeSi an ufro zemoT

\\ \\ \\ qvemo msxl isebri xvrel idan gamosvl amde

\\ \\ wvvis wina midamoSi Zval TaSua apkis xvrel iT gadadis:  
\\ \\ didi wvvis ukana arteria  
\\ \\ mcire wvvis saerTo nervis Rrma toti  
\\ \\ didi wvvis wina arteria  
\\ \\ mcire wvvis saerTo nervis zedapirul i toti

\\ \\ \\ wvvis gareTa Zval -fasciuri bude Seicavs Semdeg kunTebis:  
\\ \\ terfis gamSI el da TiTebis gamSI el kunTebis  
\\ \\ TiTebis grZel momxrel da didi wvvis ukana kunTebis  
\\ \\ mcire wvvis grZel da mokl e kunTebis  
\\ \\ TiTebis grZel gamSI el da mcire wvvis mokl e kunTebis

\\ \\ \\ wvvis-muxl qveSa arxis ukana kedel s qmnis:  
\\ \\ didi wvvis ukana kunTi  
\\ \\ wvvis fasciis zedapirul i furcel i  
\\ \\ muxl qveSa kunTi  
\\ \\ wvvis fasciis Rrma furcel i

\\ \\ \\ amputaciis mizania:  
\\ \\ avadmyofis sicocxl is gadarCena da proTezirebisaTvis gamosayenebel i takvis Seqmna  
\\ \\ avadmyofis mdgomareobis nawil obrivi gaumj obeseba  
\\ \\ avadmyofis mdgomareobis stabil urobis Seqmna  
\\ \\ avadmyofis kardiogenuri Sokidan gamoyvana

\\ \\ \\ takvis vargisianobas gansazRrvavs:  
\\ \\ pacientis zogadi mdgomareoba  
\\ \\ pacientis sqesi  
\\ \\ pacientis asaki  
\\ \\ takvis sigrZe, forma da dayrdnobis unari

\\ \\ \\ special uri iaraRebi, roml ebic gamoiyeneba amputaciis dros:  
\\ \\ saamputacio danebi, xerxebi, raspatorebi, mkvnetarebi, Woposnebi  
\\ \\ makratl ebi, zondebi, momWerebi  
\\ \\ sarkeebi, niCbebi, el eqtro trepanebi  
\\ \\ pincetebi, mkvnetarebi, zondebi, xel is trepanebi

\\ \\ \\ gil iotinuri wesis dros kiduri ikveTeba:  
\\ \\ yvel a rbil i qsovil i ikveTeba erTbaSad Zvl amde da amave doneze ixerxeba Zval i  
\\ \\ pirvel ad ikveTeba kani, Semdeg kunTebi da bol os ixerxeba Zval i  
\\ \\ ikveTeba kani da kunTebi da SekumSul i kunTebis doneze ixerxeba Zval i  
\\ \\ ikveTeba kani, zerel e kunTebi, Semdeg Rrma kunTebi, xol o bol os ixerxeba Zval i  
\\ \\ \\ ra ikveTeba ormomentiani amputaciis dros meore momentad:  
\\ \\ gakveTil i da gadanergil i kanis doneze gadai kveTeba kunTebi  
\\ \\ gakveTil i kanis doneze gai kveTeba fascia  
\\ \\ gakveTil i kanis doneze gadai xerxeba Zval i  
\\ \\ gadaweul i kanis doneze gadai kveTeba kunTebi.

\\ \\ \\ irgvl ivi amputaciis Semdeg nawiburi mdebareobs:  
\\ \\ takvis medial ur zedapirze

- \\ takvis sayrden zedapirze
- \\\ takvis lateral ur zedapirze
- \\\ takvis zeda zedapirze

- \\\ amputaciis dros ra doneze ikveTeba nervi Zvl is bol odan:
- \\\ 1-2 sm
- \\ 4-5 sm
- \\\ 8-10 sm
- \\\ 10-12 sm

- \\\ romel i wesiT keTdeba III da IV TiTebis amosaxsvra:
- \\ janel izis da farabefis
- \\ Cognisebri da l upis
- \\\ farabefis da pirogovis
- \\\ mal genis da farabefis

- \\\ romel i wesiT srul deba mxris amputacia Sua mesamedSi:
- \\ erTnafl eTovani wesiT
- \\ ornafl eTovani wesiT
- \\\ samnafl eTovani wesiT
- \\\ manJetis wesiT

- \\\ ras niSnavs termini "reamputacia":
- \\ takvis gakveTas ganivad Zval Tan midgomis mizniT
- \\ takvis nawil obriv mokveTas
- \\ takvis ganmeorebiT mokveTas
- \\ takvis gakveTas sisxl ZarRvebTan midgomis mizniT

- \\\ kiserze arCeven:
- \\ gareTa, SigniTa, gverdiT da Suamdebare kunTebis
- \\ zedapirul , Sua, gverdiT da Rrma kunTebis
- \\ zedapirul , gareTa, Rrma da SigniTa kunTebis
- \\ pariesul da visceral kunTebis

- \\\ kisris meore fascia qveviT umagrdeba:
- \\ gul mkerdis zedapirul fascias
- \\ l aviwisa da mkerdis taris ukana zedapirs
- \\ l aviwisa da mkerdis taris wina zedapirs
- \\ pirvel neknebsa da mkerdis kuTxes

- \\\ retroviscerul i sivrcis qsovil i ukavSirdeba:
- \\ wina Suasayaris qsovil s
- \\ ukana Suasayaris qsovil s
- \\ frTisebrkunTTaSua napral is qsovil s
- \\ safeTqel frTisebri napral is qsovil s

- \\ \\ farisebr da paraTiroidul j irkvl ebs anervebs:
- \\ \\ xorxis zeda da qveda nervebi
- \\ \\ xorxis Sebrunebul i nervebi da simpaTikuri wvel i
- \\ \\ ena-xaxis da damatebiTi nervebi
- \\ \\ damatebiTi da enisqveSa nervebi

- \\ \\ kisris Sua j gufis kunTebidan inis Zvl is zemoT mdebareobs:
- \\ \\ ormucel a, sadgis-inis, yba-inisa da ena-inis kunTebi
- \\ \\ beW-inis, sadgis-inis da ena-inis kunTebi
- \\ \\ far-inis, ormucel a, sadgis-inis, yba-inis kunTebi
- \\ \\ ormucel a, tyupi, kisris ganieri kunTebi

- \\ \\ kisris meoTxe fasciis pariesul i furcel i romel sisxl ZarRvovan-nervul konas uqmnis budes?
- \\ \\ kisris ganiv sisxl ZarRvovan-nervul konas
- \\ \\ kisris irib sisxl ZarRvovan-nervul konas
- \\ \\ kisris gaswriv sisxl ZarRvovan-nervul konas
- \\ \\ kisris zeda sisxl ZarRvovan-nervul konas

- \\ \\ romel i kunTi qmnis pirogovis samkuTxedis fskers:
- \\ \\ ena-inis kunTi
- \\ \\ yba-inis kunTi
- \\ \\ sadgis-inis kunTi
- \\ \\ nikap-enis kunTi

- \\ \\ rogor ganakveTebis iyeneben kisris organoebTan mi dgomi saTvis:
- \\ \\ zedapirul s, ganivs da cvl ads
- \\ \\ Rrmas, iribs da gamodrekiI obiT zevi T
- \\ \\ kombiniirebul s, nal isebrs da gamodrekiI obiT qvevi T
- \\ \\ gaswrvivs, iribs, ganivs, kombiniirebul s

- \\ \\ ras umagrdeba qveviT kisris mesame fascia:
- \\ \\ pirvel i neknebisa da mkerdis Zvl is taris ukana zedapirebs
- \\ \\ pirvel i neknebisa da mkerdis Zvl is tars winidan
- \\ \\ mkerdis tarisa da I aviwebis wina zedapirebs
- \\ \\ mkerdis tarisa da I aviwebis ukana zedapirebs

- \\ \\ previscerul i sivrcis qsovil i ukavSirdeba:
- \\ \\ wina Suasayaris qsovil s
- \\ \\ ukana Suasayaris qsovil s
- \\ \\ kibisebr kunTTaSua sivrcis qsovil s
- \\ \\ kibisebr wina sivrcis qsovil s

- \\ \\ ra aris moTavsebul i medial urad saZil e samkuTxedSi
- \\ \\ saerTo saZil e arteria
- \\ \\ SigniTa sauRI es vena
- \\ \\ cTomil i nervi
- \\ \\ diafragmis nervi

\\ \\ kisris gverdiTi j gufis kunTebia:  
\\ \\ wina, Sua da ukana dakbil ul i kunTebi  
\\ \\ wina, Sua da SigniTa kibisebri kunTebi  
\\ \\ wina da ukana iribi kunTebi  
\\ \\ wina, Sua da ukana kibisebri kunTebi

\\ \\ \\ romel sivrces gamofens kisris meoTxe fasciis pariesul i furcel i  
\\ \\ xerxeml is win mdebare sivrces  
\\ \\ sivrces, romel Sic kisris organoebi mdebareobs  
\\ \\ xaxis ukan mdebare sivrce  
\\ \\ kisris l ateral ur samkuTxedSi mdebare kunTTaSua sivrceebS

\\ \\ \\ kisris midamo iyofa:  
\\ \\ zeda da qveda midamoebad  
\\ \\ medial ur da l ateral ur nawil ebad  
\\ \\ wina da ukana nawil ebad  
\\ \\ pariesul da visceral ur nawil ebad

\\ \\ \\ saerTo saZil e arteriasTan midgomis ganakveTs gaavl eben:  
\\ \\ mkerd-l aviw-dvril isebri kunTis medial ur kideze, farisebri xrtil is  
zeda kididan qveviT 6sm manZil ze  
\\ \\ mkerd-l aviw-dvril isebri kunTis SuaSi, sigrZiT 6sm  
\\ \\ kisris Sua xazze, sigrZiT 6sm  
\\ \\ mkerd-l aviw-dvril isebri kunTis l ateral uri kidis gaswrviv

\\ \\ \\ sad isinj eba kisris VI mal is ganivi morCi, romel zec xel is daWeriT  
SeiZl eba saerTo saZil e arteria davaxSoT:  
\\ \\ farisebri xrtil is zeda kidis doneze  
\\ \\ inis Zvl is sxeul is doneze  
\\ \\ farisebri xrtil is naWdevis doneze  
\\ \\ beWdisebri xrtil is doneze

\\ \\ \\ inis Zval ze gavl ebul i horizontal uri xaziT orive medial uri  
samkuTxedi iyofa:  
\\ \\ inis zeda da inis qveda mi damoebad  
\\ \\ kisris zeda da qveda mi damoebad  
\\ \\ saZil e da nikapqveSa mi damoebad  
\\ \\ beW-sasul es da qvedaybi sqveSa mi damoebad

\\ \\ \\ qvedaybi sqveSa samkuTxedi winidan mosazRvrul ia:  
\\ \\ ormucel a kunTis ukana mucl iT  
\\ \\ yba-inis kunTiT  
\\ \\ ena-inis kunTiT  
\\ \\ ormucel a kunTis wina mucl iT

\\ \\ \\ kisris l ateral uri samkuTxedi winidan mosazRvrul ia:  
\\ \\ Sua xaziT  
\\ \\ beW-inis kunTiT  
\\ \\ inis Zvl iT  
\\ \\ mkerd-l aviw-dvril isebri kunTiT

\\ \\ beW-trapeciul i (beW-mandil is) samkuTxedi winidan moisazRvreba:  
\\ \\ beW-inis kunTiT  
\\ \\ mkerd-l aviw-dvril isebri kunTiT  
\\ \\ trapeciul i (mandil is) kunTiT  
\\ \\ Sua xaziT

\\ \\ \\ beW-l aviwis samkuTxedi qvevidan moisazRvreba:  
\\ \\ l aviwiT  
\\ \\ beW-inis kunTis qveda mucl iT  
\\ \\ ormucl a kunTis ukana mucl iT  
\\ \\ beW-inis kunTis zeda mucl iT

\\ \\ \\ sasul es kisris nawil is qveda sazRvari winidan Seesabameba:  
\\ \\ mkerdis Zvl is kuTxes  
\\ \\ mkerdis sauRI e naWdevs  
\\ \\ mkerdis Zvl is tars  
\\ \\ mkerdis Zvl is qveda bol os

\\ \\ \\ sasul is kisris nawil s kvebavs:  
\\ \\ farisebri zeda arteria  
\\ \\ farisebri qveda arteria  
\\ \\ xerxeml is arteria  
\\ \\ nekn-kisris Rero

\\ \\ \\ kisris wnul i yal ibdeba:  
\\ \\ zurgis tvinis zeda 2 nervis wina totebiT  
\\ \\ zurgis tvinis zeda 3 nervis wina totebiT  
\\ \\ zurgis tvinis zeda 4 nervis wina totebiT  
\\ \\ saxis nervis totebiT

\\ \\ \\ pirogovis samkuTxedi zevidan mosazRvrul ia:  
\\ \\ cTomil i nerviT  
\\ \\ enis nerviT  
\\ \\ enisqveSa nerviT  
\\ \\ ena-xaxis nerviT

\\ \\ \\ ramden SemTxvevaSi gv xvdeba farisebri jirkvl is piramidul i wil i?  
\\ \\ SemTxvevaTa mesamedSi  
\\ \\ SemTxvevaTa 50%-Si  
\\ \\ SemTxvevaTa 60%-Si  
\\ \\ SemTxvevaTa 80%-Si

\\ \\ \\ farisebri jirkval i winidan dafarul ia:  
\\ \\ sadgis-inis, yba-inis da ena-inis kunTebiT  
\\ \\ mkerd-inis, mkerd-farisebri da beW-inis kunTebiT  
\\ \\ mkerd-l aviw-dvril sebri da beW-inis kunTebiT  
\\ \\ nikap-inis da far-inis kunTebi

\\ \\ \\ farisebri jirkvl is gverdiTi wil ebi ukana zedapiriT exeba:  
\\ \\ sayl apav mil s, sasul es da simpaTikur wvel s  
\\ \\ xorxis Sebrunebul nervs, sasul es, mxar-Tavis Reros

\\ SigniTa saZil e arterias, gul mkerdis sadinars, venur kuTxes  
\\ xaxas, sayl apav mil s, xorxis Sebrunebul nervsa da SigniTa saZil e arterias

\\ \\ farisebri qveda arteria gamoeyofa:

\\ SigniTa saZil e arterias

\\ I aviwqveSa arterias

\\ far-kisris Reros

\\ nekn-kisris Reros

\\ \\ sayl apavi mil is kisris nawil s winidan exeba:

\\ sasul es apkisebri kedel i

\\ aortis rkal i

\\ mxar-Tavis Rero

\\ mxar-Tavis vena

\\ \\ sasul e-sayl apavi mil is RarebSi gaivl is:

\\ cTomil i nervebi

\\ farisebri zeda arteriebi

\\ xorxis Sebrunebul i nervebi

\\ saerTo saZil e arteriebi

\\ \\ sayl apavi mil is kisris nawil s anervebs:

\\ xorxis zeda nervebi

\\ ena-xaxisa da simpaTikuri nervebi

\\ xorxis Sebrunebul i da simpaTikuri nervebi

\\ diafragmisa da simpaTikuri nervebi

\\ \\ saerTo saZil e arteriis bifurkaciis areSi mdebareobs:

\\ I imfuri kvanZebis grova

\\ venuri kuTxe

\\ kiser-gul mkerdis kvanZi

\\ sinokarotidul i refl eqsogenuri zona

\\ \\ saZil e samkuTxedSi SigniTa saZil e arterias, gareTa saZil e arteriasa da mis totebs winidan, garedan SigniT gadauvl is:

\\ enisqveSa nervi

\\ enis nervi

\\ cTomil i nervi

\\ simpaTikuri wvel i

\\ \\ saZil e samkuTxedSi gv xvdeba Semdegi fasciebi:

\\ I, III, IV

\\ II, III, V

\\ I, II, III, IV

\\ I, II, IV, V

\\ \\ sad mdebareobs saZil e samkuTxedSi cTomil i nervi:

\\ saerTo saZil e arteriasa da sayl apavs Soris da ukan



\\ SigniTa sauRI e venasa da farisebri jirkvl is gverdiT wil s Soris da win

\\ saerTo saZil e arteriasa da SigniTa sauRI e venas Soris da ukan

\\ saerTo saZil e arteriasa da SigniTa sauRI e venas Soris da win

\\ \\ beW-sasul es samkuTxedi Signidan mosazRvrul ia:

\\ \\ ormucl a kunTis ukana mucl iT

\\ \\ beW-inis kunTis zeda mucl iT

\\ \\ beW-inis kunTis qveda mucl iT

\\ \\ sasul eTi

\\ \\ \\ kibisebr-xerxeml is samkuTxedi qvevidan mosazRvrul ia:

\\ \\ sauRI e naWdeviT

\\ \\ aortis rkal iT

\\ \\ fil tvis mwverval iT

\\ \\ pl evris gumbaTiT

\\ \\ \\ sad mdebareobs I aviWqveSa arteriis mesame nawil i:

\\ \\ beW-I aviwis samkuTxedSi

\\ \\ beW-sasul es samkuTxedSi

\\ \\ beW-trapeciul samkuTxedSi

\\ \\ kibisebr wina sivrceSi

\\ \\ \\ kibisebr-xerxeml is samkuTxedSi I aviWqveSa arterias gamoeyofa:

\\ \\ xerxeml is arteria, gul mkerdis SigniTa arteria, far-kisris Rero, nekn-kisris Rero

\\ \\ xerxeml is, gul mkerdis SigniTa, beWqveSa, gul mkerd-akromionis arteria

\\ \\ gul mkerdis SigniTa, tvinis ukana, xorxis qveda da zeda arteriebi

\\ \\ beWqveSa, farisebri zeda, enis, xaxis aswrvivi arteriebi

\\ \\ \\ sad mdebareobs I aviWqveSa arteria beW-I aviwis samkuTxedSi:

\\ \\ I aviWqveSa venis ukan da zevi T

\\ \\ I aviWqveSa venis win da zevi T

\\ \\ I aviWqveSa venis ukan da qvevi T

\\ \\ I aviWqveSa venis win da qvevi T

\\ \\ \\ kibisebr kunTTaSua sivrce winidan mosazRvrul ia:

\\ \\ mkerd-farisebri kunTiT

\\ \\ mkerd-inis kunTiT

\\ \\ far-inis kunTiT

\\ \\ wina kibisebri kunTiT

\\ \\ \\ kibisebr kunTTaSua sivrceSi mdebareobs:

\\ \\ I aviWqveSa arteria, mxris wnul i

\\ \\ I aviWqveSa arteria da vena

\\ \\ I aviWqveSa vena, mxris wnul i

\\ \\ I aviWqveSa arteria da gul mkerdis I imfuri sadinari

\\ \\ \\ mkerd-I aviW-dvril isebri kunTis wina kidis gaswrviv gatarebul i ganakveTi gamoiyeneba:

\\ \\ farisebr jirkval ze mi dgomi saTvis

\\ \\ xaxaze mi dgomi saTvis

\\ \\ sasul eze mi dgomi saTvis

\\ gaswvri v sisxl ZarRvovan-nervul konasTan mi dgomi saTvis

\\ \\ kisris Wriil obis SemTxvevaSi Wriil obis arxisTvis damaxasiaTebel ia:

\\ \\ swori mimarTul eba

\\ \\ daki akniil oba

\\ \\ gaswvri vi mimarTul eba

\\ \\ iribi mimarTul eba

\\ \\ \\ ras miebjineba nemsis wveri viSnevskis mixedviT vago-simpaTikuri  
bl okadis Sesrul ebisas:

\\ \\ sayl apav mil s

\\ \\ xerxemal s

\\ \\ farisebr jirkval s

\\ \\ sasul es

\\ \\ \\ romel i mxridan atareben abreSumis Zafis I ligaturebs saerTo saZil e  
arteriis qveS misi gadaskvnis dros:

\\ \\ arteriis mxridan

\\ \\ cTomil i nervis mxridan

\\ \\ SigniTa sauRI e venis mxridan

\\ \\ mxar-Tavis Reros mxridan

\\ \\ \\ saerTo saZil e arteriis gadaskvis dros or I ligaturas Soris misi  
gadakveTiT gamoiTiSeba arteriis kedl ebSi mdebare simpaTikuri nervebi, rac  
xel s uwyobs:

\\ \\ tkivil is Semcirebas operaciis Semdeg

\\ \\ anastomozebis gafarToebasa da kol ateral uri sisxl is mimoqcevis  
ganviTarebas

\\ \\ sisxl is denis saimedod SeCerebas

\\ \\ gul is muSaobis gaumj obesebas

\\ \\ \\ traqeostomia miznad isaxavs:

\\ \\ fil tvebis sakmarisi ventil aciis pirobebis Seqmnas

\\ \\ xmovani aparatis funqciis aRdgenas

\\ \\ sasul eSi sisxl is mimoqcevis gaumj obesebas

\\ \\ gul is muSaobis gaumj obesebas

\\ \\ \\ traqeostomiis dros sasul eSi haeris Sesvl aze miuTiTebis:

\\ \\ Zl ieri xvel a

\\ \\ qoSini

\\ \\ sisxl is wnevis momateba

\\ \\ sisxl is wnevis dacema

\\ \\ \\ kisris Rrma j gufis kunTebia:

\\ \\ kisris Rrma, zedapirul i, xerxeml is wina kunTebi

\\ \\ kisris mokl e, Tavis mokl e, Tavis swori kunTebi

\\ \\ kisris mokl e, grZel i, Tavis swori kunTebi

\\ \\ kisris grZel i, Tavis grZel i, Tavis wina swori, Tavis I ateral uri swori  
kunTebi

\\ \\ kisris meoTxe fasciis viscerul i furcel i fasciur budeebs uqmnis:  
\\ kisris organoebS  
\\ \\ mkerd-l aviw-dvril isebr da trapeciul kunTebS  
\\ \\ xorxis wina da ukana kunTebS  
\\ \\ nuSisebr da sanerwyve j irkvl ebs

\\ \\ \\ romel i samkuTxedis fargl ebSi mdebareobs pirogoviS samkuTxedi?  
\\ \\ qvedaybi sqveSa  
\\ \\ saZil e  
\\ \\ beW-sasul is  
\\ \\ beW-trapeciul i

\\ \\ \\ romel meTods iyeneben simpaTikuri wvel isa da cTomil i nervis  
erTdroul i bl okadisas:  
\\ \\ bl okada j anel iZis mixedviT  
\\ \\ bl okada CaCavas mi xedviT  
\\ \\ bl okada opel is mixedviT  
\\ \\ bl okada viSnevskiS mi xedviT

\\ \\ \\ kisris pirvel i fascia budes uqmnis  
\\ \\ mkerd-l aviw-dvril isebr kunTs  
\\ \\ kisris kibisebr kunTebS  
\\ \\ kisris kanqveSa kunTs  
\\ \\ trapeciul kunTs  
\\ \\ \\ mkerdzeda aponevrozTaSorisi sivrce mdebareobs:  
\\ \\ kanqveSa qsovil Si  
\\ \\ pirvel da meore fasciebs Soris  
\\ \\ meore da mesame fasciebs Soris  
\\ \\ mesame da meoTxe fasciebs Soris

\\ \\ \\ romel i samkuTxedis fargl ebSia l aviwqveSa arteria, vena da mxris  
wnul i?  
\\ \\ qvedaybi sqveSa  
\\ \\ beW-l aviwis  
\\ \\ beW-sasul es  
\\ \\ beW-trapeciul is

\\ \\ \\ ratomaa gansakuTrebiT saxifaTo kiserze operaciebis dros venebis  
dazianeba:  
\\ \\ Trombofl ebitis ganviTarebis gamo  
\\ \\ farisebri j irkvl is venebis Trombozis gamo  
\\ \\ haerovani embol iis ganviTarebis gamo  
\\ \\ tvinis iSemiis gamo

\\ \\ \\ romel i fascia qmnis kisris TeTr xazs:  
\\ \\ pirvel i  
\\ \\ meore  
\\ \\ mesame  
\\ \\ meoTxe

\\ \\ \\ qvedaybi sqveSa j irkval i uSual od exeba:  
\\ \\ yba-yuris j irkval s

\\ farisebr jirkval s  
\\ qveda ybis Zvl is SigniTa zedapirs  
\\ qveda ybis Zvl is gareTa zedapirs

\\ \\ ra niSniT ganarCeven gareTa saZil e arterias SigniTasagan WriI obaSi:  
\\ gamoyofil i totebiT  
\\ gverdiTi totebis ar arsebobiT  
\\ daki akniI obiT  
\\ "myvinTavi" msvl el obiT

\\ \\ kisris fasciebs Seiswavl ian:  
\\ \\ ToiZis sqemiT  
\\ demetraZis sqemiT  
\\ iosel ianis sqemiT  
\\ Sevkenenkos sqemiT

\\ \\ sasul is wina sivrce warmoadgens previscerul i sivrcis im nawil s,  
romel ic mdebareobs:  
\\ farisebri jirkvl is yel is qvemoT  
\\ farsiebri jirkvl is yel is zemoT  
\\ sasul is bifurkaciis zemoT  
\\ sasul is bifurkaciis qvemoT

\\ \\ romel i samkuTxedis fargl ebSia saerTo saZil e arteria, SigniTa  
sauRI e vena da cTomil i nervi:  
\\ beW-sasul es  
\\ beW-I aviwis  
\\ beW-trapeciul is  
\\ saZil e

\\ \\ kiseri zevidan mosazRvrul ia:  
\\ qvedaybis kidiT, qedis zeda xaziT, kefis gareTa SemaRI ebiT  
\\ qvedaybis kidiT, gareTa sasmeni xvrel idan bregmamde gavl ebul i xaziT  
\\ qedis zeda xazis doneze gavl ebul i horizontal uri sibrtiyiT  
\\ kefis gareTa SemaRI ebasa da nikaps Soris gavl ebul i xaziT

\\ \\ kisris medial uri samkuTxedi zevidan mosazRvrul ia:  
\\ qveda ybiT  
\\ inis Zvl is sxel iT  
\\ sadgis-inis kunTiT  
\\ ormucel a kunTis ukana mucl iT

\\ \\ iniszedamidamoSi gamoiyofa:  
\\ ybisqveSa da saZil e samkuTxedebi  
\\ nikapqveSa da ybisqveSa samkuTxedebi  
\\ beW-sasul es da beW-trapeciul i samkuTxedebi  
\\ beW-trapeciul i da ybisqveSa samkuTxedebi

\\ \\ qvedaybisqveSa samkuTxedi Signidan mosazRvrul ia:  
\\ yba-inis kunTiT  
\\ ormucel a kunTis ukana mucl iT  
\\ ena-inis kunTiT

\\ nikap-inis kunTiT

\\ \\ kisris I ateral uri samkuTxedi ukni dan mosazRvrul ia:

\\ trapeciul i kunTiT

\\ mkerd-I aviw-dvril iseberi kunTiT

\\ wina kibiseberi kunTiT

\\ Sua kibiseberi kunTiT

\\ \\ beW-trapeciul i (beW-mandil is) samkuTxedi ukni dan moi sazRvrebA:

\\ trapeciul i kunTiT

\\ mkerd-I aviw-dvril iseberi kunTiT

\\ I aviwiT

\\ qveda ybiT

\\ \\ beW-I aviwis samkuTxedi Signi dan moi sazRvrebA

\\ inis Zvl iT

\\ mkerd-fariseberi kunTiT

\\ mkerd-inis kunTiT

\\ mkerd-I aviw-dvril iseberi kunTiT

\\ \\ sasul es kisris nawil is qveda sazRvari ukni dan Seesabameba:

\\ gul mkerdis V mal is qveda kides

\\ gul mkerdis IV mal is qveda kides

\\ gul mkerdis III mal is qveda kides

\\ gul mkerdis II mal is qveda kides

\\ \\ kisris midamos zerel e warmonaqmnebia:

\\ pl atizma, kanqveSa venebi, kanqveSa nervebi

\\ pl atizma, mkerd-I aviw-dvril iseberi kunTi

\\ mkerd-I aviw-dvril iseberi kunTi, kanqveSa venebi

\\ SigniTa sauRI e vena, kanqveSa nervebi

\\ \\ kisris wnul is totebia:

\\ I aviwzeda, mkerdis medial uri da I ateral uri nervebi

\\ kefis didi da nikapis nervebi

\\ kisris ganivi da mkerdis I ateral uri nervebi

\\ kefis mcire, yuris didi, kisris ganivi da I aviwzeda nervebi

\\ \\ pirogovis samkuTxedi qveidan mosazRvrul ia:

\\ enis nervi T

\\ ormucel a kunTis ukana mucl is myesi T

\\ ormucel a kunTis wina mucl is myesi T

\\ enisqveSa nervi T

\\ \\ fariseberi jirkvl is fibrozul i kafsul isTvis damaxasiaTebel ia:

\\ faravs jirkvl is gverdiT wil ebs wini dan

\\ faravs jirkval s da ar aris dakavSirebul i organos stromasTan

\\ faravs jirkval s da mWidrod aris dakavSirebul i organos stromasTan

\\ faravs mxol od jirkvl is ukana zedapirs da mWidrodaa dakavSirebul i sasul esTan

\\ \\ fariseberi jirkvl is fasciur budes qmnis

- \\ kisris meore fascia
- \\ kisris mesame fascia
- \\ kisris meoTxe fasciis pariesul i furcel i
- \\ kisris IV fasciis viscerul i furcel i

- \\ \\ sad mdebareobs paraTiroidul i j irkvl ebi:
- \\ farisebri j irkvl is gverdiTi wil ebis ukan
- \\ farisebri j irkvl is yel is sisqeSi
- \\ fasciuri budis sisqeSi
- \\ fibrozul i kafsul is sisqeSi

- \\ \\ a. thyroidea ima gamoeyofa:
- \\ saxis arterias an SigniTa saZil e arterias
- \\ saxis arterias an gareTa saZil e arterias
- \\ mxar-Tavis Reros an aortis rkal s
- \\ mxar-Tavis Reros an far-kisris Reros

- \\ \\ sasul esa da sayl apav mil s Soris arsebobs
- \\ sasul e-sayl apavi mil is Rari
- \\ sasul e-sayl apavi mil is foso
- \\ sasul e-sayl apavis SemaRI eba
- \\ sasul e-sayl apavis arxi

- \\ \\ sayl apavi mil is kisris nawil is gverdebze mdebareobs:
- \\ farisebri j irkvl is gverdiTi wil ebis qveda bol oebi
- \\ farisebri j irkvl is yel i
- \\ farisebri j irkvl is piramidul i wil i
- \\ mxar-Tavis Rero

- \\ \\ saZil e samkuTxedi medial urad mosazRvrul ia:
- \\ mkerd-I aviw-dvril isebri kunTiT
- \\ trapeciul i kunTiT
- \\ mkerd-inis kunTiT
- \\ beW-inis kunTiT

- \\ \\ gareTa saZil e arterias saZil e samkuTxedSi gamoeyofa Semdegi arteriebi:
- \\ farisebri zeda, farisebri qveda, xaxis aswvrivi, enis, xerxeml is
- \\ farisebri zeda, xaxis aswvrivi, enis, saxis, kefis, yuris ukana
- \\ farisebri zeda, farisebri qveda, enis, safeTql is zedapirul i
- \\ farisebri zeda, xaxis aswvrivi, xorxis zeda, xorxis qveda

- \\ \\ saZil e samkuTxedSi gareTa saZil e arteriasa da mis totebs uknidan gadauvl is:
- \\ ena-xaxis nervi
- \\ xorxis zeda nervi
- \\ simpaTikuri wvel i
- \\ enisqveSa nervi

- \\ \\ beW-I aviwis samkuTxedSi gv xvdeba Semdegi fasciebi:
- \\ I, II, III, V

- \\ I, II, IV
- \\ IV da V
- \\ yvel a fascia

- \\ \\ saZil e samkuTxedSi sad mdebareobs SigniTa sauRI e vena:
- \\ saerTo saZil e arteriis medial urad
- \\ saerTo saZil e arteriis l ateral urad
- \\ saerTo saZil e arteriis win
- \\ saerTo saZil e arteriis ukan

- \\ \\ kisris romel samkuTxedSi ufro mosaxerxebel ia saerTo saZil e arteriasTan operaciul i midgoma:
- \\ beW-l aviwis
- \\ beW-trapeciul i
- \\ pirogovis
- \\ saZil e

- \\ \\ ramden nawil ad SeiZI eba daiyos l aviwqveSa arteria sigrZeze:
- \\ or nawil ad
- \\ sam nawil ad
- \\ oTx nawil ad
- \\ xuT nawil ad

- \\ \\ kibisebr-xerxeml is samkuTxedSi marj vena l aviwqveSa arteriis win mdebareobs:
- \\ SigniTa sasul e vena
- \\ venuri kuTxe
- \\ gul mkerdis l imfuri sadinari
- \\ simpaTikuri wvel is kvanZebi

- \\ \\ romel i arteriebi gamoeyofa l aviwqveSa arteriidan gamosul far-kisris Reros:
- \\ neknTaSua zemdebare, kisris Rrma arteriebi da zedapirul i arteriebi
- \\ farisebri qveda, beWzeda da kisris ganivi arteriebi
- \\ farisebri zeda, kisris Rrma da gul mkerdis l ateral uri arteriebi
- \\ xerxeml is, gul mkerdis l ateral uri da neknTaSua zemdebare arteriebi

- \\ \\ wina kibisebr sivrceSi gavil is:
- \\ l aviwqveSa vena
- \\ l aviwqveSa arteria
- \\ xerxeml is arteria
- \\ mxar-Tavis Rero

- \\ \\ ra moTxovnebia wamoyenebul i kiserze gavil ebul i ganakveTebis mimarT:
- \\ ganakveTi unda iyos SeZI ebisamebr didi da racional uri
- \\ ganakveTi unda iyos rac SeiZI eba patara, magram racional uri
- \\ ganakveTi unda iyos misaRebi mxol od kosmetikuri Tval sazrisiT

\\ ganakveTi unda iyos ara mar to racional uri, aramed misaRebi kosmetikuri Tval sazrisiTac

\\ \\ kiserze ganivi ganakveTebi gamoyenebul ia:

\\ farisebr j irkval ze midgomisaTvis

\\ saZil e arteriebTan midgomisaTvis

\\ sayl apavi mil is kisris nawil Tan midgomis mi zni T

\\ sasul eze midgomisaTvis

\\ \\ xorxisa da sasul is Wriil obebis qirurgiul i damuSavebisas aucil ebl ad akeTeben:

\\ traqeostomias da previscerul i sivrcis tamponacias

\\ kisris vago-simpaTikur bl okadas da traqeostomias

\\ diafragmis nervis al kohol izacias da retroviscerul i sivrcis tamponacias

\\ farisebri j irkvl is rezeqcias da pl evris Rrus drenirebas

\\ \\ sad vrcel deba novokainis xsnari mcocavi infil tratis saxiT vago-simpaTikuri bl okadis ganxorciel ebisas:

\\ previscerul sivrceSi

\\ sayl apavis irgvl iv

\\ xerxeml is wina fasciis gaswvri v

\\ kisris mesame fasciis gaswvri v

\\ \\ saerTo saZil e arteriis qveS gatarebul or l igaturas gadaskvnian:

\\ erTmaneTisagan 1,5sm daSorebi T

\\ erTmaneTisagan 5sm daSorebi T

\\ erTmaneTisagan 4sm daSorebi T

\\ erTmaneTisagan 1,5mm daSorebi T

\\ \\ sad ufro mizanSewonil ia gareTa saZil e arteriis gadaskvna:

\\ uSual od saerTo saZil e arteriis bifurkaciis doneze

\\ yba-yuris j irkvl is sisqeSi

\\ zeda farisebri arteriis gamosvl is Semdeg

\\ saxis arteriis gamosvl is Semdeg

\\ \\ zeda traqeotomiis Sesrul ebisas ganakveTs avl eben:

\\ Sua xazis gverdiT farisebri xrtil is Sua donidan qveviT 6-7sm manZil ze

\\ zustad Sua xazze farisebri xrtil is Sua donidan qveviT 6-7sm manZil ze

\\ zustad Sua xazze inis Zvl idan qveviT 6-7sm manZil ze

\\ Sua xazis gverdiT inis Zvl idan qveviT 6-7sm manZil ze

\\ \\ Tireotoqsikuri Ciyvis dros akeTeben:

\\ farisebri j irkvl is erTi gverdiTi wil is amokveTas

\\ farisebri j irkvl is yel isa da gverdiTi wil is amokveTas

\\ farisebri j irkvl is arteriebis gadaskvnas

\\ farisebri j irkvl is subfasciur subtotal ur rezeqcias

\\ \\ romel i fasciebi unda gaikveTos beW-sasul es samkuTxedSi traqeostomiis dros:

\\ xuTive fascia



\\ yvel a fascia me-5 fasciis garda  
\\\ I da II fascia  
\\\ I da IV fascia

\\\ ramdeni fascia gamoiyofa kiserSi:  
\\\ 2  
\\\ 3  
\\\ 4  
\\ 5

\\\ romel warmonaqmnebs uqmnis budes kisris mexuTe fascia?  
\\ xerxeml is wina kunTebSa da simpaTikur wvel s  
\\\ xorxis wina kunTebSa da cTomil nervs  
\\\ kisris kanqveSa kunTsa da kisris kunTs  
\\\ kisris wnul s da mkerd-l aviw-dvril isebr kunTs  
\\\ sad proecirdeba kisris wnul i:  
\\\ qvedaybis kuTxeSi  
\\\ I aviwis Sua wertil Si  
\\\ mkerd-l aviw-dvril iseabri kunTis medial uri kidis Sua wertil Si  
\\ mkerd-l aviw-dvril iseabri kunTis l ateral uri kidis Sua wertil Si

\\\ romel i anatomiuri warmonaqmnis mimarT akeTeben zeda, Sua da qveda traqeostomias?  
\\\ beWdiseabri xrtil is  
\\\ fariseabri xrtil is  
\\\ inis Zvl is  
\\ fariseabri j irkvl is yel is

\\\ rogori formis farTobi uWiravs kisris mesame fascias:  
\\\ samkuTxedis  
\\\ romb is  
\\\ oval uri  
\\ trapeciis

\\\ CamoTvl il Tagan sasul es wina sivrceSi mdebareobs:  
\\\ xorxis zeda nervi, fariseabri zeda arteria da vena, paraTiroidul i j irkvl ebi  
\\\ xorxis qveda nervi, fariseabri qveda arteria, simpaTikuri wvel i  
\\ fariseabri kenti (venuri) wnul i, qveda fariseabri venebi, fariseabri yvel aze qveda arteria da vena  
\\\ xorxis venuri wnul i, farisebi yvel aze qveda arteria da vena

\\\ romel i arteriis totia enis arteria?  
\\ gareTa saZil e  
\\\ SigniT a saZil e  
\\\ sax is  
\\\ fariseabri zeda

\\\ kisris Sua j gufis kunTebidan inis Zvl is qveviT mdebareobs  
\\\ ormucel a, sadgis-inis, yba-inis da ena-inis kunTebi  
\\ mkerd-inis, mkerd-fariseabri, far-inisa da beW-inis kunTebi  
\\\ far-inis, beW-inis, ena-inisa da ormucel a kunTebi

\\ Tavis grZel i kunTi, kisris grZel i kunTi, wina kibisebri kunTi

\\ \\ meoTxe fasciis pariesul i furcel i gadadis

\\ ukana SuasayarSi

\\ piris RruSi

\\ wina SuasayarSi

\\ pl evris pariesul furcel Si

\\ \\ ra gavi is pirogovis samkuTedis fskeris qveS:

\\ SigniTa sauRI e vena

\\ farisebri zeda arteria

\\ xorxis zeda arteria

\\ enis arteria

\\ \\ rogor axorciel eben farisebri jirkvl is subtotal ur rezeqcias

\\ amoikveTeba gverdiTi wil ebis zeda bol oebi

\\ amoikveTeba gverdiTi wil ebi

\\ amoikveTeba gverdiTi wil ebi da yel is nawil i

\\ operacia keTdeba ise, rom adgil ze darCes jirkvl is gverdiTi wil ebis mcire ukana nawil ebi

\\ \\ romel i fascia ukavSirdeba kisris TeTr xazs:

\\ pirvel i

\\ meore

\\ mesame

\\ meoTxe

\\ \\ retroviscerul i sivrce mdebareobs:

\\ kisris meoTxe fasciis viscerul furcel sa da xerxeml is wina fascias Soris

\\ meoTxe fasciis pariesul da viscerul furcl ebs Soris

\\ pirvel da meore fasciebs Soris

\\ meore da mesame fasciebs Soris

\\ \\ romel i arteriis aRmoCenisas iyeneben orientirad pirogovis samkuTxeds:

\\ gareTa saZil e

\\ SigniTa saZil e

\\ saerTo saZil e

\\ enis

\\ \\ kiseri qvevidan mosazRvrul ia:

\\ mkerdis Zvl is sauRI e naWdevidan gul mkerdis I mal is wetian morCamde gavl ebul i xaziT

\\ sauRI e naWdeviT, I aviwiT da akromionidan kisris VII mal is wetian morCamde gavl ebul i xaziT

\\ I aviwebis zeda kideebiT da akromionidan kefis gareTa SemaRI ebande gavl ebul i xaziT

\\ akromionidan kisris V mal is wetian morCamde gavl ebul i horizontal uri xaziT

\\ \\ kisris medial uri samkuTxedi garedan mosazRvrul ia:

\\ mkerd-inis kunTiT  
\\ beW-inis kunTiT  
\\ mkerd-l aviw-dvril iseabri kunTiT  
\\ trapeciul i kunTiT

\\ \\ nikapqveSa samkuTxedi gverdebidan mosazRvrul ia:  
\\ marj vena da marcxena ormucel a kunTis ukana mucl ebiT  
\\ qveda ybis kidiT da ormucel a kunTis wina mucl iT  
\\ marj vena da marcxena ormucel a kunTis wina mucl ebiT  
\\ ormucel a kunTis wina mucl iT da Sua xaziT

\\ \\ qvedaybisqveSa samkuTxedi garedan mosazRvrul ia:  
\\ ormucel a kunTis ukana mucl iT  
\\ sadgis-inis kunTiT  
\\ sadgis-enis kunTiT  
\\ qveda ybis kidiT

\\ \\ kisris l ateral uri samkuTxedi qvevidan mosazRvrul ia;  
\\ inis Zvl iT  
\\ beW-inis kunTiT  
\\ l aviw iT  
\\ mkerdis sauRI e naWdeviT

\\ \\ beW-trapeciul i (beW-mandil is) samkuTxedi qvevidan moisazRvreba:  
\\ trapeciul i kunTiT  
\\ mkerd-l aviw-dvril iseabri kunTiT  
\\ l aviw iT  
\\ beW-inis kunTis qveda mucl iT

\\ \\ sasul es xrtil ovani rkal ebi erTmaneTTan dakavSirebul ia:  
\\ beWdiseabri iogebiT  
\\ myesovani simebiT  
\\ j varedina iogebiT  
\\ gaswrvivi iogebiT

\\ \\ qveda nawil Si sasul es gverdebidan exeba:  
\\ SigniT a saZil e arteriebi  
\\ gareTa saZil e arteriebi  
\\ SigniT a sauRI e venebi  
\\ saerTo saZil e arteriebi

\\ \\ haerovani embol iis ganviTarebis acil ebisaTvis, operaciis dros kisris midamos wril i venebic:  
\\ yuradRebiT unda datampondes  
\\ yuradRebiT unda gadaiskvnas da or kvanZs Sua gadaikevTos  
\\ savaraudo ganakveTis irgvl iv xel is TiTebiT unda daawven qsovil ebs  
\\ savaraudo ganakveTis irgvl iv qsovil ebi winaswar unda amoiker os

\\ \\ qvedaybisqveSa sanerwyve jirkval i mdebareobs Zval -fasciur parkSi, romel ic Seqmnil ia:

\\ kisris mesame fasciis furcl ebiTa da qveda ybis SigniTa zedapiriT  
\\ kisris meore fasciis furcl ebiTa da qveda ybis SigniTa zedapiriT  
\\ kisris mesame fasciis furcl ebiTa da qveda ybis gareTa zedapiriT  
\\ kisris meore fasciis furcl ebiTa da qveda ybis gareTa zedapiriT

\\ \\ pirogovis samkuTxedi winidan mosazRvrul ia:

\\ ena-inis kunTiT  
\\ sadgis-inis kunTiT  
\\ nikap-enis kunTiT  
\\ yba-inis kunTiT

\\ \\ farisebri jirkval i garedan dafarul ia:

\\ serozul i budiT  
\\ xrtil ovani budiT  
\\ kunTovani budiT  
\\ fasciuri budiT

\\ \\ farisebri jirkvl is yel i mdebareobs sasul es wina zedapirze:

\\ VI xrtil ovani rkal is fargl ebSi  
\\ V-VI xrtil ovani rkal ebis fargl ebSi  
\\ IV-V xrtil ovani rkal ebis fargl ebSi  
\\ I-III xrtil ovani rkal ebis fargl ebSi

\\ \\ farisebr da paraTiroidul jirkvl ebs sisxl iT amaragebs:

\\ ori zeda da ori qveda farisebri arteria, zogj er agreTve a. thyroidea ima  
\\ erTi zeda da ori qveda farisebri arteriebi  
\\ ori zeda da erTi qveda farisebri arteriebi  
\\ ori zeda, ori qveda farisebri arteriebi agreTve kisris Rrma arteria  
\\ \\ sayl apavi mil is kisris nawil i iwyeba:  
\\ kisris III mal is qveda kidesTan  
\\ kisris IV mal is qveda kidesTan  
\\ kisris V mal is qveda kidesTan  
\\ kisris VI mal is qveda kidesTan

\\ \\ sayl apavi mil is kisris nawil i dasawyiSive ixreba:

\\ marj vniv  
\\ win  
\\ marcxniv  
\\ ukan

\\ \\ sayl apavi mil is kisris nawil is ukan mdebareobs:

\\ kisris II fascia  
\\ kisris III fascia  
\\ kisris IV fascia  
\\ kisris V fascia

\\ \\ saZil e samkuTxedi I ateral urad mosazRvrul ia:

\\ mkerd-I aviw-dvriil isebri kunTiT  
\\ trapeciul i kunTiT  
\\ mkerd-inis kunTiT  
\\ mkerd-farisebri kunTiT

\\ \\ farisebr zeda arterias gamoeyofa totebi:  
\\ inisqveda, mkerd-I aviw-dvril isebri, xorxis zeda, beWd-farisebri  
\\ inisqveda, iniszedada, beWd-farisebri, saxis  
\\ mkerd-I aviw-dvril isebri, xorxis zeda, xerxeml is, kisris Rma  
\\ inisqveda, iniszedada, xaxis aswrvivi, kisris ganivi

\\ \\ saZil e samkuTxedSi saerTo saZil e arteriis wina zedapirebze  
daswrvivad eSveba:

\\ kisris maryuJis zeda toti  
\\ simpaTikuri wvel is kisris nawil i  
\\ diafragmis nervi  
\\ xorxis qveda nervi

\\ \\ beW-trapeciul samkuTxedSi gv xvdeba Semdegi fasciebi:

\\ I, II, III  
\\ I, II, V  
\\ I, IV, V  
\\ I, III, V

\\ \\ beW-sasul es samkuTxedSi garedan da zevidan mosazRvrul ia:

\\ ormucl a kunTis wina mucl iT  
\\ ormucl a kunTis ukana mucl iT  
\\ beW-inis kunTis zeda mucl iT  
\\ beW-inis kunTis qveda mucl iT

\\ \\ kibisebr-xerxeml is samkuTxedSi garedan mosazRvrul ia:

\\ mkerd-I aviw-dvril isebri kunTiT  
\\ wina kibisebri kunTiT  
\\ Sua kibisebri kunTiT  
\\ ukana kibisebri kunTiT

\\ \\ sad mdebareobs I aviwqveSa arteriis pirvel i nawil i:

\\ kibisebr wina sivrceSi  
\\ kibisebr kunTTaSua sivrceSi  
\\ beW-sasul es samkuTxedSi  
\\ kibisebr-xerxeml is samkuTxedSi

\\ \\ kibisebr-xerxeml is samkuTxedSi marj vena I aviwqveSa arterias qvevidan  
Semouvl is:

\\ kisris ganivi arteria  
\\ xorxis zeda nervi  
\\ xorxis Sebrunbul i nervi  
\\ SuasaZgidis nervi

\\ \\ beW-I aviwis samkuTxedSi gaivl is:

\\ I aviwqveSa arteria, I aviwqveSa vena, mxris wnul i  
\\ gareTa saZil e arteria, SigniTa sauRI e vena da cTomil i nervi  
\\ SigniTa saZil e arteria, SigniTa sauRI e vena, cTomil i nervi  
\\ I aviwqveSa arteria, I aviwqveSa vena, kisris wnul i

- \\ \\ wina kibisebri sivrcce ukni dan moisazRvreba:
- \\ \\ mkerd-l aviw-dvril isebri kunTiT
- \\ wina kibisebri kunTiT
- \\ \\ Sua kibisebri kunTiT
- \\ \\ ukana kibisebri kunTiT

- \\ \\ \\ wina kibisebri kunTis wina zedapirze kisris V fasciis qveS gaivl is:
- \\ \\ xorxis zeda nervi
- \\ \\ xorxis qveda nervi
- \\ \\ SuasaZgidis nervi
- \\ \\ cTomil i nervi

- \\ \\ \\ kiserze gaswvriV ganakveTebS iyeneben:
- \\ \\ gaswvriV sisxl ZarRvovan-nervul i konasTan midgomis mizniT
- \\ \\ kisris Sua nawil Si mdebare organoebze operaciul i CarevisaTvis
- \\ \\ kisris ukana nawil Si mdebare organoebTan midgomi saTvis
- \\ \\ avTvisebiani simsiVneebis metastazebis amokveTis dros

- \\ \\ \\ kiserze kombini rebul i ganakveTebiT sargebl oben:
- \\ \\ gaswvriV sisxl ZarRvovan-nervul konasTan midgomi saTvis
- \\ \\ sasul esTan midgomi saTvis
- \\ \\ farisebr j irkval Tan midgomi saTvis
- \\ \\ simsiVneebisa da Rrma I imfuri kvanZebis amosakveTad

- \\ \\ \\ mkerdzeda aponevrozTaSoriss fl egmona ixsnaba:
- \\ \\ mkerd-l aviw-dvril isebri kunTebis medial ur kideebS Soris gavl ebul i ganakveTiT
- \\ \\ mkerdis kuTxis doneze gavl ebul i gaswvriV ganakveTiT
- \\ \\ mkerdis Zvl is sxeul is SuaSi gavl ebul i ganakveTiT
- \\ \\ sauRI e naWdevis doneze dawyebul i ganakveTiT, romel sac avl eben Sua xazze qvevi dan zevi T

- \\ \\ \\ romel i simptomi viTardeba sworad Catarebul i vago-simpaTikuri bl okadis dros:
- \\ \\ kl od-bernar-horneris simptomi
- \\ \\ kurvazies simptomi
- \\ \\ pirogovis simptomi
- \\ \\ j anel iZis simptomi

- \\ \\ \\ saerTo saZil e arteriis ori I igaturiT gadaskvnisas zemo I igaturas adeben:
- \\ \\ bifurkaciidan 1mm daSorebiT
- \\ \\ bifurkaciidan 2mm daSorebiT
- \\ \\ bifurkaciidan 5mm daSorebiT
- \\ \\ bifurkaciidan 1,5sm daSorebiT

- \\ \\ \\ enis arteriasTan midgomis dros ganakveTs iwyeben mkerd-l aviw-dvril isebri kunTidan 1sm-iT win da avl eben ganiV mimarTul ebiT:
- \\ \\ qveda ybis kidesa da I aviws Soris arsebul i manZil is SuaSi
- \\ \\ inis Zvl is did rqasa da I aviws Soris arsebul i manZil is SuaSi
- \\ \\ qveda ybis kidis gayol ebiT

\\ qveda ybis kidesa da inis Zvl is did rqas Soris manZil is SuaSi

\\ \\ \\ garda saerTo qirurgiul isa, romel i special uri xel sawyoebia gankuTvnil i traqeostomiisaTvis:

\\ \\ didi zomis bl agvi kavebi, sasul is ganakveTis gamganierebel i, traqeostomiul i kanul a

\\ \\ ramdenime kbiliani maxvili da bl agvi kavebi, sasul is ganakveTis gamganierebel i, intubatori

\\ \\ erTkbiliani maxvili kavebi, mcire zomis bl agvi kavebi, sasul is ganakveTis gamganierebel i, traqeotomiul i kanul a

\\ \\ mcire zomis bl agvi kavebi, sasul is ganakveTis Semaviwrovebel i, traqeotomiul i kanul a, intubatori

\\ \\ \\ farisebri jirkvl is subfasciuri subtotal uri rezeqciis dros hemostazis Semdag farisebri jirkvl is takvs faraven:

\\ \\ meoTxe fasciis pariesul i furcl iT

\\ \\ jirkvl is fasciuri budiT da keraven

\\ \\ kunTis nafI eTiT mkvebav fexze

\\ \\ sasul es apkovani kedl iT

\\ \\ \\ romel i fascia yofs erTmaneTisgan kisris wina da ukana nawil ebs?

\\ \\ meore

\\ \\ mesame

\\ \\ meoTxe

\\ \\ mexuTe

\\ \\ \\ kisris previscerul i sivrcis zeda nawil Si mdebareobs:

\\ \\ sayl apavi mil i

\\ \\ sasul e

\\ \\ farisebri jirkval i

\\ \\ mkerdukana jirkval i

\\ \\ \\ ra doneze xdeba saerTo saZil e arteriis bifurkacia?

\\ \\ qveda ybis kuTxis doneze

\\ \\ farisebri xrtil is zeda kidis doneze

\\ \\ inis Zvl is doneze

\\ \\ farisebri xrtil is Sua doneze

\\ \\ \\ kisris zedapirul kunTebse ekuTvnis:

\\ \\ trapeciul i da mkerd-I aviw-dvril isebri

\\ \\ ormucel a da sadgis-inis

\\ \\ kisris kanqveSa da mkerd-I aviw-dvril isebri

\\ \\ beW-inis da mkerd-enis

\\ \\ \\ kisris meoTxe fascia Seicavs:

\\ \\ pariesul da viscerul furcl ebs

- \\ SigniTa da gareTa furcl ebs
- \\ zedapirul da Rma furcl ebs
- \\ faSar cximovan qsovil s

- \\ \\ qvedaybisqveSa samkuTxedSi gaivl is:
- \\ \\ I oyis arteria da vena, I oyis nervi
- \\ \\ zedaybis arteria da frTisebri wnul i
- \\ \\ saxis arteria da vena, cTomil i nervi
- \\ saxis arteria da vena, enisqveSa da enis nervebi

- \\ \\ ra doneze gamoeyofa xorxis Sebrunebul i nervebi cTomil nervs:
- \\ \\ farisebri jirkvl is yel is doneze
- \\ \\ I aviwqveSa arteriis qveS (marj vniv) da aortis rkal is win (marcxniv)
- \\ \\ qveda farisebri arteriis doneze
- \\ \\ zeda farisebri arteriis doneze

- \\ \\ kisris meore fascia budes uqmnis:
- \\ \\ pl atizmas
- \\ \\ trapeciul da mkerd-I aviw-dvril isebr kunTebS
- \\ \\ beW-inis, mkerd-farisebr da far-inis kunTebS
- \\ \\ yba-inis, mkerd-inis, beW-inis kunTebS

- \\ \\ organoebis wina (previscerul i) sivrce moTavsebul ia:
- \\ \\ kibisebr kunTTaSua sivrcis win
- \\ \\ kibisebr kunTTaSua sivrcis ukan
- \\ \\ kibisebr wina sivrcis win
- \\ \\ meoTxe fasciis pariesul da viscerul furcl ebs Soris

- \\ \\ ramdeni kafsul a aqvs farisebr jirkval s?
- \\ \\ ori
- \\ \\ erTi
- \\ \\ sami
- \\ \\ oTxi

- \\ \\ ra mdebareoba unda hqondes avadmyofs trageostomiis dros?
- \\ \\ zurgze, Tavi gadaweul ia ukan, beWebis qveS aqvs morgvi
- \\ \\ zurgze, Tavi mibrunebul ia marcxniv, beWebis qveS aqvs morgvi
- \\ \\ zurgze, Tavi daxril i aqvs qveviT
- \\ \\ naxevradmj domare mdgomareobaSi win daxril i TaviT

- \\ \\ romel kunTebS uqmnis budeebS kisris mesame fascia:
- \\ \\ beW-inis, mkerd-farisebr da far-inis
- \\ \\ ormucel a, sadgis-inis, yba-inis
- \\ \\ ormucel a, mkerd-inis da sadgis-inis
- \\ \\ mkerd-I aviw-dvril isebr da trapeciul

- \\ \\ kisris kanqveSa venebia:
- \\ \\ kisris Sua vena, kisris wina sauRI e vena, kisris SigniTa sauRI e vena
- \\ \\ kisris Sua vena, kisris wina sauRI e vena, kisris gareTa sauRI e vena
- \\ \\ kisris gaswrvivi vena, kisris gareTa sauRI e vena, SigniTa sauRI e vena
- \\ \\ kisris ganivi vena, gareTa sauRI e vena



\\ \\ rogor ganakveTs avl eben farisebri jirkvl is subtotal uri rezeqciis dros:

\\ \\ gaswvri vi mimaRTul ebis

\\ \\ iribi mimaRTul ebis

\\ \\ kombini rebul ganakveTs Ciyvis SemaRI ebaze

\\ \\ sayel os mimaRTul ebiT Ciyvis SemaRI ebaze qveviT gamodrekil i rkal is saxiT

\\ \\ \\ kiserze sad isinj eba saerTo saZil e arteriis pul sacia:

\\ \\ \\ qveda ybis kuTxeSTan

\\ \\ \\ mkerd-I aviw-dvril isebri kunTis I ateral ur kidesTan

\\ \\ \\ mkerd-I aviw-dvril isebri kunTis medial ur kidesTan zeda nawil Si

\\ \\ \\ \\ mkerd-I aviw-dvril isebri kunTis dvril isebr morCTan mimagrebi s adgil ze

\\ \\ \\ \\ kisris medial uri samkuTxedi Signidan mosazRvrul ia:

\\ \\ \\ \\ mkerd-I aviw-dvril isebri kunTiT

\\ \\ \\ \\ beW-inis kunTiT

\\ \\ \\ \\ mkerd-farisebri kunTiT

\\ \\ \\ \\ Sua xaziT

\\ \\ \\ \\ \\ nikapqveSa samkuTxedi qvemodan mosazRvrul ia:

\\ \\ \\ \\ \\ ormucel a kunTis ukana mucl iT

\\ \\ \\ \\ \\ ormucel a kunTis wina mucl iT

\\ \\ \\ \\ \\ farisebri xrtil iT

\\ \\ \\ \\ \\ inis Zvl is sxeul iT

\\ \\ \\ \\ \\ inis qveda midamos fargl ebSi kisris medial ur samkuTxedSi beW-inis kunTi gamoyofs:

\\ \\ \\ \\ \\ beW-I aviwisa da beW-sasul es samkuTxedeb s

\\ \\ \\ \\ \\ saZil e da beW-sasul es samkuTxedeb s

\\ \\ \\ \\ \\ qveda ybisqveSa da pirogovi s samkuTxedeb s

\\ \\ \\ \\ \\ beW-I aviwisa da saZil e samkuTxedeb s

\\ \\ \\ \\ \\ \\ kisris I ateral ur samkuTxedSi beW-inis kunTi gamoyofs:

\\ \\ \\ \\ \\ \\ nikapqveSa da ybisqveSa samkuTxedeb s

\\ \\ \\ \\ \\ \\ ybisqveSa da pirogovi s samkuTxedeb s

\\ \\ \\ \\ \\ \\ beW-sasul esa da saZil e samkuTxedeb s

\\ \\ \\ \\ \\ \\ beW-I aviwi s da beW-mandi l is (beW-trapeciul ) samkuTxedeb s

\\ \\ \\ \\ \\ \\ beW-I aviwi s samkuTxedi zevidan moisazRvreba:

\\ \\ \\ \\ \\ \\ ormucel a kunTis wina mucl iT

\\ \\ \\ \\ \\ \\ beW-inis kunTis zeda mucl iT

\\ \\ \\ \\ \\ \\ mkerd-inis kunTiT

\\ \\ \\ \\ \\ \\ beW-inis kunTis qveda mucl iT

\\ \\ \\ \\ \\ \\ \\ sasul es romel i kedel ia apkovani:

\\ \\ \\ \\ \\ \\ \\ wina

\\ \\ \\ \\ \\ \\ \\ gverdiTi

\\ \\ \\ \\ \\ \\ \\ ukana

\\ zeda

\\ \\ sasul es ukana apkovan kedel Tan urTierTobaSia:

\\ sayl apavi mil i

\\ \\ aortis rkal i

\\ \\ zeda Rru vena

\\ \\ qveda Rru vena

\\ \\ \\ kisris midamos zerel e nervebi warmoadgens:

\\ \\ mxris wnul is grZel totebs

\\ \\ samwvera nervis totebs

\\ \\ kisris wnul is totebs

\\ \\ mxris wnul is mokl e totebs

\\ \\ \\ qvedaybisqveSa jirkvl is sadinari ixzneba:

\\ \\ piris RruSi enisqveSa korZze

\\ \\ piris karibWeSi qveda eSvis doneze

\\ \\ piris RruSi enis I agamSi

\\ \\ piris RruSi enis ZirSi

\\ \\ \\ farisebri jirkval i Sedgeba Semdegi nawil ebisagan:

\\ \\ ori gverdiTi wil isa da sxeul isagan

\\ \\ ori gverdiTi wil isa da kudiani wil isagan

\\ \\ ori gverdiTi wil isa da yel isagan

\\ \\ sami wil isagan da sxeul isagan

\\ \\ \\ farisebri jirkvl is kafsul sa da fasciur budes Soris arsebobs:

\\ \\ faSari SemaerTebel qsovil ovani Canafeni

\\ \\ I orwovani garsis Canafeni

\\ \\ kunTovani Canafeni

\\ \\ I orwovani parkebi

\\ \\ \\ farisebri jirkvl is gverdiTi wil ebi mdebareobs:

\\ \\ farisebri xrtil is firfitebze, beWdisebri xrtil isa da sasul is gverdiT zedapirebze

\\ \\ farisebri xrtil is firfitebze, inis Zvl is sxeul ze da sayl apavi mil is wina zedapirze

\\ \\ beWdisebr xrtil ze, mxar-Tavis Reros wina zedapirze, simpaTikuri wvel is win

\\ \\ farisebri xrtil is firfitebze, saerTo saZil e arteriisa da SigniTa sauRI e venis wina zedapirze

\\ \\ \\ farisebri zeda arteria gamoeyofa:

\\ \\ SigniTa saZil e arterias

\\ \\ gareTa saZil e arterias

\\ \\ zedaybis arterias

\\ \\ saxis arterias

\\ \\ \\ sayl apavi mil is kisris nawil i aRwevs:

\\ \\ mkerdis Zvl is sauRI e naWdevis donemde

\\ mkerdis kuTxemde  
\\ mkerdis taramde  
\\ mkerdis Zvl is bol omde

\\ \\ sasul e-sayl apavi mil is Rari ufro mkafiod aris gamoxatul i:  
\\ sayl apavis zeda nawil Si  
\\ erTnairadaa gamoxatul i orive mxareze  
\\ marcxena mxareze  
\\ marj vena mxareze

\\ \\ sayl apavi mil is kisris nawil s sisxl iT amaragebs:  
\\ xorxis zeda arteria  
\\ farisebri zeda arteria  
\\ farisebri qveda arteria  
\\ xerxeml is arteria

\\ \\ saZil e samkuTxedi zevidan mosazRvrul ia:  
\\ ormucel a kunTis wina mucel iT  
\\ sadgis\_inis kunTiT  
\\ ormucel a kunTis ukana mucel iT  
\\ trapeciul i kunTiT

\\ \\ SigniTa sauRI e vena saZil e samkuTxedis qveda nawil Si dafarul ia:  
\\ saerTo saZil e arteriiT  
\\ trapeciul i kunTiT  
\\ mkerd-farisebri kunTiT  
\\ mkerd-l aviw-dvril isebri kunTiT

\\ \\ kisris mTavari sisxl ZarRvovan\_nervul i konis budis ukan xerxml is wina  
sivrceSi mdebareobs:  
\\ cTomil i nervi  
\\ xorxis zeda nervi  
\\ simpaTikuri wvel is kisris nawil i  
\\ gul mkerdis l imfuri sadinari

\\ \\ saZil e samkuTxedSi cTomil nervs gamoeyofa:  
\\ xorxis qveda, Sebrunebul i da sauRI e nervebi  
\\ xorxis zeda, sisxl is wnevis damwevi da SuasaZgidis nervebi  
\\ xorxis zeda, qveda, SigniTa da gareTa saZil e nervebi  
\\ xorxis zeda, sisxl is wnevis damwevi nervebi da gul is zeda totebi

\\ \\ beW-sasul es samkuTxedi garedan da qveidan mosazRvrul ia:  
\\ ormucel a kunTis ukana mucl iT  
\\ mkerd-l aviw-dvril isebri kunTiT  
\\ ormucel a kunTis wina mucl iT  
\\ beW-inis kunTis qveda mucl iT

\\ \\ kibisebr-xerxeml is samkuTxedi Signidan mosazRvrul ia:

\\ sasul eTi da Tavis I ateral uri swori kunTiT  
\\ xorxiT da Tavis wina swori kunTiT  
\\ xerxeml iTa da kisris grZel i kunTiT  
\\ xerxeml iT da Tavis wina swori kunTiT

\\ \\ sad mdebareobs I awiqveSa arteriis meore nawil i:  
\\ kibisebr wina sivrceSi  
\\ kibisebr kunTTaSua sivrceSi  
\\ beW-I awiwi samkuTxedSi  
\\ kibisebr-xerxeml is samkuTxedSi

\\ \\ kibisebr-xerxeml is samkuTxedSi marcxena I awiqveSa arteriis win  
mdebareobs:  
\\ venuri kuTxe  
\\ simpaTikuri wvel is kvanZebi  
\\ damatebiTi nervi  
\\ I awiqveSa vena

\\ \\ sad mdebareobs I awiqveSa vena beW-I awiwi samkuTxedSi:  
\\ I awiqveSa arteriis ukan da zeviT  
\\ I awiqveSa arteriis win da qveviT  
\\ I awiqveSa arterias gadauvl is ganivad win  
\\ I awiqveSa arterias gadauvl is ganivad ukni dan

\\ \\ wina kibisebri sivrce qvevi dan moisazRvreba:  
\\ I awiwiT  
\\ sauRI e naWdeviT  
\\ I awiqveSa kunTiT  
\\ pirvel i nekniT

\\ \\ kibisebr kunTTaSua sivrce qvevi dan mosazRvrul ia:  
\\ I awiwiT  
\\ pirvel i nekniT  
\\ sauRI e naWdeviT  
\\ I awiqveSa kunTiT

\\ \\ sad avl eben irib ganakveTebis kiserze?  
\\ trapeciul i kunTis wina an ukana kidis gaswvri  
\\ beW-inis kunTis zeda mucl is zeda an qveda kideebis gaswvri  
\\ mkerd-I awiwi-dvri ilisebri kunTis wina (medial uri) kidis gaswvri  
\\ beW-inis kunTis qveda mucl is zeda an qveda kidis gaswvri

\\ \\ Cazneqil i da uzravi nawiburis ganvitarebis acil ebis mizniT kiserze  
zogierTi operaciis dros:  
\\ yvel a Sres erT sibrtyeSi ar kveTen  
\\ yvel a Sres erT sibrtyeSi kveTen  
\\ gamoiyeneben kuTxovan ganakveTebis  
\\ gamoiyeneben kombini rebul ganakveTebis

\\ \\ sad xorciel deba Cxvl eta viSneviski mixedviT vago-simpaTikuri  
bl okadis dros:  
\\ mkerd-I awiwi-dvri ilisebri kunTis ukana kidis Sua wertil is odnav zemoT

\\ mkerd-l aviw-dvril isebri kunTis ukana kidis zeda mesamedis sazRvarze  
\\ mkerd-l aviw-dvril isebri kunTis wina kidis SuaSi  
\\ mkerd-l aviw-dvril isebri kunTis ukana kidis Sua wertil is odnav qvemoT

\\ \\ raSi mdgomareobs kl od-bernar-horneris simptomi, romel ic aRiniSneba warmatebiT Catarebul i vago-simpaTikuri bl okadis Semdeg:

\\ gugisa da Tval is napral is Seviwroveba, Tval is kakl is Caweva da bl okadis mxareze saxis hiperemia

\\ gugisa da Tval is napral is gafarToeba, saxis hiperemia

\\ egzofTal mi, saxis hiperemia da gaxSiirebul i sunTqva

\\ Tval is napral is Seviwroveba, creml is dena da tuCebis l orwovanis gafermkrTal eba

\\ \\ saerTo saZil e arteriis gadaskvnisas arterias l igaturebs Soris gadakveTen, ris Sedegadac:

\\ gamoiTiSeba mis kedl ebSi mdebare simpaTikuri nervebi

\\ gaZl ierdeba nivTierebaTa cvl a arteriis kedl ebSi

\\ aRar arsebobs Trombis ganviTarebis safrTxe

\\ SigniTa sauRI e venaSi gairdeba sisxl is nakadis siCqare

\\ \\ pirogovis samkuTxedis garda enis arteriis gadaskvna SeiZl eba:

\\ beW-sasul is samkuTxedSi

\\ beW-l aviwis samkuTxedSi

\\ saZil e samkuTxedSi

\\ enis si sqeSi

\\ \\ qveda trageostomiis dros ganakveTs avl eben:

\\ zustad Sua xazze inis Zvl idan mkerdis Zvl is sauRI e naWdevamde

\\ zustad Sua xazze mkerdis Zvl is taridan farisebri xrtil is zeda kidemde

\\ zustad Sua xazze mkerdis Zvl is sauRI e naWdevidan nikapamde

\\ zustad Sua xazze mkerdis Zvl is sauRI e naWdevidan beWdisebr xrtil amde

\\ \\ CamoTval eT kisris midamos Rrma kunTTaSua sivrceebi:

\\ zedapirul i kibisebri da Rrma kibisebri

\\ wina kibisebri da ukana kibisebri

\\ kibisebr zeda da kibisebr qveda

\\ wina kibisebri da kibisebr kunTTaSua

\\ \\ mucl is Rru zevidan moisazRvreba:

\\ ganivi kol inj iT da misi j orj l iT

\\ RviZl is da el enTis SuasaZgidismxri vi zedapirebi T

\\ SuasaZgidi T

\\ sasazRvro xazebze gavli ebul i sibrtyiT

\\ \\ CamoTval eT Tiaqris Semadgenel i el ementebi:

\\ Tiaqris kari, parki da SigTavsi

\\ Tiaqris parki, sisxl ZarRvebi da nervebi

\\ Tiaqris SigTavsi, peritoneumi da kunTi

\\ Tiaqris kunTi, nawl avebi da nervebi

\\ \\ gamyof sazRvars mucl is Rrusa da mcire menj s Soris warmoadgens:

\\ menj is SuasaZgidi

\\ Sard-sasqeso SuasaZgidi

\\ sasazRvro xazebze gavli ebul i horizontal uri sibrtye

\\ wvetaSua xazebze gavli ebul i sibrtye

\\ \\ ras warmoadgens Tiaqris kari?

\\ defeqti I orwovan garsSi

\\ defeqti serozul garsSi

\\ defeqti I ul ovan Zvl ebSi

\\ defeqti kunTovan-aponevrozul SreSi, romel iTac gamodis Tiaqris parki

\\ \\ mucl is wina-gverdiTi kedl is zedapirul Sreebs miekuTvneba:

\\ mxol od kani da kanqveSa cximovani qsovil i

\\ mxol od kani, kanqveSa cximovani qsovil i da kanqveSa fascia

\\ kani, kanqveSa cximovani qsovil i, kanqveSa fascia, sakuTari fascia

\\ kanqveSa fascia, sakuTari fascia da mucl is gareTa iribi kunTi

\\ \\ ras warmoadgens Tiaqris parki?

\\ I orwovani garsi, romel ic gamodis kedl is defeqtidan

\\ aponevrozis furcel i

\\ kunTovani qsovil iT Camoyal ibebul i parki

\\ pariesul i peritoneumi, romel ic gamodis kanqveS defeqtis gziT

\\ \\ mucl is wina-gverdiTi kedl is Sua Sreebs qmnis:

\\ kanqveSa cximovani qsovil i da kanqveSa fascia

\\ kanqveSa fascia da sakuTari fascia

\\ mucl is presis kunTebi

\\ ganivi fascia da subserozul i qsovil i

\\ \\ ras warmoadgens Tiaqris SigTavsi?

\\ mucl is Rrus romel ime moZrav organos

\\ kuWis SigTavss

\\ wvri i nawl avebis SigTavss

\\ msxvil i nawl avebis SigTavss

\\ \\ mucl is wina-gverdiTi kedl is Rrma Sreebs qmnis:

\\ sakuTari fascia da mucl is presis kunTebi

\\ mxol od mucl is presis kunTebi

\\ mxol od ganivi fascia

\\ ganivi fascia, subserozul i qsovil i da peritoneumi

\\ \\ ramdeni etapisagan Sedgeba sazar dul is Tiaqris operacia?

\\ XuTi etapisagan  
\\ oTxI etapisagan  
\\ sami etapisagan  
\\ ori etapisagan

\\ \\ \\ sazardul is Tiaqris parkis daSvebas barZayis wina zedapirze  
ewinaaRmdegeba:

\\ \\ kanqveSa cximovani qsovil i  
\\ \\ subserozul i qsovil i  
\\ \\ peritoneumi  
\\ \\ mucl is sakuTari fascia

\\ \\ \\ sazardul is (pupartis) iogs qmnis:

\\ \\ mucl is SigniTa iribi kunTis aponevrozi  
\\ \\ mucl is gareTa iribi kunTis aponevrozis zeda kide  
\\ \\ mucl is ganivi kunTis aponevrozi  
\\ \\ mucl is gareTa iribi kunTis aponevrozis qveda kide

\\ \\ \\ mucl is swori kunTis budis wina firfitas gul mkerdze qmnis:

\\ \\ mucl is SigniTa iribi kunTis aponevrozi  
\\ \\ mucl is gareTa iribi kunTis aponevrozi  
\\ \\ mucl is SigniTa iribi kunTis aponevrozis wina furcel i  
\\ \\ mucl is SigniTa iribi kunTis aponevrozis ukana furcel i

\\ \\ \\ mucl is swori kunTis budis wina firfitas swori kunTis zeda 2/3-is  
fargl ebSi qmnis:

\\ \\ gareTa iribi kunTis aponevrozi da SigniTa iribi kunTis aponevrozis  
wina furcel i  
\\ \\ gareTa da SigniTa iribi kunTebis aponevrozebi  
\\ \\ mucl is SigniTa iribi kunTis aponevrozis ukana furcel i  
\\ \\ ganivi kunTis aponevrozi

\\ \\ \\ mucl is swori kunTis budis ukana fifritas am kunTis qveda 1/3-Si qmnis:

\\ \\ mucl is SigniTa iribi kunTis aponevrozi  
\\ \\ mucl is gareTa iribi kunTis aponevrozi  
\\ \\ mucl is gareTa iribi kunTis aponevrozi da SigniTa iribi kunTis  
aponevrozis ukana furcel i  
\\ \\ ganivi fascia

\\ \\ \\ mucl is TeTri xazi gadaWimul ia:

\\ \\ Wipidan boqvenis simfizamde  
\\ \\ maxvil iseburi morCidan Wipamde  
\\ \\ maxvil iseburi morCidan Wipisa da boqvenis simfizis SemaerTebel i xazis  
Sua wertil amde  
\\ \\ maxvil iseburi morCidan boqvenis simfizamde

\\ \\ \\ mucl is TeTri xazis wina zedapirTan Sezrdil ia:

\\ \\ mucl is sakuTari fascia  
\\ \\ ganivi fascia  
\\ \\ subserozul i qsovil i  
\\ \\ kanqveSa cximovani qsovil i

- \\\ mucl is TeTri xazis ukana zedapirTan Sezrdil ia:
- \\ tompsonis firfita
- \\ pupartis iogi
- \\ ganivi fascia
- \\ subserozul i qsovil i

- \\\ intrauterinul i ganviTarebis periodSi mofunqcie Sardsaveal is obl iteraciis Sedegad yal ibdeba:
- \\ Wipis medial uri iogebe
- \\ Wipis Sua iogi
- \\ RviZl is namgl isebri iogi
- \\ RviZl is mrgval i iogi

- \\\ intrauterinul i ganviTarebis periodSi Wipis rgol Si gamaval i Wipis arteriebis obl iteraciis Sedegad yal ibdeba:
- \\ Wipis medial uri iogebe
- \\ Wipis Sua iogi
- \\ RviZl is namgl iseburi iogi
- \\ RviZl is mrgval i iogi

- \\\ intrauterinul i ganviTarebis periodSi Wipis rgol Si gamaval i Wipis venis obl iteraciis Sedegad yal ibdeba:
- \\ Wipis Sua iogi
- \\ RviZl is mrgval i iogi
- \\ Wipis medial uri iogebe
- \\ Wipis marj vena l ateral uri iogi

- \\\ zeda da qveda epigastrul i arteriebi Tavsdebian:
- \\ mucl is gareTa da SigniTa irib kunTebS Soris
- \\ mucl is gareTa iribi kunTis wina zedapirze
- \\ mucl is ganivi kunTis ukana zedapirze
- \\ mucl is swori kunTis ukana zedapirze

- \\\ qveda epigastrul i arteria gamodis:
- \\ TeZos SigniTa arteriidan
- \\ TeZos gareTa arteriidan
- \\ barZayis arteriidan
- \\ TeZos saerTo arteriidan

- \\\ zedapirul i epigastrul i arteria gamodis:
- \\ barZayis Rrma arteriidan
- \\ barZayis arteridan
- \\ gareTa sasircxo arteriidan
- \\ barZayis Semomxvevi medial uri arteriidan

- \\\ TeZo-mucl is nervi mucl is wina kedl is fargl ebSi gaivl is:
- \\ mucl is SigniTa irib da ganiv kunTebS Soris
- \\ TeTri xazis ukan
- \\ mucl is gareTa iribi kunTis aponevrozsa da SigniTa irib kunTebS Soris
- \\ mucl is swori kunTis win



\\ \\ \\ sazardul is samkuTxedi zevidan mosazRvrul ia:  
\\ \\ sazardul is iogis Sua da SigniTa mesamedebis sazRvarze gavl ebul i horizontal uri xaziT  
\\ TeZos wina zeda wvetis doneze gavl ebul i horizontal uri xaziT  
\\ \\ sazardul is iogiT  
\\ \\ sazardul is iogis Sua wertil is doneze gavl ebul i horizontal uri xaziT

\\ \\ \\ sazardul is samkuTxedi qvevidan mosazRvrul ia:  
\\ \\ TeZos wina zeda wvetis doneze gavl ebul i horizontal uri xaziT  
\\ \\ sazardul is iogiT  
\\ \\ sazardul is iogis Sua wertil is doneze gavl ebul i horizontal uri xaziT  
\\ \\ xaziT, romel ic Seesabameba sazardul is iogsa da mucl is swori kunTis l ateral ur kides Soris arsebul i kuTxis biseqtrisas

\\ \\ \\ sazardul is samkuTxedi Signidan mosazRvrul ia:  
\\ \\ TeZos wina qveda wvetis doneze gavl ebul i horizontal uri xaziT  
\\ \\ mucl is swori kunTis l ateral uri kidiT  
\\ \\ mucl is swori kunTis medial uri kidiT  
\\ \\ TeZos wina zeda wvetis da Wipis SemaerTebel i xaziT

\\ \\ \\ sazardul is arxis wina kedel s qmnis:  
\\ \\ mucl is SigniTa iribi kunTi  
\\ \\ mucl is gareTa iribi kunTis aponevrozi  
\\ \\ ganivi fascia  
\\ \\ mucl is ganivi kunTi

\\ \\ \\ sazardul is arxis ukana kedel s qmnis:  
\\ \\ mucl is SigniTa iribi kunTi  
\\ \\ mucl is gareTa iribi kunTi  
\\ \\ ganivi fascia  
\\ \\ mucl is ganivi kunTi

\\ \\ \\ sazardul is arxis zeda kedel s qmnis:  
\\ \\ mucl is SigniTa iribi kunTi da ganivi kunTebis qveda ki deebi  
\\ \\ mucl is swori kunTis l ateral uri kide  
\\ \\ mucl is swori kunTis medial uri kide  
\\ \\ ganivi fascia

\\ \\ \\ sazardul is arxis qveda kedel s qmnis:  
\\ \\ sazardul is iogi  
\\ \\ Sebrunebul i iogi  
\\ \\ mucl is swori kunTis l ateral uri kide  
\\ \\ mucl is swori kunTis medial uri kide

\\ \\ \\ sazardul is Sual edi moTavsebul ia:

\\ gareTa da SigniTa irib kunTebS Soris  
\\ SigniTa irib da ganiv kunTebS Soris  
\\ sazardul is iogis qvemoT  
\\ ganivi kunTis qveda kidesa da sazardul is iogs Soris

\\ \\ sazardul is zedapirul i rgol i zevidan mosazRvrul ia:  
\\ \\ mucl is gareTa iribi kunTis aponevrozis l ateral uri fexiT  
\\ \\ mucl is gareTa iribi kunTis aponevrozis medial uri fexiT  
\\ \\ fexTaSua ZafebiT  
\\ \\ Sebrunebul i iogiT

\\ \\ \\ sazardul is Rrma rgol i mosazRvrul ia:  
\\ \\ sazardul is, Sebrunebul i da j imbernas iogiT  
\\ \\ mucl is ganivi kunTis qveda kidiT, sazardul is da ormoTaSorisi iogiT  
\\ \\ ormoTaSorisi, Sebrunebul i iogiT da mucl is swori kunTi l ateral uri  
kidiT  
\\ \\ j imbernas iogiT, Sebrunebul i iogiT da mucl is ganivi kunTis qveda  
kidiT

\\ \\ \\ sazardul is iribi Tiaqari viTardeba:  
\\ \\ sazardul is medial uri fosodan  
\\ \\ sazardul is l ateral uri fosodan  
\\ \\ buStzeda fosodan  
\\ \\ buSt-saSvil osnos CaRrmavebi dan

\\ \\ \\ sazardul is swori Tiaqari viTardeba:  
\\ \\ buStzeda fosodan  
\\ \\ sazardul is medial uri fosodan  
\\ \\ sazardul is l ateral uri fosodan  
\\ \\ buSt-saSvil osnos CaRrmavebi dan

\\ \\ \\ romel i warmonaqmni hyofs mucl is Rrus sarTul ebad?  
\\ \\ kuWi  
\\ \\ mci re badeqoni  
\\ \\ ganivi kol inj i  
\\ \\ ganivi kol inj i da misi j orj al i

\\ \\ \\ mucl is Rrus j irkvl ovan sarTul Si moTavsebul ia:  
\\ \\ RviZl is abga, kuWis wina abga  
\\ \\ RviZl is abga, kuWis wina abga, badeqonis abga  
\\ \\ gverdiTi arxebi  
\\ \\ j orj l is ubeebi

\\ \\ \\ RviZl is abgas kuWis wina abgisagan gamohyofs:  
\\ \\ RviZl is mrgval i iogi  
\\ \\ RviZl is namgl isebri da gvirgvinovani iogi  
\\ \\ naRvl is buSti  
\\ \\ mci re badeqoni

\\ \\ badeqonis xvrel i mosazRvrul ia:

\\ \\ RviZl -kuWis iogiT, qveda Rru veniT, RviZl is kudiani wil iT,  
Tormetgoj a-Tirkml is iogiT

\\ \\ RviZl -Tormetgoj as iogiT, zeda Rru veniT, RviZl is kudiani wil iT,  
Tormetgoj a-Tirkml is iogiT

\\ RviZl -Tormetgoj as iogiT, pariesul i peritoneumiT, romel ic faravs  
qveda Rru venas, RviZl is kudiani wil iT, Tormetgoj a-Tirkml is iogiT

\\ \\ RviZl -Tormetgoj a iogiT, pariesul i peritoneumiT, romel ic faravs  
mucl is aortas, RviZl is kudiani wil iT, Tormetgoj a-Tirkml is iogiT

\\ \\ \\ nawl avTa sarTul Si moTavsebul ia:

\\ \\ marj vena da marcxena gverdiTi arxebi, j orj l is marj vena da marcxena  
ubeebi, RviZl isa da el enTis j ibeebi

\\ marj vena da marcxena gverdiTi arxebi, j orj l is marj vena da marcxena  
ubeebi

\\ \\ marj vena da marcxena gverdiTi arxebi, RviZl isa da el enTis j ibeebi

\\ \\ j orj l is marj vena da marcxena ubeebi

\\ \\ \\ skel etotopiurad kuWis kardia da pil orusi mdebareobs:

\\ \\ kardia mdebareobs gul mkerdis XI mal is doneze xerxeml is marj vniv,  
pil orusi—wel is l mal is doneze xerxeml is marcxniv

\\ \\ kardia mdebareobs gul mkerdis X mal is doneze xerxeml is marj vniv,  
pil orusi—wel is l mal is doneze xerxeml is marj vniv

\\ \\ kardia mdebareobs gumkerdis IX mal is doneze, pil orusi—wel is l mal is  
doneze

\\ kardia mdebareobs gul mkerdis XI mal is doneze xerxeml is marcxniv,  
pil orusi—wel is l mal is doneze xerxeml is marj vniv

\\ \\ \\ kuWis wina zedapiri exeba:

\\ \\ marj vni dan—RviZl i, marcxni dan—el enTa, SuaSi—mucl is wina kedel i

\\ \\ marj vni dan—RviZl i da naRvl is buSti, marcxni dan—SuasaZgidi s  
neknebi seul i nawil i, SuaSi—mucl is wina kedel i

\\ marj vni dan—RviZl i, marcxni dan—SuasaZgidi s neknebi seul i nawil i,  
SuaSi—mucl is wina kedel i

\\ \\ marj vni dan—naRvl is buSti, marcxni dan—SuasaZgidi s neknebi seul i  
nawil i, SuaSi—mucl is wina kedel i

\\ \\ \\ kuWis ukana kedel s exeba:

\\ \\ pankreasi, qveda Rru vena, aorta

\\ \\ SuasaZgidi (Ziris areSi), pankreasi, aorta, marcxena Tirkmel i

\\ \\ SuasaZgidi (Ziris areSi), pankreasi, qveda Rru vena, aorta, marcxena  
Tirkmel zeda jirkval i

\\ SuasaZgidi (Ziris areSi), pankreasi, marcxena Tirkml is zeda pol usi da  
marcxena Tirkmel zeda jirkval i

\\ \\ \\ CamoTval eT kuWis iogebi:

\\ \\ kuW-SuasaZgidi s, kuW-el enTis iogebi, kuW-pankreasi s marj vena da marcxena  
naoWebi

\\ \\ RviZl -kuWis, RviZl -Tormetgoj as, kuW-el enTis iogebi

\\ \\ RviZl -kuWis, RviZl -Tormetgoj as, kuW-el enTis, kuW-kol inj is iogebi

\\ kuW-SuasaZgidis, RviZI -kuWis, RviZI -Tormetgoj as, kuW-el enTis, kuW-kol inj is iogebi

\\ \\ kuWis mcire simrudeze ganl agebul ia arteriebi:

\\ kuWis marcxena arteria, kuWis marj vena arteria

\\ \\ kuWis marcxena arteria, RviZI is sakuTari arteria da kuWis marj vena arteria

\\ \\ kuWis marcxena arteria, RviZI is saerTo arteria da kuWis marj vena arteria

\\ \\ kuWis marcxena arteria, kuWis marj vena arteria, kuWis mokl e arteriebi

\\ \\ \\ kuWis did simrudeze ganl agebul ia arteriebi:

\\ \\ kuW-badeqonis marcxena arteria, kuW-badeqonis marj vena arteria, kuW-Tormetgoj as arteria

\\ \\ kuW-badeqonis marcxena arteria, kuW-badeqonis marj vena arteria, kuWis mokl e arteriebi

\\ \\ kuW-badeqonis marcxena arteria, kuW-badeqonis marj vena arteria

\\ \\ kuWis marcxena arteria, kuWis marj vena arteria, kuWis mokl e arteriebi

\\ \\ \\ kuWis inervaciaSi monawil eoben:

\\ \\ cTomil i nervebi

\\ \\ cTomil i nervebisa da faSvis wnul is totebi

\\ \\ cTomil i da diafragmis nervebi

\\ \\ Signeul obis didi da mcire nervebi

\\ \\ \\ Tormetgoj a nawl avis zeda nawil s peritoneumi faravs:

\\ \\ irgvl iv

\\ \\ misi zedapiris 3/4-s

\\ \\ mxol od winidan

\\ \\ peritoneul safarvel s mTI ianad mokl ebul ia

\\ \\ \\ sad mdebareobs Tormetgoj a-ml ivi nakeci?

\\ \\ wel is I mal is doneze xerxeml is marj vniv

\\ \\ wel is II mal is doneze xerxeml is marj vniv

\\ \\ wel is I mal is doneze xerxeml is marcxniv

\\ \\ wel is II mal is doneze xerxeml is marcxniv

\\ \\ \\ Tormetgoj a nawl avs sixl iT amaragebs:

\\ \\ pankreas-Tormetgoj as zeda da qveda arteriebi

\\ \\ pankreas-Tormetgoj as zeda da qveda arteriebi, kol inj is marj vena arteria

\\ \\ kuWis marcxena da marj vena arteriebi

\\ \\ kol inj is marj vena da Sua arteriebi

\\ \\ \\ marcxena sagital uri Raris wina nawil Si mdebareobs:

\\ \\ RviZI is sakidi iogi

\\ \\ RviZI is mrgval i iogi

\\ \\ RviZI is gvirgvinovani iogi

\\ RviZI is venuri iogi

\\\ RviZI is marcxena sagital uri Raris ukana nawil Si mdebareobs:

\\ RviZI is sakidi iogi

\\ karis vena

\\ RviZI is mrgval i iogi

\\ venuri iogi

\\\ RviZI is marj vena sagital uri Raris wina nawil Si mdebareobs:

\\ naRvl is sadinari

\\ naRvl is buSti

\\ qveda Rru vena

\\ RviZI is mrgval i iogi

\\\ RviZI is marj vena sagital uri Raris ukana nawil Si mdebareobs:

\\ RviZI is mrgval i iogi

\\ qveda Rru vena

\\ gvirgvinovani iogi

\\ venuri iogi

\\\ sad mdebareobs RviZI is kari:

\\ ganiv RarSi

\\ marcxena sagital ur RarSi

\\ marj vena sagital ur RarSi

\\ RviZI is SuasaZgidismxriv zedapirze, centrSi

\\\ sad mdebareobs RviZI is kaval uri kari:

\\ ganiv RarSi

\\ venuri iogis napral Si

\\ mrgval i iogi napral Si

\\ Rru venis RarSi

\\\ RviZI is kariT organoSi Sedis:

\\ RviZI is saerTo arteria, karis vena, nervebi

\\ RviZI is sakuTari arteria, karis vena, nervebi

\\ RviZI is saerTo arteria, RviZI is sadinari, nervebi

\\ RviZI is sakuTari arteria, karis vena da nervebi

\\\ RviZI is kariT organodan gamodis:

\\ karis vena, I imfuri ZarRvebi

\\ RviZI is venebi, I imfuri ZarRvebi

\\ RviZI is saerTo sadinari da I imfuri ZarRvebi

\\ karis vena

\\\ RviZI is karSi arsebul i warmonaqmnebis urTierToba:

\\ marcxniv mdebareobs RviZI is arteria, marj vniv—RviZI is sadinari, maT

Soris karis vena

\\ marcxniv mdebareobs RviZI is sakuTari arteria, marj vniv—RviZI is sadinari, maT Soris RviZI is vena  
\\ marcxniv RviZI is arteria, marj vniv—RviZI is sadinari, maT Soris da ukan—karis vena  
\\ marcxniv—RviZI is saerTo arteria, marj vniv—RviZI is sadinrebi

\\ \\ RviZI is marcxena wil is visceral ur zedapirs exeba:  
\\ \\ ganivi kol inj i da marj vena Tirkmel i  
\\ \\ kuWi da Tormetgoj a nawl avi  
\\ \\ ganivi kol inj i da kol inj is marj vena nakeci  
\\ \\ kuWi

\\ \\ \\ RviZI is kvadratul i wil is viscerul i zedapiri exeba:  
\\ \\ \\ kuWsa da Tormetgoj a nawl avs  
\\ \\ Tormetgoj a nawl avs  
\\ \\ \\ ganiv kol inj sa da kol inj is marj vena nakecs  
\\ \\ \\ kol inj is marj vena nakecsa da Tormetgoj a nawl avs

\\ \\ \\ RviZI is marj vena wil is viscerul zedapirs exeba:  
\\ \\ \\ kuWi  
\\ \\ \\ Tormetgoj a nawl avi  
\\ \\ \\ ganivi kol inj i, kol inj is marj vena nakeci, marj vena Tirkmel i da Tirkmel zeda jirkval i  
\\ \\ \\ ganivi kol inj i, kol inj is marj vena nakeci da Tormetgoj a nawl avi

\\ \\ \\ romel i iogebia gadaWimul i RviZI sa da sxva organoebis Soris:  
\\ \\ RviZI -kuWis iogi, RviZI -Tormetgoj as iogi  
\\ \\ RviZI -kuWis iogi, RviZI -Tormetgoj as iogi, namgl isebri iogi  
\\ \\ mrgval i da namgl isebri iogebi  
\\ \\ gvirgvinovani da samkuTxa iogebi

\\ \\ \\ RviZI -Tormetgoj a iogis sisqeSi moTavsebul ia:  
\\ \\ marcxniv—RviZI is sakuTari arteria, marj vniv—naRvl is saerTo sadinari, maT Soris da ukan—karis vena  
\\ \\ marcxniv—RviZI is saerTo arteria, marj vniv—naRvl is saerTo sadinari, maT Soris da ukan—karis vena  
\\ \\ marcxniv—RviZI is saerTo arteria, marj vniv—naRvl is saerTo sadinari, maT Soris karis vena  
\\ \\ marcxniv—RviZI is sakuTari arteria, marj vniv—naRvl is saerTo sadinari

\\ \\ \\ sad Sei qmneba karis vena:  
\\ \\ \\ pankreas is xeul is ukan  
\\ \\ \\ RviZI -Tormetgoj a iogSi  
\\ \\ \\ pankreas is Tavis ukan  
\\ \\ \\ RviZI is karSi

\\ \\ \\ romel i venebi qmnan karis venas:  
\\ \\ j orj l is zeda, j orj l is qveda da el enTis venebi

\\ j orj l is zeda, j orj l is qveda da RviZl is venebi  
\\ RviZl is, el enTis, Tirkml is venebi  
\\ j orj l is zeda, j orj l is qveda, kuWis a da pankreasi venebi

\\ \\ uxSiresad RviZl is ramdeni vena gv xvdeba:  
\\ oTx i—marj vena (ori), marcxena (ori)  
\\ ori—marj vena da marcxena  
\\ sami—marj vena, Sua da marcxena  
\\ erTi—RviZl is vena

\\ \\ ras uerTdebian RviZl is venebi:  
\\ karis venas  
\\ qveda Rru venas  
\\ kuWis venebs  
\\ el enTis venas

\\ \\ RviZl is inervacia xorciel deba:  
\\ cTomil i nervebi T  
\\ faSvis wnul iT  
\\ marj vena da marcxena SuasaZgidis nervebi T da faSvis wnul iT  
\\ cTomil i nervebi T, faSvis wnul iT da marj vena SuasaZgidis nervi T

\\ \\ kuinos mixedvi T RviZl Si gamoiyofa:  
\\ 2 wil i, 5 seqtori, 8 segmenti  
\\ 4 wil i, 5 seqtori, 8 segmenti  
\\ 3 wil i, 4 seqtori, 10 segmenti  
\\ 4 wil i, 4 seqtori, 10 segmenti

\\ \\ naRvl is buStis qveda zedapiri exeba:  
\\ pil orussa da wvri l i nawl avis maryuJeb s  
\\ ganiv kol inj sa da wvri l i nawl avis maryuJeb s  
\\ Tormetgoj as zeda nawil sa da wvri l i nawl avis maryuJeb s  
\\ ganiv kol inj s, pil oruss da Tormetgoj as zeda nawil s

\\ \\ naRvl is buStis Ziri proeqcirdeba:  
\\ mucl is swori kunTis medial uri kidisa da neknTa rkal is gadakveTis  
adgil ze  
\\ mucl is swori kunTis l ateral uri kidisa da neknTa rkal is gadakveTis  
adgil ze  
\\ neknTa rkal isa da wina aqsil arul i xazis gadakveTis adgil ze  
\\ maxvil isebri morCis qveS

\\ \\ kal os samkuTxedis sazRvreb ia:  
\\ naRvl is buStis sadinari, RviZl is saerTo sadinari, RviZl is arteriis  
marj vena toti  
\\ naRvl is buStis sadinari, RviZl is saerTo sadinari, RviZl is arteria  
\\ naRvl is buStis sadinari, RviZl is saerTo sadinari, naRvl is buStis  
arteria  
\\ Tormetgoj as zeda nawil i, pankreasi, Tirkmel i

\\ \\ romel nawil ebs ganarCeven naRvl is saerTo sadinarSi:  
\\ \\ supraduodenuri, retroduodenuri, retropankreatul i da intramurul i  
\\ \\ retrocekal uri, retroduodenuri da supraduodenuri  
\\ \\ eqstramurul i, intramurul i, da retroduodenuri  
\\ \\ intraduodenuri, retropankreatul i da eqstramurul i

\\ \\ \\ pankreas is Tavis ukan mdebareobs:  
\\ \\ naRvl is saerTo sadinari, karis vena, qveda Rru vena  
\\ \\ naRvl is saerTo sadinari da pankreas is sadinari  
\\ \\ karis vena, qveda Rru vena, marj vena Tirkmel i  
\\ \\ qveda Rru vena da cTomil i nervi

\\ \\ \\ pankreas is sxeul is wina zedapirs exeba:  
\\ \\ wvri l i nawl avis maryuJebi  
\\ \\ ml iv-Tormetgoj as nakeci da wvri l i nawl avebis maryuJebi  
\\ \\ kuWi  
\\ \\ aswvri vi kol inj i

\\ \\ \\ pankreas is sxeul is ukan gai vl is:  
\\ \\ el enTis vena  
\\ \\ j orj l is zeda sisxl ZarRvebi, faSvis wnul i  
\\ \\ wrbol is cisterna, marcxena Tirkml is vena  
\\ \\ aorta

\\ \\ \\ pankreas is kudi moTavsebul ia:  
\\ \\ el enTis karis qvemoT da ukan  
\\ \\ el enTis karis win da zevi T  
\\ \\ el enTis karis win  
\\ \\ el enTis qveda kidesTan

\\ \\ \\ pankreas is umTavresad ikvebeba:  
\\ \\ zeda da qveda pankreas-Tormetgoj as arteriebi T  
\\ \\ el enTisa da j orj l is zeda arteri is totebi T  
\\ \\ j orj l is zeda da qveda arteriebis totebi T  
\\ \\ pankreas is didi arteria, kol inj is Sua arteria

\\ \\ \\ el enTa proeqci rdeba:  
\\ \\ gul mkerdis marcxena kedel ze IX\_XI neknebis fargl ebSi iRI iis ukana da xerxeml is xazebs Soris  
\\ \\ gul mkerdis marcxena kedel ze X\_XI neknebis fargl ebSi, iRI iis wina da xerxeml is xazebs Soris  
\\ \\ gul mkerdis marcxena kedel ze IX\_XI neknebis fargl ebSi iRI iis wina da paravertebrul xazebs Soris  
\\ \\ mucl is marcxena gverdi T midamoSi

\\ \\ \\ wvri l i nawl avis j orj l ovani nawil i iwyeba:  
\\ \\ Tormetgoj a-ml ivi nakecidan, wel is ll mal is doneze marcxniv  
\\ \\ pil orusidan  
\\ \\ Tormetgoj as daswvri vi nawil is Semdeg



\\ Tormetgoj a ml ivi nakecidan, wel is III mal is doneze, marcxniv

\\ \\ wvrii i nawl avis j orj l ovani nawil i mTavrdeba:

\\ TeZo-brma nawl avis kuTxeSi

\\ \\ wel is IV mal is doneze, aswvrii kol inj Tan

\\ \\ \\ wel is V mal is doneze, ganiv kol inj Tan

\\ \\ TeZos nawl avis dasawyiSTan

\\ \\ \\ wvrii i nawl avis j orj l is Ziri winidan gadauvl is:

\\ \\ Tormetgoj a nawl avis daswvrii nawil s, aortas, qveda Rru venas

\\ \\ Tormetgoj a nawl avis qveda nawil s, karis venas, marj vena SardsaawveTsa da marj vena saTesi is sisxl ZarRvebs

\\ \\ Tormetgoj a nawl avis qveda nawil s, aortas, qveda Rru venas, marj vena SardsaawveTsa da marj vena saTesi is (qal ebSi sakvercxis) sisxl ZarRvebs

\\ \\ \\ marj vena da marcxena SardsaawveTebS

\\ \\ \\ wvrii nawl avs sisxl iT amaraagebs:

\\ \\ j orj l is zeda arteria

\\ \\ \\ j orj l is qveda arteria

\\ \\ \\ \\ j orj l is zeda da qveda arteriebi

\\ \\ \\ \\ \\ j orj l is zeda arteria da wel is arteriebi

\\ \\ \\ wvrii i nawl avis inervacia xorciel deba:

\\ \\ \\ j orj l is qveda wnul iT

\\ \\ \\ \\ j orj l is zeda wnul iT

\\ \\ \\ \\ \\ j orj l is zeda da qveda wnul ebiT

\\ \\ \\ \\ \\ \\ gavis wnul iT

\\ \\ \\ \\ brma nawl avs kvebavs:

\\ \\ \\ brma nawl avis wina da ukana arteriebi

\\ \\ \\ kol inj is marj vena arteria, kol inj is Sua arteria

\\ \\ \\ kol inj is marj vena arteria

\\ \\ \\ \\ wel is arteriebi

\\ \\ \\ \\ arCeven Wianawl avis mdebareobis Semdeg variantebs:

\\ \\ \\ daswvrii, l ateral uri, medial uri, wina, retrocekal uri

\\ \\ \\ daswvrii, aswvrii, ganivi, retrocekal uri

\\ \\ \\ daswvrii, l ateral uri, medial uri, wina, ukana

\\ \\ \\ \\ l ateral uri da medial uri

\\ \\ \\ \\ kol inj is zonrebi Tavsiyrian:

\\ \\ \\ brma nawl avis l ateral ur kedel ze

\\ \\ \\ \\ Wia nawl avis fuZesTan

\\ \\ \\ \\ aswvrii kol inj ze

\\ \\ \\ \\ brma nawl avis aswvrii kol inj Si gadasvl is adgil ze

\\ \\ \\ \\ Wia nawl avis arteria gamoeyofa:

\\ \\ \\ TeZo-kol inj is arterias

\\ \\ \\ kol inj is marj vena arterias

\\ \\ \\ brma nawl avis wina arterias

\\ kol inj is Sua arterias

\\ \\ aswrvivi kol inj i peritoneumiT dafarul ia:

\\ irgl iv

\\ Cveul ebriv winidan da gverdebidan

\\ mxol od winidan

\\ irgl iv qveda naxevarSi

\\ \\ aswrvivi kol inj i ikvebeba:

\\ TeZo-kol inj is arteriis totebiT

\\ kol inj is marcxena arteriiT

\\ TeZo-kol inj is arteriis totebiTa da kol inj is marj vena arteriiT

\\ wel is arteriebiT

\\ \\ ganivi kol inj is j orj l is Ziri gadauvl is:

\\ Tormetgoj a nawl avis daswrviv nawil s, pankreasis Tavs, pankreasis sxeul sa da marcxena Tirkmel s

\\ Tormetgoj a nawl avis daswrviv nawil s, pankreasis Tavs da marcxena Tirkmel s

\\ mucl is aortas, qveda Rru venas da marcxena Tirkmel s

\\ marj vena Tirkmel s da marcxena Tirkmel s

\\ \\ sigmoiduri kol inj is j orj l is Ziri gadauvl is:

\\ marcxena saTesl is (qal ebSi sakvercxis) sisxl ZarRvebsa da menj is arterias

\\ marcxena SardsaTisa da menj is arterias

\\ marcxena saTesl is (sakvercxis) sisxl ZarRvebsa da SardsaTis

\\ marcxena Tirkmel s

\\ \\ sigmoiduri kol inj is j orj l is Ziri Tavdeba:

\\ gavis ll an III mal is doneze

\\ marcxena TeZos qedis doneze

\\ marcxena gava-TeZos saxsris doneze

\\ sasazRvro xazze

\\ \\ ras warmoadgens Tiaqris operaciis pirvel i etapi?

\\ midgoma

\\ Tiaqris parkis mokveTas

\\ Tiaqris karis daxurvas samsarTul iani nakeriT

\\ Tiaqris parkis Cakereba sazardul is iogSi

\\ \\ sad gaavl eben ganakveTs sazardul is Tiaqris operaciis dros?

\\ sazardul is iogis medial uri 2/3-is gaswrviv, misgan zemoT 2sm daSorebiT

\\ sazardul is l ateral uri mesamedis gaswrviv

\\ sazardul is iogis zemoT 10sm daSorebiT

\\sazardul is iogis qvemoT 5sm daSorebiT

\\ \\ raSi mdgomareobs Tiaqris operaciis meore etapi:

\\ \\ Tiaqris parkis gofrireba

\\ \\ sazardul is arxis gaxsna

\\ \\ Tiaqris karis daxurva

\\ \\ Tiaqris parkis gamoyofa da misi mokveTa

\\ \\ \\ sazardul is arxis romel i kedl is gamagrebas iTval iswinebs Jiraris wesi?

\\ \\ \\ sazardul is arxis qveda kedl is

\\ \\ sazardul is arxis wina kedl is

\\ \\ \\ sazardul is arxis ukana kedl is

\\ \\ \\ sazardul is arxis zeda kedl is

\\ \\ \\ nakerTa ramdeni rigia sazardul is iogze Jiraris wesiT pl astikis dros?

\\ \\ nakerTa erTi rigi abreSumis ZafiT

\\ \\ nakerTa ori rigi abreSumis ZafiT

\\ \\ \\ nakerTa sami rigi abreSumis ZafiT

\\ \\ \\ nakerTa sami rigi ketgutis ZafiT

\\ \\ \\ sazardul is arxis romel i kedel i SeiZl eba gamagrdes spasokukockis wesiT?

\\ \\ \\ zeda

\\ \\ \\ qveda

\\ \\ \\ wina

\\ \\ \\ ukana

\\ \\ \\ nakerTa ramdeni rigia sazardul is iogze spasokukockis wesiT pl astikis dros?

\\ \\ nakerTa erTi rigi abreSumis ZafiT

\\ \\ nakerTa ori rigi abreSumis ZafiT

\\ \\ \\ nakerTa sami rigi abreSumis ZafiT

\\ \\ \\ nakerTa sami rigi ketgutis ZafiT

\\ \\ \\ sazardul is arxis romel i kedl is gamagrebas iTval iswinebs bobrovisa da martinovis wesebi?

\\ \\ sazardul is arxis wina kedl is

\\ \\ \\ sazardul is arxis ukana kedl is

\\ \\ \\ sazardul is arxis qveda kedl is

\\ \\ \\ sazardul is arxis zeda kedl is

\\ \\ \\ sazardul is arxis romel i kedl is gamagrebas gul isxmobs pl astikis wesi basinis mixedviT?

\\ \\ \\ wina kedl is

\\ \\ \\ ukana kedl is

\\ \\ \\ zeda kedl is

\\ \\ \\ qveda kedl is

\\ \\ \\ sad Tavsdeba saTesl e bagiraki Jirarisa da spasokukockis wesebiT Tiaqris pl astikis Semdeg?

- \\ mucl is SigniTa iribi kunTis win
- \\ mucl is gareTa iribi kunTis win
- \\ mucl is ganivi kunTis win
- \\ mucl is ganivi kunTis ukan

- \\ \\ sad Tavsdeba saTesl e bagiraki basinis wesiT Tiaqris pl astikis Semdeg?
- \\ mucl is gareTa iribi kunTis aponevrozis qveS
- \\ kanqveSa fasciis or furcel s Soris
- \\ mucl is SigniTa iribi kunTis qveS
- \\ mucl is ganivi kunTis qveS

- \\ \\ visi wesebiT xorciel deba pl astika Wipis Tiaqris operaciis dros?
- \\ basinis da kimbarovskis
- \\ meios da sapeWkos
- \\ Jiraris da bobrovis
- \\ spasokukockis da kil osaniZis

- \\ \\ visi wesiT akeTeben Wipis Tiaqris operacias bavSvTa asakSi?
- \\ I eqseris
- \\ Jiraris
- \\ spasokukockis
- \\ meios

- \\ \\ sad keTdeba mucl is Rrus Cxvl eta?
- \\ Wipisa da boqvenis simfizis SemaerTebel i xazis Sua wertil Si
- \\ Wipisa da maxvil isebri morCs Soris
- \\ Wipisa da TeZos wina zeda wvetis SemaerTebel i xazis Sua wertil Si
- \\ Wipisa da TeZos wina zeda wvetis SemaerTebel i xazis gareTa mesamedSi

- \\ \\ CamoTval eT ganakveTebi mucl is Rrus organoebTan midgomi saTvis:
- \\ gaswrvivi
- \\ iribi
- \\ ganivi
- \\ yvel a CamoTvl il i

- \\ \\ CamoTval eT gaswrvivi ganakveTebi mucl is wina kedel ze:
- \\ Sua, paramedianuri, transreqtul i da parareqtul i
- \\ paramedianuri, paraumbil ikal uri, paral umbal uri
- \\ transreqtal uri, transabdominuri, paraabdominuri
- \\ parareqtal uri , paraumbil ikal uri, Sua

- \\ \\ CamoTval eT I aparotomiis saxeebi:
- \\ samkurnal o, radikal uri, pal iatiuri
- \\ diagnostikuri, gadaudebel i, saswrafo
- \\ sacdel i, samkurnal o da diagnostikuri
- \\ radikal uri, pal iatiuri da ganmeorebiTi

- \\ \\ rogor iyofa nawl avis nakeri?

- \\ inficirebul i da qirurgiul i
- \\ arainficirebul i da inficirebul i
- \\ qirurgiul i da ginekol ogiuri
- \\ araqirurgiul i da inficirebul i

\\ \\ sero-serozul i nakeris SemTxvevaSi romel i garsebiT aris dakavSirebul i erTmaneTTan Wriil obis kideebi?

- \\ I orwovani garsiT
- \\ kunTovani garsiT
- \\ serozul i garsiT
- \\ SemaerTebel qsovil ovani garsiT

\\ \\ serozul -kunTovani nakeris dros Wriil obis erTi kididan ramdeni sm-is daSorebiT uCxvl eten nemss?

- \\ 7sm-iT
- \\ 10sm-iT
- \\ 7-10mm-iT
- \\ 12-15mm-iT

\\ \\ rogori daSorebiT gamoaqvT nemsis Wriil obis kididan serozul -kunTovani nakeris dros:

- \\ 3mm-iT
- \\ 15mm-iT
- \\ 7sm-iT
- \\ 10sm-iT

\\ \\ Wriil obis kididan ramdeni mm-is daSorebiT gaivl is nawl avis kedel Si al bertis gamWol i nakeri?

- \\ 10mm-iT
- \\ 15mm-iT
- \\ 3mm-iT
- \\ 8mm-iT

\\ \\ rogori nakeri gamoiyeneba msxvil nawl avze operaciis dros?

- \\ erTiarusiani
- \\ oriarusiani
- \\ samiarusiani
- \\ oTxiarusiani

\\ \\ CamoTval eT gastrostomiis saxeebi:

- \\ mil ovani da arxisebri
- \\ tuCisebri da mil ovani
- \\ TaRisebri da nal isebri
- \\ gaswrvivi da iribi

\\ \\ daasaxel eT kuWis droebiTi anu mil ovani fistul is wesebi:

- \\ vitcel is da kaderis
- \\ kaderis da toproveris
- \\ toproveris da bil roTis

\\ iudinis da j anel iZis

\\ \\ miuTiTeT romel i wesiT keTdeba kuWis mudmivi anu tuCisebri fistul a:

\\ vitacel is

\\ kaderis

\\ toproveris

\\ iudinis

\\ \\ miuTiTeT kuW-nawl avis SerTul is Cvenebebi:

\\ kuWis pil orul i nawil is inoperabil uri kibo pil orusis nawiburovani Seviwroveba, roca avadmyofi Zal ian dasustebul ia

\\ nawl avTa gauval oba

\\ wril i nawl avis Wril oba

\\ msxvil i nawl avis kibo

\\ \\ kuW-nawl avis SerTul is romel i saxeebia gamoyenebul i umTavresad?

\\ kuW-nawl avis wina da ukana SerTul i

\\ kuW-nawl avis gverdiTi SerTul i

\\ kuW-nawl avis zemo SerTul i

\\ kuW-nawl avis qvemo SerTul i

\\ \\ kuW-nawl avis wina SerTul is dros Tormetgoj a-ml ivi nakecidan ramdeni sm daSorebiT aiReben ml ivi nawl avis maryuJs?

\\ 15-20sm-i T

\\ 25-30sm-i T

\\ 35-40sm-i T

\\ 50-60sm-i T

\\ \\ kuW-nawl avis ukana SerTul is dros Tormetgoj a-ml ivi nakecidan ramdeni sm daSorebiT aiReben ml ivi nawl avis maryuJs?

\\ 8-10sm-i T

\\ 20-25sm-i T

\\ 30-40sm-i T

\\ 45-50sm-i T

\\ \\ ras gul isxmobs kuWis rezeqciis bil roTis pirvel i wesi?

\\ kuWis distal uri nawil is rezeqcia

\\ kuWis proqsimal uri takvis zeda nawil is gakerva

\\ kuWis proqsimal uri nawil is takvis qveda nawil is datoveba gaukeravad

\\ kuWis proqsimal uri takvis qveda nawil isa da Tormetgoj a nawl avs Soris SerTul is Seqmna

\\ \\ rogor keraven wril i nawl avis Wril obas?

\\ erTiarusiani nakeriT

\\ oriarusiani nakeriT

\\ samiarusiani nakeriT

\\ tantal is samagrebiT

\\ \\ nawl avis pirdapiri SerTul is Seqmnisas nawl avs gadakveTen iribad. ratom?

\\ SerTul is adgil ze nawl avis sanaTuris Seviwrovebis acil ebis mizniT

\\ \\ nawl avis kedl is kvebis moSl is acil ebis mizniT

\\ \\ vertikal uri mimarTul ebiT gadakveTisas ziandeba sisxl ZarRvebi

\\ \\ vertikal uri momarTul ebiT gadakveTisas ziandeba nervebi

\\ \\ \\ romel i ganakveTi gamoiyeneba apendeqtomiis dros?

\\ \\ mak-burnei-vol okoviCis iribi cvl adi ganakveTi

\\ \\ spacokukockis ganakveTi

\\ \\ transreqtal uri ganakveTi

\\ \\ fanenbtal is ganakveTi

\\ \\ \\ romel i nakerebisgan Sedgeba nawl avis oriarusiani nakeri?

\\ \\ SigniTa da gareTa

\\ \\ I ateral uri da medial uri

\\ \\ proqsimal uri da distal uri

\\ \\ ganivi da gaswrvivi

\\ \\ \\ rogor xorciel deba ganavl is evakuacia ganaval ovani fistul is dros?

\\ \\ mxol od fistul iT

\\ \\ mxol od msxvil i nawl avis distal uri nawil iT

\\ \\ rogorc fistul iT, ise msxvil i nawl avis distal uri nawil iT

\\ \\ msxvil i nawl avis distal ur nawil ze mimagrebul i parkiT

\\ \\ \\ ramdeni saxis arabunebrivi anu xel ovnuri yiTa arsebobs?

\\ \\ mudmivi da droebiTi

\\ \\ mxol od mudmivi

\\ \\ mxol od droebiTia

\\ \\ proqsimal uri da distal uri

\\ \\ \\ miuTiteT RviZl idan sisxl is denis droebiTi SeCerebis wesebi:

\\ \\ Wril obis kideebze xel is TitebiT miWera

\\ \\ special uri an nawl avis momWeris dadeba

\\ \\ RviZl -Tormetgoj a iogis droebiTi daxSva

\\ \\ RviZl is karSi sisxl ZarRvebze koxeris momWeris dadeba droebiT

\\ \\ \\ CamoTval eT RviZl idan sisxl is denis sabol ood SeCerebis wesebi:

\\ \\ dazianebul i sisxl ZarRvis I igireba Wril obaSi

\\ \\ hemostatikuri nakeris gamoyeneba

\\ \\ el eqtrokoagul acia

\\ \\ yvel a CamoTvl il i

\\ \\ \\ romel i midgomiT xorciel deba qol ecisteqtomia?

\\ \\ fiodorovis ganakveTi

\\ \\ bil roTis ganakveTi

\\ \\ spasokukockis ganakveTi

\\ \\ mak-burneis ganakveTi

\\ \\ \\ miuTiteT naRvl is buStis RviZl idan gamoyofis wesebi:

\\ \\ yel idan da Ziridan

\\ \\ Ziridan da sxeul idan

- \\l sxeul is medial uri kidis gaswrviv gavl ebul i ganakveTiT
- \\l sxeul is lateral uri kidis mimarT gavl ebul i ganakveTiT

- \\l\\l sad gadaskvnian naRvl is buStis sadinars qol ecisteqtomiis dros?
- \\l naRvl is saerTo sadinarSi CarTvis adgil idan 0,5sm daSorebiT
- \\l uSual od naRvl is saerTo sadinarTan CarTvis adgil ze
- \\l CarTvis adgil idan 1,5-2sm daSorebiT
- \\l CarTvis adgil idan 2-3sm daSorebiT

- \\l\\l mucl is midamos zevidan mosazRvrvavs:
- \\l meaTe neknis qveda ki deebis SemaerTebel i xazi
- \\l wvetTaSua xazi
- \\l mkerdis didi kunTebis qveda ki deebis SemaerTebel i xazebi
- \\l neknTa rkal i, XI neknis bol o, XII nekni

- \\l\\l mucl is midamos qvevidan mosazRvrvavs:
- \\l TeZos wina zemo wvetebis SemaerTebel i xazi
- \\l TeZos ukana zemo wvetebis SemaerTebel i xazi
- \\l TeZos qedi, sazardul is naoWi, boqvenis simfizis kide
- \\l gavis da kodusunis Zvl ebi

- \\l\\l mucl is wina kedel ze RviZl is marcxena wil is umetesi nawil i proeqcirdeba:
- \\l sakuTari epigastriumis midamoSi
- \\l marj vena ferdqveSa midamoSi
- \\l marcxena ferdqveSa midamoSi
- \\l marj vena gverdiT midamoSi

- \\l\\l mucl is wina kedel ze kol inj is marj vena nakeci proeqcirdeba:
- \\l sakuTari epigastriumis midamoSi
- \\l marj vena ferdqveSa midamoSi
- \\l marcxena ferdqveSa midamoSi
- \\l marj vena gverdiT midamoSi

- \\l\\l mucl is wina-gverdiT da ukana kedl ebs erTmaneTisgan gamij navs:
- \\l iRI iis wina xazebi
- \\l iRI iis Sua xazebi
- \\l iRI iis ukana xazebi
- \\l beWis xazebi

- \\l\\l neknTaSua qveda 5 da wel is 4 arteriebi gaivl ian:
- \\l mucl is SigniTa irib da ganiv kunTebis Soris
- \\l mucl is gareTa da SigniTa irib kunTebis Soris
- \\l mucl is swori kunTis ukan
- \\l kanqveSa cximovan qsovil sa da kanqveSa fascias Soris

- \\l\\l mucl is zeda midamos kans ainervi rebs:
- \\l III, IV, da V neknTaSua nervebi
- \\l I, II neknTaSua nervebi
- \\l VII, VIII da IX neknTaSua nervebi
- \\l X da XI neknTaSua nervebi



- \\ \\ \\ mucl is Sua mi damos kans ai nervi rebs:
- \\ \\ III da IV neknTaSua nervebi
- \\ \\ V da VI neknTaSua nervebi
- \\ \\ VI da VII neknTaSua nervebi
- \\ \\ X da XI neknTaSua nervebi

- \\ \\ \\ mucl is qveda mi damos kans ai nervi rebs:
- \\ \\ mxol od neknqveSa nervi
- \\ \\ mxol od TeZo-sazardul is nervebi
- \\ \\ neknqveSa, TeZo-mucl is da TeZo-sazardul is nervebi
- \\ \\ arcerTi zemoT CamoTvl il i warmonaqmni

- \\ \\ \\ sazardul is zedapirul i rgol i qvemodan mosazRvrul ia:
- \\ \\ Sebrunebul i iogiT
- \\ \\ mucl is gareTa iribi kunTis aponevrozis l ateral uri fexiT
- \\ \\ fexTaSua ZafebiT
- \\ \\ mucl is gareTa iribi kunTis aponevrozis medial uri fexiT

- \\ \\ \\ sazardul is Rrma rgol i Signidan mosazRvrul ia
- \\ \\ ormoTaSorisi iogiT
- \\ \\ mucl is swori kunTiT
- \\ \\ Sebrunebul i iogiT
- \\ \\ sazardul is iogiT

- \\ \\ \\ sazardul is zedapirul i rgol i garedan mosazRvrul ia:
- \\ \\ mucl is gareTa iribi kunTis aponevrozis medial uri fexiT
- \\ \\ mucl is gareTa iribi kunTis aponevrozis l ateral uri fexiT
- \\ \\ fexTaSua ZafebiT
- \\ \\ sazardul is iogiT

- \\ \\ \\ sazardul is zedapirul i rgol i Signidan mosazRvrul ia:
- \\ \\ sazardul is iogiT
- \\ \\ Sebrunebul i iogiT
- \\ \\ mucl is gareTa iribi kunTis aponevrozis medial uri fexiT
- \\ \\ mucl is gareTa iribi kunTis aponevrozis l ateral uri fexiT

- \\ \\ \\ sazardul is Rrma rgol is SigniTa sazRvris ukan mdebareobs:
- \\ \\ barZayis arteria da vena
- \\ \\ qveda epigastrul i arteria da vena
- \\ \\ zeda epigastrul i arteria da vena
- \\ \\ TeZos gareTa arteria da vena

- \\ \\ \\ buStzeda foso mdebareobs:
- \\ \\ Wipis Sua da l ateral ur naoWebs Soris
- \\ \\ Wipis Sua da medial ur naoWebs Soris
- \\ \\ Wipis medial ur da l ateral ur naoWebs Soris
- \\ \\ sazardul is l ateral uri naoWis gareT

- \\ \\ \\ sazardul is medial uri foso mdebareobs:
- \\ \\ Wipis Sua da l ateral ur naoWebs Soris
- \\ \\ Wipis medial ur da l ateral ur naoWebs Soris
- \\ \\ sazardul is l ateral uri naoWis gareT

\\ Wipis Sua da medial ur naoWebs Soris

\\ \\ sazardul is lateral uri fosomdebareobs:

\\ Wipis Sua da medial ur naoWebs Soris

\\ sazardul is lateral uri naoWis gareT

\\ Wipis medial ur lateral ur naoWebs Soris

\\ Wipis Sua da lateral ur naoWebs Soris

\\ \\ ramden sarTul ad iyofa mucl is Rru?

\\ or sarTul ad (zedarjirkvlovani, qvedanawl avTa)

\\ sam sarTul ad (jirkvlovani, nawl avTa, menj i)

\\ jirkvlovani sarTul i, nawl avTa sarTul i, badeqonis abga

\\ mucl is Rru sarTul ebad ar iyofa

\\ \\ RviZi is abga mosazRvrul ia:

\\ mucl is wina kedl iT, SuasaZgidiT, RviZi is gvirgvinovani da marj vena samkuTxa iogebiT, namgl isebri iogiT

\\ mucl is wina kedl iT, SuasaZgidiT, RviZi is gvirgvinovani da marj vena samkuTxa iogebiT, kol inj is marj vena nakeciT, ganivi kol inj iTa da misi jorjliT

\\ mucl is wina kedl iT, RviZi is gvirgvinovani da marj vena samkuTxa iogebiT, namgl iseburi da RviZi is mrgval i iogebiT, ganivi kol inj iT

\\ mucl is wina kedl iT, SuasaZgidiT, RviZi is gvirgvinovani da marj vena samkuTxa iogebiT, namgl isebri iogiT, kol inj is marj vena nakeciT, ganivi kol inj iTa da misi jorjliT

\\ \\ kuWis wina abga mosazRvrul ia:

\\ mucl is wina kedl iT, SuasaZgidiT, RviZi is gvirgvinovani da marcxena samkuTxa iogebiT, mcire badeqoniT, kuWiTa da kuW-kol inj is iogiT, RviZi is namgl isebri da mrgval i iogebiT, ganivi kol inj iT, kol inj is marcxena nakeciTa da SuasaZgid-kol inj is iogiT.

\\ mucl is wina kedl iT, mucl is ukana kedl iT, RviZi is namgl isebri da mrgval i iogebiT, ganivi kol inj iT, kol inj is marcxena nakeciTa da SuasaZgid kol inj is iogiT

\\ mucl is wina kedl iT, RviZi is gvirgvinovani da marcxena samkuTxa iogebiT, kuWiT, RviZi is namgl isebri da mrgval i iogebiT, ganivi kol inj iT, kol inj is marcxena nakeciT da SuasaZgid-el entis iogiT, el entiT.

\\ mucl is wina kedl iT, RviZi is gvirgvinovani da marcxena samkuTxa iogebiT, mcire badeqoniT, kuWiT, RviZi is marj vena wil iT, ganivi kol inj iT, kol inj is marcxena nakeciTa da SuasaZgid kol inj is iogiT, el entiT

\\ \\ badeqonis abga moisazRvreba:

\\ RviZi is kudiani wil iT, mcire badeqoniT, kuWiTa da kuW-kol inj is iogiT, pariesul i peritoneumiT, ganivi kol inj is jorjliT, el entiT da misi iogebiT, SuasaZgidiT, Tormetgoj a nawl aviT.

\\ RviZi is marcxena wil iT, mcire badeqoniT, kuWiT da kuW-kol inj is iogiT, pariesul i peritoneumiT, ganivi kol inj is jorjliT, SuasaZgidiT

\\ RviZi is kvadratul i wil iT, naRvl is buStiT, pankreasiT, marcxena Tirkml iT da Tirkmel zedarjirkvl iT, ganivi kol inj is jorjliT, el entiT da misi iogebiT, SuasaZgidiT, Tormetgoj a nawl aviT

\\ RviZl is kudiani wil iT, kuWiT, pariesul i peritoneumiT, ganivi kol inj iT,  
el enTiT SuasaZgidiT, Tormetgoj a nawl aviT

\\ \\ mcire badeqoni Sedgeba:

\\ RviZl -kuWisa da RviZl -Tormetgoj as iogebisagan

\\ RviZl -kuWisa, RviZl -Tormetgoj asa da Tormetgoj a-Tirkml is iogebisagan

\\ kuW-diafragmis, kuW-el enTis iogebisagan

\\ RviZl -kuWisa da RviZl is gvirgvinovani iogebisagan

\\ \\ Tormetgoj a nawl avSi arCeven:

\\ zeda, daswrviv, qveda da aswrvivi nawil ebi

\\ zeda da qveda nawil ebi

\\ zeda, daswrvivi da qveda nawil ebi

\\ daswrvivi da aswrvivi nawil ebi

\\ \\ Tormetgoj a nawl avis zeda nawil i mdebareobs:

\\ ganivad, wel is II mal is doneze

\\ gaswrvivad, wel is I mal is doneze

\\ ganivad, wel is I mal is doneze

\\ gaswrvivad, wel is II mal is doneze

\\ \\ Tormetgoj a nawl avis qveda nawil i mdebareobs:

\\ ganivad, wel is III mal is doneze

\\ ganivad, wel is II mal is doneze

\\ pankreasis sxeul is qveda kidis gaswrviv

\\ ganivad, pankreasis Tavis wina zedapirze

\\ \\ Tormetgoj a nawl avis aswrvivi nawil i mdebareobs:

\\ wel is III mal is doneze iwyeba, midis zeviT da xerxeml is win aRwevs

wel is II mal as

\\ wel is III mal is doneze iwyeba, miemarTeba zeviT da aRwevs wel is II mal is  
dones xerxeml is marcxniv

\\ wel is III mal is doneze iwyeba da midis aswrvivad xerxeml is win, aRwevs  
wel is I mal as

\\ \\ wel is III mal is doneze xerxeml is marj vniv

\\ \\ Tormetgoj a nawl avis inervacia xorciel deba:

\\ RviZl is wina wnul is da TeZo-mucl is nervis totebiT

\\ j orj l is zeda wnul is totebiT

\\ RviZl is wina, RviZl is ukana da j orj l is zeda wnul is totebiT

\\ RviZl is wina da ukana wnul ebi totebiT

\\ \\ RviZl is SuasaZgidismxriv zedapirze marj vena da marcxena wil ebi  
gayofil ia erTmaneTisagan:

\\ RviZl is saki di iogiT

\\ RviZl is gvirgvinovani iogiT

\\ RviZl is mrgval i iogiT

\\ RviZl is samkuTxa iogiT

\\ \\ RviZl is visceral ur zedapirze aRiniSneba:

\\ ori sagital uri da erTi ganivi Rari  
\\ \\ erTi sagital uri da ori ganivi Rari  
\\ \\ sami ganivi Rari  
\\ \\ sami gaswrvivi Rari

\\ \\ \\ RviZI is SuasaZgidismxrivi zedapiri exeba:  
\\ \\ mucl is ukana kedel s da SuasaZgids  
\\ \\ mucl is wina kedel s da SuasaZgids  
\\ \\ SuasaZgids  
\\ \\ SuasaZgids da el enTas

\\ \\ \\ romel i iogebia gadaWimul i RviZI sa da SuasaZgids Soris:  
\\ \\ mrgval i da namgl iseburi iogebi  
\\ \\ gvirgvinovani da samkuTxa iogebi  
\\ \\ namgl isebri, gvirgvinovani da samkuTxa iogebi  
\\ \\ mrgval i da venuri iogebi

\\ \\ \\ RviZI is marcxena portul i wil is paramedianur seqtorSi Sedis:  
\\ \\ III da II segmentebi  
\\ \\ III da IV segmentebi  
\\ \\ II da I segmentebi  
\\ \\ V da VII segmentebi

\\ \\ \\ RviZI is marcxena portul i wil is lateral ur seqtorSi Sedis:  
\\ \\ III da IV segmentebi  
\\ \\ II segmenti  
\\ \\ III segmenti  
\\ \\ VI da VII segmentebi

\\ \\ \\ RviZI is marj vena portul i wil is paramedianur seqtorSi Sedis:  
\\ \\ V da VI segmentebi  
\\ \\ VI da VII segmentebi  
\\ \\ V da VIII segmentebi  
\\ \\ III da IV segmentebi

\\ \\ \\ RviZI is marj vena portul i wil is lateral ur seqtorSi Sedis:  
\\ \\ VI da VII segmentebi  
\\ \\ VII da VIII segmentebi  
\\ \\ V da VI segmentebi  
\\ \\ VI da VIII segmentebi

\\ \\ \\ odis (ampul is) sfinqteri moTavsebul ia:  
\\ \\ naRvl is saerTo sadinrisa da buStis sadinris SeerTebis adgil as  
\\ \\ pankreasis sadinris SuaSi  
\\ \\ RviZI -pankreasis ampul is irgvl iv, Tormetgoj a nawl avis didi dviril is  
sisqeSi  
\\ \\ naRvl is buStis sadinris dasawjisSi

\\ \\ \\ pankreasis sxoul is qveda zedapirs exeba:

\\ wril i nawl avis maryuJebi da ml iv-Tormetgoj as nakeci

\\ kuWi

\\ marj vena Tirkmel i

\\ RviZl is marj vena wil i

\\ \\ \\ pankreas is kudis win mdebareobs:

\\ kuWis Ziri

\\ kuWis sxeul i

\\ kuW-kol inj is iogi

\\ el enTa

\\ \\ \\ pankreas is kudis ukan mdebareobs:

\\ marj vena Tirkmel i da el enTa

\\ marj vena Tirkmel zeda jirkval i da faSvis wnul i

\\ kuWis sxeul i

\\ marj vena Tirkmel i da Tirkmel zeda jirkval i

\\ \\ \\ el enTis qveda kide exeba:

\\ ganiv kol inj s

\\ kol inj is marcxena nakecs

\\ ganiv kol inj s, kol inj is marcxena nakecs, SuasaZgid- kol inj is iogs

\\ marcxena Tirkmel s

\\ \\ \\ el enTis karis areSi mdebareobs:

\\ wril i nawl avebis maryuJebi

\\ kol inj is marcxena nakeci

\\ pankreas is kudi

\\ kol inj is marcxena nakeci

\\ \\ \\ wril i nawl avis j orj l is Ziri iwyeba:

\\ wel is l mal is doneze xerxeml is marcxniv

\\ wel is ll mal is doneze xerxeml is marcxniv

\\ \\ \\ wel is ll mal is doneze xerxeml is marj vniv

\\ \\ \\ wel is l mal is doneze xerxeml is marj vniv

\\ \\ \\ wril i nawl avis j orj l is Ziri mTavrdeba:

\\ marj vena gava-TeZos saxsarTan

\\ \\ \\ wel is V mal is doneze

\\ \\ \\ sazRvrovani xazis doneze

\\ \\ \\ marcxena gava-TeZos saxsarTan

\\ \\ \\ ramden midamod iyofa mucl is wina gverdiTi kedel i?

\\ \\ \\ 8 mi damod

\\ \\ \\ 9 mi damod

\\ \\ \\ 10 mi damod

\\ \\ \\ 12 mi damod

\\ \\ \\ romel i organoebi proecirdeba marj vena ferdqveSa mi damoSi?

\\ \\ RviZl is marj vena wil is nawil i, naRvl is buSti, kol inj is marj vena nakeci

\\ \\ el enTa, kuWis da RviZl is kvadratul i wil i

\\ \\ marj vena Tirkmel i, aswrvivi kol inj i da RviZl is kudiani wil i

\\ \\ pankreas i, Tormetgoj a nawl avi da naRvl is buSti

\\ \\ mucl is wina gverdiTi kedl is kanqveSa fascia ramdeni furcl isagan Sedgeba?

\\ \\ erTi furcl isagan

\\ \\ ori furcl isagan

\\ \\ sami furcl isagan

\\ \\ or fucel ze metisagan

\\ \\ \\ rogoria mucl is gareTa iribi kunTis boWkoebis mimarTul eba?

\\ \\ qveidan zeviT da garedan SigniT

\\ \\ zevidan qveiT da uknidan win

\\ \\ ganivad

\\ \\ gaswrvivad

\\ \\ \\ rogoria mucl is SigniTa iribi kunTis boWkoebis mimarTul eba?

\\ \\ emTxveva gareTa iribi kunTis boWkoebis mimarTul ebas

\\ \\ sawinaaRmdegoa gareTa iribi kunTis boWkoebis mimarTul ebisa

\\ \\ garedan qveiT da zevidan SigniT

\\ \\ gaswrvivad

\\ \\ \\ romel i el ementebiT iqmneba mucl is TeTri xazi:

\\ \\ gareTa iribi kunTis aponevroziT

\\ \\ SigniTa ori kunTis aponevroziT

\\ \\ mucl is marj vena da marcxena ganieri kunTebis aponevrozebiT

\\ \\ ganivi kunTis aponevroziT

\\ \\ \\ riTia dafarul i Wipis rgol i?

\\ \\ kaniT

\\ \\ kanqveSa cximiT

\\ \\ zedapirul i fasciit

\\ \\ peritoneumiT

\\ \\ \\ ramden el ements gamoyofen sazardul is arxSi?

\\ \\ 3 kedel s da 3 xvrel s

\\ \\ 4 kedel s da 2 xvrel s

\\ \\ 4 kedel s da 4 xvrel s

\\ \\ 2 kedel s da 3 xvrel s

\\ \\ \\ vis ufro xSirad uviTardeba sazardul is Tiaqari?

\\ \\ qal ebs

\\ \\ mamakacebs

\\ \\ bavSvebs sqesis miuxedavad

\\ \\ moxucebs sqesis miuxedavad

\\ \\ \\ sad avl eben ganakveTs sazardul is Tiaqrebis dros?

\\ \\ sazardul is iogis paral el urad misgan 2sm qveiT

\\ \\ sazardul is iogis medial uri 2/3-is paral el urad, misgan 2sm zemoT

\\ \\ sazardul is iogis proeqiaze

\\ \\ Tiaqris parkze

\\ \\ \\ romel samkuTxedSi xdeba naRvl is buStis arteriis aRmoCena?

\\ \\ pirogovis

\\ \\ janel iZis

\\ kal os  
\\ \\ basinis

\\ \\ \\ rogor iyofa mucl is Tiaqrebi?  
\\ \\ gareTa da SigniTa  
\\ \\ zedapirul da Rrma  
\\ \\ medial uri da l ateral uri  
\\ \\ zeda da qveda

\\ \\ \\ romel nawil ebs arCeven Tiaqris parkSi?  
\\ \\ yel s, mucel sa da Zirs  
\\ \\ mucel s, sxeul sa da Zirs  
\\ \\ sxeul s, Zirsa da kars  
\\ \\ yel s, sxeul sa da Zirs

\\ \\ \\ rogor Tiaqrebs arCeven etiol ogiuri momentebis mixedviT?  
\\ \\ Sesabrunebel sa da Seubrunebel s  
\\ \\ Tandayol il s da SeZenil s  
\\ \\ Seubrunebel sa da gaWedil s  
\\ \\ Cveul ebrivsa da garTul ebul s

\\ \\ \\ raSi mdgomareobs Tiaqris operaciis mesame etapi?  
\\ \\ Tiaqris parkis gamoyofa  
\\ \\ Tiaqris parkis mokveTa  
\\ \\ Tiaqris parkis mikereba kanis Wril obis irgvl iv  
\\ \\ Tiaqris karis daxurva

\\ \\ \\ rogori wesebia mowodebul i sazardul is Tiaqrebis operaciul i  
mkurnal obisaTvis?  
\\ \\ eqstraperitoneul i, intraperitoneul i da kombiniirebul i  
\\ \\ eqstraperitoneul i, retroperitoneul i da kombiniirebul i  
\\ \\ intraperitoneul i, retroperitoneul i da kombiniirebul i  
\\ \\ eqstraperitoneul i, mezoperitoneul i da intraperitoneul i

\\ \\ \\ romel i rgol iT SehyavT sazardul is arxSi Rariani zondi?  
\\ \\ Rrma rgol iT  
\\ \\ zedapirul i rgol iT  
\\ \\ zeda rgol iT  
\\ \\ qveda rgol iT

\\ \\ \\ rogor gamoyofen Tiaqris parks saTesl e bagirakis el ementebisagan?  
\\ \\ parkis mokveTiT  
\\ \\ saTesl e bagirakis el ementis gadaskvniT  
\\ \\ Cl ungad gamoyofiT  
\\ \\ maxvil i wesiT gamoyofiT

\\ \\ \\ Tiaqris operaciebis dros romel asakSi a SesaZl ebel i operaciis  
Sesrul eba sazardul is arxis gaxsnis gareSe?  
\\ \\ axal gazrda asakSi  
\\ \\ xanSi Sesul Ta asakSi  
\\ \\ moxucTa asakSi

\\ bavSvTa asakSi

\\ \\ \\ sazardul is arxis romel i kedl is gamagrebas emyareba sazardul is Tiaqris pl astikis wesebi?

\\ wina an ukana kedl is

\\ \\ zeda an qveda kedl is

\\ \\ medial uri an lateral uri

\\ \\ distal uris an proqsimal uris

\\ \\ \\ midgomis romel i wesebi arsebobs barZayis Tiaqris operaciebis dros?

\\ \\ barZayis samkuTxedidan, TeTri xazidan

\\ barZayis midamodan, sazardul is midamodan

\\ \\ damxuravi arxidan, momzidvel i arxidan

\\ \\ didi saj domi xvrel idan, mcire saj domi xvrel idan

\\ \\ \\ rogori mimarTul ebisaa ganakveTebi barZayis Tiaqris operaciebis dros barZayis midamodan midgomi sas?

\\ \\ ganivi an rkal ovani

\\ \\ ganivi an rkal ovani

\\ iribi an vertikal uri

\\ \\ tal Risebri an nal iseberi gamodrekil obiT mimarTul i zemoT

\\ \\ \\ sad gaavl eben ganakveTs barZayis Tiaqris operaciis dros sazardul is midamodan midgomis SemTxvevaSi?

\\ \\ sazardul is iogis paral el urad, misgan 5sm-iT qvemoT

\\ \\ sazardul is iogis vertikal urad

\\ \\ sazardul is iogis paral el urad, misgan 10sm-iT zemoT

\\ sazardul is iogis paral el urad, misgan 1-2sm-iT zemoT

\\ \\ \\ romel i anatomiuri warmonaqmnebi miekereba erTmaneTs barZayis Tiaqris operaciis dros basinisa da ruj is wesebiT?

\\ sazardul isa da qedis iogebi

\\ \\ sazardul isa da Sebrunebul i iogebi

\\ \\ sazardul isa da Sual edis iogebi

\\ \\ swori kunTis bude da qedis iogi

\\ \\ \\ romel i anatomiuri warmonaqmnebi miekereba qedis iogze barZayis Tiaqris operaciis dros parl aveCos wesiT?

\\ \\ garda iribi da swori kunTebi

\\ \\ SigniTa iribi da ganivi kunTebi

\\ \\ sazardul isa da qedis iogebi

\\ \\ sazardul isa da Sual edis iogebi

\\ \\ \\ CamoTvl il i Cvenebebidan miuTiteT rod is gakeTdeba mucl is Rrus revizia:

\\ \\ mucl is tifis dros

\\ \\ mwvave an agronikul i dizenterii dros nawl avis dazianebul i monakveTis dadgenis mizniT

\\ \\ mucl is travmebis dros dazianebul i organoebis aRmoCenis mizniT



\\ wyl ul ovani daavadebis dros kuWis wyl ul is aRmoCenis mizniT

\\ \\ ra mizniT keTdeba mucl is Rrus Cxvl eta?

\\ asci turi siTxis evakuaciis mizniT mucl is Rrus wyal mankis dros

\\ gazebis evakuaciis mizniT nawl avebSi gazebis dagrovebis dros

\\ sixl is evakuaciis mizniT mucl is Rrus organoebis travmis dros

\\ nawl avTa peristal tikis aRdgenis mizniT gauval obis dros

\\ \\ sad gaavl eben Sua ganakveTs mucl is Rrus organoebTan midgomi saTvis?

\\ swori kunTis medial ur kidesTan

\\ mucl is TeTr xazze

\\ swori kunTis l ateral ur kidesTan

\\ swori kunTis SuaSi

\\ \\ WipTan urTierTobis mixedviT rogor iyofa mucl is Sua ganakveTi?

\\ Sua, medial uri da l ateral uri

\\ medial uri, zeda medial uri da qveda medial uri

\\ zeda, Sua da qveda

\\ l ateral uri, zeda l ateral uri da qveda l ateral uri

\\ \\ Sua ganakveTis Sesrul ebisas Wips Semouvl ian:

\\ zevidan

\\ qvevidan

\\ marj vni dan

\\ marcxni dan

\\ \\ sad gaavl eben paramedianur ganakveTs?

\\ Sua xazidan daaxl oebiT 2sm-is daSorebiT, mis paral el urad

\\ Sua xazidan daaxl oebiT 5sm-is daSorebiT, mis paral el urad

\\ Sua xazidan daaxl oebiT 7sm-is daSorebiT, mis paral el urad

\\ Sua xazis perpendikul arul ad epigastriumis fargl ebSi

\\ \\ sad gaavl eben transreqtal ur ganakveTs?

\\ mucl is Sua xazze

\\ mucl is swor kunTze Sua xazis paral el urad

\\ mucl is swori kunTis medial uri kidis gaswvri v

\\ mucl is swori kunTis l ateral uri kidis gaswvri v

\\ \\ sad gaavl eben parareqtal ur ganakveTs?

\\ swori kunTis SuaSi

\\ swori kunTis medial uri kidis gaswvri v

\\ swori kunTis l ateral uri kidis gaswvri v

\\ mucl is Sua xazze

\\ \\ romel ganakveTebis mi ekuTvneba cvl adi ganakveTebi?

\\ kombini rebul s

\\ gaswvri v

\\ ganiv s

\\ irib s

\\ \\ rogori ganakveTia fanenStil is ganakveTi?

\\ gani vi  
\\ \\ iribi  
\\ \\ kombini rebul i  
\\ \\ gaswvri vi

\\ \\ \\ romel i ganakveTebi iZl evian ferdqveSa midamoSi mdebare organoebTan farTod midgomis SesaZl ebl obas:

\\ \\ gaswvri vi  
\\ \\ kuTxovani\  
\\ \\ iribi  
\\ \\ gani vi

\\ \\ \\ ras ewodeba l aparotomia?  
\\ \\ Suasayris gaxsnas  
\\ \\ gul mkerdis Rrus gaxsnas  
\\ \\ mucl is Rrus gaxsnas  
\\ \\ xerxeml is arxis gaxsnas

\\ \\ \\ rogoria trendel burgis mdebareoba?  
\\ \\ avadmyofi wevs gverdze ferdqveS Semodebul i  
\\ \\ avadmyofi wevs zurgze beWebqveS Semodebul i morgviT  
\\ \\ avadmyofi wevs zurgze kidurebisaken daxril mdebareobaSi  
\\ \\ avadmyofi wevs zurgze Tavisaken daxril mdebareobaSi

\\ \\ \\ mucl is Rrus reviziis dros saidan iwyeben wvri l i nawl avis daTval ierebas?

\\ \\ Tormetgoj a-ml ivi nakecidan  
\\ \\ mcire badeqonidan  
\\ \\ kol inj is marj vena nakecidan  
\\ \\ kol inj is marcxena nakecidan

\\ \\ \\ mucl is Rrus reviziis dros romel i adgil idan iwyeben mucl is msxvil i nawl avis daTval ierebas?

\\ \\ Tormetgoj a-ml ivi nakecidan  
\\ \\ il eocekal uri kuTxidan  
\\ \\ mcire badeqonidan  
\\ \\ kol inj is marcxena nakecidan

\\ \\ \\ Tu l aparatomiis ASemdeg mucl is RruSi aRmoCnda sisxl i, maSin pirvel rigSi mucl is Rrus revizias iwyeben:

\\ \\ Rruiani organoebis: kuWisa da nawl avebis daTval ierebiT  
\\ \\ parenqimul i organoebis: RviZl is, el enTis, pankreas is daTval ierebiT  
\\ \\ didi da mcire badeqonis daTval ierebiT  
\\ \\ Tirkml ebis, Tirkmel zeda j irkvl ebisa da SardsaWveTebis daTval ierebiT

\\ \\ \\ ras warmoadges nawl avis nakeri?

\\ \\ saWml is momnel ebel i mil is organoebze operaciul i midgomis wess  
\\ \\ wess, romel ic saSual ebas iZl eva gaixsnas nawl avis sanaTuri  
\\ \\ nawl avis kedl ebis SeerTebis wess  
\\ \\ nawl avis kedl ebis mucl is wina kedel Tan dakavSirebis wess

\\ \\ \\ ras warmoadgens nawl avis nakeris biol ogiur safuZvel s?

- \\ I orwovani garsis pl astikuroba
- \\ I orwqveSa Sris meqanikuri simtkice
- \\ kunToveni garsis pl astikuroba
- \\ peritoneumis pl astikuroba

- \\ \\ nawl avTa romel i nakerebia mowodebul i?
- \\ erTiarusiani da mraVal iarusiani
- \\ qirurgiul i da ginekol ogiuri
- \\ droebiTi da mudmivi
- \\ pirvel adi da gadavadebul i

- \\ \\ I amberis mixedviT romel i nakeri srul deba?
- \\ SigniTa
- \\ gareTa
- \\ medial uri
- \\ I ateral uri

- \\ \\ ras warmoadgens al bertis nakeri?
- \\ gareTa nakers
- \\ Sua nakers
- \\ SigniTa nakers
- \\ mosaxsnel nakers

- \\ \\ ras warmoadgens Smidenis nakeri?
- \\ sero-serozul nakers
- \\ serozul -kunTovan nakers
- \\ droebiT nakers
- \\ uwyvet gamWol nakers

- \\ \\ Smidenis nakeris Sesrul ebisas nemsiT Cxvl eta yovel Tvis keTdeba:
- \\ I orwovaniS mxridan
- \\ serozul i garsis mxridan
- \\ kunTovani Sris mxridan
- \\ kani dan

- \\ \\ Cveul ebriv, kuWis romel i kedel i gaiKveTeba gastrotomiis dros?
- \\ ukana
- \\ wi na
- \\ qveda
- \\ zeda

- \\ \\ risTvis keTdeba gastrostomi a?
- \\ kuWidan ucxo sxel is amoRebis mi zni T
- \\ kuWis I orwovaniS daTval ierebis mi zni T
- \\ avadmyofis xel ovnurad kvebis mi zni T
- \\ avadmyofis dietur kvebaze gadayvaniS mi zni T

- \\ \\ romel i ganakveTiT xsnian mucl is Rrus gastrostomiis dros?
- \\ marj vena parareqtal uri

\\ marcxena parareqtaL uri  
\\ marj vena transreqtaL uri  
\\ marcxena transreqtaL uri

\\ \\ gastrostomiis romel wess iyeneben bavSvTa asakSi?  
\\ Stam-kaderis  
\\ vitcel is  
\\ toproveris  
\\ iudinis

\\ \\ kuWis romel i fistul a SeiZl eba daixuros Tavistavad?  
\\ tuCisebri  
\\ mil ovani  
\\ Zabrisebri  
\\ cil indrul i

\\ \\ kuWis romel kedel ze keTdeba gastrostomia?  
\\ zeda  
\\ ukana  
\\ wina  
\\ gverdiT

\\ \\ kuWze sad SeiZl eba anastomozis dadeba ml iv nawl avsa da kuWs Soris?  
\\ mcire simrudeze an kardiis nawil ze  
\\ kardiis an Ziris nawil ze  
\\ mcire simrudeze an Ziris nawil ze  
\\ wina an ukana kedel ze

\\ \\ gastroenteroanastomozis Sesaqmnel ad wril i nawl avi SeiZl eba  
gatardes:  
\\ ganivi kol inj is win an ukan  
\\ aswrvivi kol inj is win an ukan  
\\ daswrvivi kol inj is win an ukan  
\\ wril i nawl avis j orj l is win an ukan

\\ \\ visi wesiT srul deba kuW-nawl avis wina SerTul i?  
\\ toproveris  
\\ vel fl eris  
\\ kaderis  
\\ pal er-petersenis

\\ \\ visi wesiT srul deba kuW-nawl avis ukana SerTul i?  
\\ vel furis  
\\ CaCavas  
\\ haker-petersenis  
\\ toproveris

\\ \\ kuWis distal uri rezeqciis SemTxvevaSi kuWis takvi dakavSirebul ia:  
\\ sayl apav mil Tan  
\\ Tormetgoj a nawl avTan  
\\ ml iv nawl avTan

\\ msxvii nawl avTan

\\ \\ ras gul isxmobs kuWis rezeqciis bil roTis meore wesi?

\\ kuWis takvsa da 12goj a nawl avs Soris SerTul is Seqmna

\\ kuWisa da 12goj a nawl avis takvebis yrud daxurvas da kuW-nawl avis SerTul is Seqmna

\\ kuWis takvsa da ml iv nawl avs Soris SerTul is Seqmna

\\ kuWis takvsa da ganiv kol inj s Soris SerTul is Seqmna

\\ \\ ramdeni ZiriTadi etapisagan Sedgeba kuWis rezeqcia hofmeister-fintereris mixedviT?

\\ xuTi

\\ ori

\\ sami

\\ oTxi

\\ \\ raSi mdgomareobs hofmeister-fintereris mixedviT kuWis rezeqciis I etapi?

\\ Tormetgoj a nawl avis gadakveTa

\\ Tormetgoj a nawl avis takvis daxurva

\\ kuWis nawil is amokveTa

\\ kuWis mobil izacia

\\ \\ raSi mdgomareobs hofmeister -fintereris mixedviT kuWis rezeqciis II etapi?

\\ kuWis mobil izacia

\\ kuWis nawil is amokveTa

\\ kuW-nawl avis SerTul is Seqmna

\\ Tormetgoj a nawl avis gadakveTa da misi takvis damuSaveba

\\ \\ raSi mdgomareobs hofmeister-fintereris mixedviT kuWis rezeqciis mesame etapi?

\\ kuWis nawil is amokveTa da kuW-nawl avis SerTul is Seqmna

\\ Tormetgoj a nawl avis gadakveTa da misi takvis daxurva

\\ kuWis mcire simrudis mobil izacia

\\ kuWis didi simrudis mobil izacia

\\ \\ qol ecisteqtomiis dros naRvl is buStis yel idan gamoyofis SemTxvevaSi ramden ZiriTad etaps gamoyofen?

\\ ori

\\ sami

\\ oTxi

\\ xuTi

\\ \\ ras gul isxmobs operaciis pirvel i etapi qol ecisteqtomiis dros naRvl is buStis yel idan gamoyofis SemTxvevaSi?

\\ RviZl is arteries marj vena totis gadaskvna da gadakveTas

\\ RviZl is sadinaris gadaskvna da gadakveTas

\\ naRvl is buStis arteries gadaskvna da gadakveTas

\\ naRvl is saerTo sadinaris gadaskvna da gadakveTas

\\ \\ ras gul isxmobs operaciis meore etapi qol ecisteqtomiis dros naRvl is buStis yel idan gamoyofis SemTxvevaSi?  
\\ \\ RviZl is sadinaris gadaskvna da gadakveTas  
\\ \\ naRvl is marj vena sadinaris gadaskvna da gadakveTas  
\\ \\ naRvl is marcxena sadinaris gadaskvna da gadakveTas  
\\ \\ naRvl is buStis sadinaris gadaskvna da gadakveTas

\\ \\ \\ ras gul isxmobs operaciis mesame etapi qol ecisteqtomiis dros naRvl is buStis yel idan gamoyofis SemTxvevaSi?  
\\ \\ naRvl is buStis amokveTas da misi sarecl is peritonizacias  
\\ \\ naRvl is buStis gaswvri vad gakveTas  
\\ \\ naRvl is buStsa da ml iv nawl avs Soris SerTul is Seqmnas  
\\ \\ naRvl is buStis mikerebas mucl is kedel ze

\\ \\ \\ qol ecisteqtomiis dros naRvl is buStis Ziridan gamoyofis SemTxvevaSi ramden ZiriTad etaps gamoyofen?  
\\ \\ ori  
\\ \\ sami  
\\ \\ oTxi  
\\ \\ xuTi

\\ \\ \\ ras gul isxmobs operaciis pirvel i etapi qol ecisteqtomiis dros naRvl is buStis Ziridan gamoyofis SemTxvevaSi?  
\\ \\ RviZl -Tormetgoj a iogis gamoyofas  
\\ \\ RviZl is sadinaris gamoyofas  
\\ \\ naRvl is buStis gamoyofas RviZl idan  
\\ \\ naRvl is marj vena sadinaris gamoyofas

\\ \\ \\ ras gul isxmobs operaciis meore etapi qol ecisteqtomiis dros naRvl is buStis Ziridan gamoyofis SemTxvevaSi?  
\\ \\ RviZl is arteries marj vena totisa da naRvl is marj vena sadinaris gadaskvna da gadakveTas  
\\ \\ RviZl is arteriis marcxena totsa da naRvl is marcxena sadinaris gadaskvnasa da gadakveTas  
\\ \\ naRvl is buStis arteriisa da RviZl is sadinaris gadaskvnasa da gadakveTas  
\\ \\ naRvl is buStis arteriisa da naRvl is buStis sadinaris gadaskvnasa da gadakveTas

\\ \\ \\ ras gul isxmobs operaciis mesame etapi qol ecisteqtomiis dros naRvl is buStis Ziridan gamoyofis SemTxvevaSi?  
\\ \\ naRvl is buStis sarecl is peritonizacias  
\\ \\ naRvl is buStis gaswvri vad gakveTas  
\\ \\ naRvl is buStis amoRebas cal keul i nawl ebis saxiT  
\\ \\ naRvl is buStis mikerebas mucl is kedel ze

\\ \\ \\ CamoTval eT nawl avTa SerTul is tipebi:

\\ gverdiT-gverdSi, oval uri, sferul i  
\\ gverdiT gverdSi, bol oTi gverdSi, bol oTi bol oSi  
\\ bol oTi bol oSi, oval uri, sferul i  
\\ oval uri, sferul i, el ifsisebri

\\ \\ rogori nakeriT xuraven nawl avis naCxvl et Wril obas?  
\\ kvanZovani nakeriT  
\\ uwyveti nakeriT  
\\ qisisebri nakeriT  
\\ Z--sebri nakeriT

\\ \\ nawl avis SedarebiT didi zomis Wril obebi ikereba:  
\\ nawl avis RerZis mimarT vertikal uri mimarTul ebiT  
\\ nawl avis RerZis mimarT gaswvri mimarTul ebiT  
\\ nawl avis RerZis mimarT iribi mimarTul ebiT  
\\ nawl avis RerZis mimarT ganivi mimarTul ebiT

\\ \\ rodis keraven msxvil i nawl avis Wril obas?  
\\ roca misi sigrZe ar aRemateba 1sm-s, amasTanave dazianebul ia nawl avis peritoneumiT dafarul i kedel i  
\\ roca misi sigrZe ar aRemateba 10sm-s, amasTanave dazianebul ia nawl avis peritoneumiT dafarul i kedel i  
\\ roca misi sigrZe ar aRemateba 1sm-s, amasTanave dazianebul ia nawl avis peritoneumiT daufaravi zedapiri  
\\ roca misi sigrZe ar aRemateba 10sm-s, amasTanave dazianebul ia nawl avis peritoneumiT daufaravi zedapiri

\\ \\ ras akeTeben msxvil i nawl avis didi zomis Wril obebis SemTxvevaSi?  
\\ Wril obas xuraven qisisebri nakeriT  
\\ Wril obas amoakereben mucl is kedl is Wril obaSi  
\\ Wril obaSi SehyavT tamponebi  
\\ Wril obas datoveben Riad

\\ \\ ramdeni etapisagan Sedgeba wvril i nawl avis rezeqcia?  
\\ ori  
\\ sami  
\\ oTx  
\\ xuTi

\\ \\ ras gul isxmobs wvril i nawl avis rezeqciis pirvel i etapi?  
\\ wvril i nawl avis gadakveTas  
\\ wvril i nawl avis rezeqcias  
\\ wvril i nawl avis j orjl is defeqtis daxurvas  
\\ wvril i nawl avis monakveTis mobil izacias

\\ \\ raSi mdgomareobs wvril i nawl avis rezeqciis meore etapi?  
\\ wvril i nawl avis rezeqcia  
\\ wvril i nawl avis mobil izacia  
\\ anastomozis Seqmna bol oTi bol oSi

\\ gverdiTi SerTul is Seqmna

\\\ ras gul isxmobs wvriI i nawl avis rezeqciis mesame etapi?

\\ nawl avis maryuJis daTval ierebas

\\ SerTul is Seqmnas

\\ nawl avis rezeqcias

\\ j orj l is defeqtis daxurvas

\\\ ras gul isxmobs wvriI i nawl avis rezeqciis meoTxe etapi?

\\ nawl avis amokerebas mucl is kedl is WriI obaSi

\\ SerTul is Seqmnas

\\ j orj l is defeqtis daxurvas

\\ j orj l is amokerebas mucl is kedl is WriI obaSis

\\\ romel i nawil ebi gamoiyofa mucl is RruSi?

\\ epi da mezogastriumi

\\ marj vena da marcxena ferdqveSa midamoebi

\\ marj vena da marcxena gverdiTi midamoebi

\\ sakuTriv mucl is Rru da retroperitonul i

\\\ mucl is romel nawil s warmoadgens epigastriumi?

\\ gverdiTs

\\ Suas

\\ zedas

\\ qvedas

\\\ mucl is romel nawil s warmoadgens mezogastriumi?

\\ qvedas

\\ Suas

\\ gverdiTs

\\ zedas

\\\ mucl is romel nawil s warmoadgens hipogastriumi?

\\ qvedas

\\ gverdiTs

\\ Suas

\\ zedas

\\\ mucl is romel nawil s ekuTvnis marj vena da marcxena ferdqveSa midamoebi?

\\ gverdiT nawil s

\\ hipogastriums

\\ mezogastriums

\\ epigastriums

\\\ mucl is romel nawil s ekuTvnis sakuTriv epigastriumis midamo?

\\ Wipis

\\ mezogastriums

\\ epigastriums

\\ hipogastriums



\\ \\ mucl is romel nawil Si mdebareobs marj vena da marcxena gverdiTi midamoebi?  
\\ \\ sazardul is  
\\ \\ mezogastriumSi  
\\ \\ hipogastriumSi  
\\ \\ epigastriumSi

\\ \\ \\ mucl is romel nawil s ekuTvnis Wipis midamo?  
\\ \\ \\ mezogastriums  
\\ \\ \\ epigastriums  
\\ \\ \\ hipogastriums  
\\ \\ \\ boqvens

\\ \\ \\ mucl is romel nawil Si mdebareobs marj vena da marcxena sazardul is midamoebi?  
\\ \\ \\ ferdqveSa  
\\ \\ \\ mezogastriumSi  
\\ \\ \\ epigastriumSi  
\\ \\ \\ hipogastriumSi

\\ \\ \\ mucl is romel nawil Si mdebareobs boqvenis midamo?  
\\ \\ \\ sazardul is  
\\ \\ \\ mezogastriumSi  
\\ \\ \\ hipogastriumSi  
\\ \\ \\ epigastriumSi

\\ \\ \\ ramden Sriania kanqveSa cximovani qsovil i Wipis zemoT?  
\\ \\ 1  
\\ \\ 2  
\\ \\ 3  
\\ \\ 4

\\ \\ \\ ramden Sriania Wipis cximovani qsovil i Wipis qvemoT?  
\\ \\ 4  
\\ \\ 3  
\\ \\ 2  
\\ \\ 1

\\ \\ \\ romel furcl ebad iyofa kanqveSa fascia mucl is wina gverdiT kedel ze?  
\\ \\ zeda da qveda  
\\ \\ medial uri da l ateral uri  
\\ \\ wina da ukana  
\\ \\ zedapirul i da Rrma

\\ \\ \\ ramden Sred iyofa mucl is wina gverdiTi kedel i?  
\\ \\ 3  
\\ \\ 2  
\\ \\ 4  
\\ \\ 1

\\ \\ CamoTval eT mucl is presis kunTebi?  
\\ \\ gareTa iribi, SigniTa iribi, swori, kvadratul i  
\\ \\ gareTa iribi, SigniTa iribi, ganivi, swori  
\\ \\ gareTa iribi, SigniTa iribi, rombisebri, swori  
\\ \\ gareTa iribi, SigniTa iribi, ganivi, trapeciul i

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia gareTa iribi kunTi?  
\\ \\ zedapirul i  
\\ \\ Rrma  
\\ \\ gverdiTi  
\\ \\ Sua

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia SigniTa iribi kunTi?  
\\ \\ Rrma  
\\ \\ Sua  
\\ \\ gverdiTi  
\\ \\ zedapirul i

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia ganivi kunTi?  
\\ \\ gverdiTi  
\\ \\ zedapirul i  
\\ \\ Sua  
\\ \\ Rrma

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia swori kunTi?  
\\ \\ Sua  
\\ \\ zedapirul i  
\\ \\ Rrma  
\\ \\ gverdiTi

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia ganivi fascia?  
\\ \\ gverdiTi  
\\ \\ Sua  
\\ \\ zedapirul i  
\\ \\ Rrma

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia subserozul i qsovil i?  
\\ \\ zedapirul i  
\\ \\ Rrma  
\\ \\ Sua  
\\ \\ gverdiTi

\\ \\ \\ mucl is wina-gverdiTi kedl is romel SreSia peritoneumi?  
\\ \\ gverdiTi  
\\ \\ Sua  
\\ \\ Rrma  
\\ \\ zedapirul i

\\ \\ \\ sad SeiZl eba ganviTardes TeTri xazis Tiaqari?  
\\ \\ Wipis qvemoT  
\\ \\ Wipis medial urad

\\ Wipis zemoT  
\\ \\ Wipis lateral urad

\\ \\ \\ ras waroadgens Wipis rgol i?  
\\ TeTri xazis defeqti  
\\ \\ kanis defeqti  
\\ \\ kunTis defeqti  
\\ \\ aponevrozis defeqti

\\ \\ \\ yovel i mxridan peritoneumiT dafarul organos ewodeba?  
\\ \\ mezoperitonul i  
\\ \\ retroperitonul i  
\\ \\ intraperitonul i  
\\ \\ supraperitonul i

\\ \\ \\ sami mxridan peritoneumiT dafarul organos ewodeba?  
\\ \\ retroperitonul i  
\\ \\ mezoperitonul i  
\\ \\ intraperitonul i  
\\ \\ supraperitonul i

\\ \\ \\ erTi mxridan peritoneumiT dafarul organos ewodeba?  
\\ \\ supraperitonul i  
\\ \\ mezoperitonul i  
\\ \\ intraperitonul i  
\\ \\ retroperitonul i

\\ \\ \\ ramdeni furcl isgan Sedgeba peritoneumi?  
\\ \\ ori  
\\ \\ sami  
\\ \\ erTi  
\\ \\ oTxi

\\ \\ \\ rogor aris dafarul i kuWi peritoneumiT?  
\\ \\ winidan  
\\ \\ uknidan  
\\ \\ yvel a mxridan  
\\ \\ qvemodan

\\ \\ \\ rogor aris dafarul i aswrvivi kol inj i peritoneumiT?  
\\ \\ ori mxridan  
\\ \\ sami mxridan  
\\ \\ erTi mxridan  
\\ \\ oTxi mxridan

\\ \\ \\ rogor aris dafarul i el enTa peritoneumiT?  
\\ \\ qvemodan  
\\ \\ zemodan  
\\ \\ yovel i mxridan  
\\ \\ uknidan

\\ \\ rogor aris dafarul i pankreasi peritoneumiT?

- \\ winidan
- \\ ukani dan
- \\ zemodan
- \\ qvemodan

\\ \\ rogor aris dafarul i ganivi kol inj i peritoneumiT?

- \\ winidan
- \\ yovel i mxridan
- \\ ukani dan
- \\ qvemodan

\\ \\ rogor iyofa mucl is Rru?

- \\ wina da ukana sarTul ebad
- \\ marj vena da marcxena sarTul ebad
- \\ medial ur da l ateral ur sarTul ebad
- \\ zeda da qveda sarTul ebad

\\ \\ sad mdebareobs Rrvizi is abga?

- \\ kuWisa da mcire badeqonis ukan
- \\ kuWisa da mcire badeqonis win
- \\ kuWisa da didi badeqonis win
- \\ kuWisa da didi badeqonis ukan

\\ \\ sad mdebareobs badeqonis abga?

- \\ mcire badeqonis ukan
- \\ mcire badeqonis win
- \\ didi badeqonis win
- \\ didi badeqonis ukan

\\ \\ riTia gayofil i erTmaneTisgan Rvizi isa da kuWis wina abgebi?

- \\ mrgval i iogiT
- \\ gvirgvinovani iogiT
- \\ namgl isebri iogiT
- \\ samkuTxa iogiT

\\ \\ retroperitoneul i sivrce winidan moisazRvreba:

- \\ pariesul i peritoneumi T
- \\ ganivi fascii T
- \\ didi badeqoni T
- \\ SuasaZgi di T

\\ \\ retroperitoneul i sivrce ukni dan moi sazRvreba:

- \\ mucl is ukana kedl i T
- \\ pariesul i peritoneumi T
- \\ didi badeqoni T
- \\ SuasaZgi di T

\\ \\ retroperitoneul i sivrce zevi T grZel deba:

- \\ peritoneumis RviZl ze, kuWze da el enTaze gadasvl is adgil amde
- \\ peritoneumis RviZl ze, kuWze da ganiv kol inj ze gadasvl is adgil amde
- \\ peritoneumis RviZl ze, kuWze da aswvri kol inj ze gadasvl is adgil amde
- \\ peritoneumis RviZl ze, kuWze da daswvri kol inj ze gadasvl is adgil amde

\\ \\ retroperitoneul i sivrce qvevi T grZel deba:

- \\ mcire menj amde
- \\ SuasaZgi damde
- \\ preitoneumis kuWze gadasvl is adgil amde
- \\ preitoneumis el enTaze gadasvl is adgil amde

\\ \\ retroperitoneul i sivrce gverdebze vrcel deba:

- \\ mucl is gverdiTi kedl idan peritoneumis \_ aswvri da daswvri kol inj ze gadasvl is adgil amde
- \\ preitoneumis RviZl ze gadasvl is adgil amde
- \\ preitoneumis kuWze gadasvl is adgil amde
- \\ preitoneumis ganiv kol inj ze gadasvl is adgil amde

\\ \\ retroperitoneul sivrceSi mdebareobs:

- \\ Tirkmel ebi, Tirkmel zeda jirkvl ebi, SardsaWveTebi, aorta, qveda Rru vena
- \\ Tirkmel ebi, simpaTikuri wvel is mucl is nawil i, wrbol is cisterna, kuWi
- \\ Tirkmel ebi, Tormetgoj a nawl avi, pankreasi, el enTa
- \\ Tirkmel ebi, gul mkerdis sadinris dasawyisi nawil i, sayl apavi mil i

\\ \\ retroperitoneul i fascia gamoeyofa:

- \\ pariesul i peritoneumis SemaerTebel qsovil s
- \\ ganiv fascias
- \\ parakol ons
- \\ paranefrons

\\ \\ Tirkml is wina da ukana fascias qmnis:

- \\ retroperitoneul i fascia
- \\ ganivi fascia
- \\ tol dtis fascia
- \\ parakol oni

\\ \\ Tirkml is wina da ukana fascia faravs:  
\\ Tirkmel sa da Tirkml is cximovan kafsul s  
\\ \\ Tirkmel sa da pankress  
\\ \\ Tirkmel sa da Tormetgoj a nawl avs  
\\ \\ Tirkmel sa da mucl is aortas

\\ \\ \\ Tirkml is wina da ukana fascia qveviT grZel deba:  
\\ \\ SardsaWveTis wina da ukana fasciaSi  
\\ \\ ganiv fasciaSi  
\\ \\ tol dtis fasciaSi  
\\ \\ parakol onSi

\\ \\ \\ pirvel i SemaerTebel qsovil ovani sivrce moTavsebul ia:  
\\ \\ mucl is SigniTafasciasa da Tirkml is ukana fascias Soris  
\\ \\ Tirkml is wina da ukana fasciebs Soris  
\\ \\ Tirkml is wina fasciis win  
\\ \\ tol dtis fasciis win

\\ \\ \\ pirvel SemaerTebel qsovil ovan sivrceSi mdebereobs:  
\\ \\ mucl is aorta, qvemo Rru vena da wrbol is cisterna  
\\ \\ mucl is aorta, qvemo Rru vena da simpatikuri wvel is gul mkerdis nawil i  
\\ \\ mucl is aorta da gul mkerdis sadinris dasasrul i nawil i  
\\ \\ mucl is aorta da zemo Rru vena

\\ \\ \\ meore SemaerTebel qsovil ovani sivrce moTavsebul ia:  
\\ \\ Tirkml is wina da ukna fasciebs Soris  
\\ \\ mucl is SigniTafasciasa da Tirkml is ukana fascias Soris  
\\ \\ Tirkml is wina fasciis win  
\\ \\ tol dtis fasciis win

\\ \\ \\ meore SemaerTebel qsovil ovani sivrceSi mdebareobs:  
\\ \\ Tirkmel i da pankresi  
\\ \\ Tirkmel i da Tormetgoj a nawl avi  
\\ \\ Tirkmel i da paranefroni  
\\ \\ Tirkmel i da parakol oni

\\ \\ \\ ra aris paranefroni:  
\\ \\ SardsaWveTis wina da ukana fasciebs Soris mdebare SemaerTebel i qsovil i  
\\ \\ Tirkml is cximovani kafsul a  
\\ \\ Tirkml is fibrozul i kafsul a  
\\ \\ kol inj is ukan mdebare cximovani SemaerTebel i qsovil i

\\ \\ \\ ra aris paraureteroni:  
\\ \\ Tirkml is cximovani kafsul a  
\\ \\ Tirkml is fibrozul i kafsul a  
\\ \\ SardsaWveTis wina da ukana fasciebs Soris mdebare SemaerTebel i qsovil i  
\\ \\ kol inj is ukan mdebare cximovani SemaerTebel i qsovil i

\\ \\ \\ mesame SemaerTebel qsovil ovani sivrce mdebareobs:  
\\ \\ Tirkml is wina da ukna fasciebs Soris  
\\ \\ mucl is SigniTafasciasa da Tirkml is ukana fascias Soris

\\ tol dtis fasciis win  
\\ Tirkml is wina fasciis win

\\ \\ ra aris tol dtis fascia:  
\\ kol inj is ukana fascia  
\\ Tirkml is wina fascia  
\\ Tirkml is ukana fascia  
\\ SardsaaweTis mfaravi fascia

\\ \\ ra aris parakol oni:  
\\ Tirkml is cximovani kafsul a  
\\ Tirkml is fibrozul i kafsul a  
\\ SardsaaweTis wina da ukana fasciebs Soris mdebare SemaerTebel i  
qsovil i  
\\ kol inj is ukan mdebare cximovani SemaerTebel i qsovil i

\\ \\ \\ mamakacis SardsaaweTis sigrZea:  
\\ 30-32sm  
\\ 15-20sm  
\\ 25-27sm  
\\ 28-30sm

\\ \\ \\ qal is SardsaaweTis sigrZea:  
\\ 15-20sm.  
\\ 25-27sm.  
\\ 28-30sm.  
\\ 27-29sm.

\\ \\ \\ ramdeni Seviwroveba aqvs SarsaaweTs:  
\\ erTi  
\\ sami  
\\ ori  
\\ oTxi

\\ \\ \\ SardsaaweTs yofen:  
\\ menj isa da Sorisis nawil ebad  
\\ mucl isa da wel is nawil ebad  
\\ mucl isa da menj is nawil ebad  
\\ menj isa da sazardul is nawil ebad

\\ \\ \\ SardsaaweTis mucl iseul i nawil i grZel deba:  
\\ Tirkml is menj idan – sasazRvro xazame  
\\ Tirkml is menj idan – Sardis buStamde  
\\ Tirkml is menj idan – sazardul is iogamde  
\\ Tirkml is menj idan –gavis Zvl is zeda zedapiramde

\\ \\ \\ SardsaaweTis menj is nawil i grZel deba:  
\\ Tirkml is menj idan – sasazRvro xazame  
\\ Tirkml is menj idan – Sardis buStamde  
\\ Tirkml is menj idan –gavis Zvl is zeda zedapiramde  
\\ sasazRvro xazidan \_ Sardis buStamde

\\ \\ riT aixsneba SardsaWveTSi kenWis gavl is dros tkivil is iradiacia  
sazardul is midamoSi, saTesl e parksa da asoSi:

\\ TeZo-sazardul is nervTan  
\\ sasqeso-barZayis nervTan  
\\ sasi rcxo-barZayis nervTan  
\\ saj dom nervTan

\\ \\ marj vena SardsaWveTS wini dan gadauVl is:

\\ wvriL i nawl avis j orj l is Ziri  
\\ sigmoiduri kol inj is j orj al i  
\\ ganivi kol inj is j orj l is Ziri  
\\ Tormetgoj a nawl avis qveda nawil i

\\ \\ marcxena SardsaWveTS wini dan gadauVl is:

\\ sigmoiduri kol inj is j orj al i  
\\ wvriL i nawl avis j orj l is Ziri  
\\ ganivi kol inj is j orj al i  
\\ Tormetgoj a nawl avis zeda nawil i

\\ \\ sad proecirdeba SardsaWveTi mucl is wina kedel ze:

\\ Wipis midamoSi, TeTri xazis gaswvriV  
\\ Wipis midamoSi, swori kunTis l ateral uri kidis gaswvriV  
\\ Wipis midamoSi, swori kunTis medial uri kidis gaswvriV  
\\ Wipis midamoSi, ganivi kunTis gaswvriV

\\ \\ sad proecirdeba SarsaWveTi mucl is ukana kedel ze:

\\ wel is midamoSi mal ebis ganiv morCebze gavl ebul xazze  
\\ wel is midamoSi mal ebis wvetian morCebze gavl ebul xazze  
\\ wel is midamoSi paravertebrul xazze  
\\ wel is midamoSi beWis xazis gaswvriV

\\ \\ romel i SemaerTebel qsovil ovani sivrce gamoiyofa menj is Sua sarTul Si:

\\ Sardis buStis wina, swori nawl avis ukana da gverdiTi  
\\ Sardis buStis wina, swori nawl avis wina da gverdiTi  
\\ Sardis buStis ukana, swori nawl avis wina da gverdiTi  
\\ Sardis buStis ukana, swori nawl avis ukana da gverdiTi

\\ \\ Sardis buStis wina sivrce mdebareobs:

\\ boqvenis Zvl ebsa da Sardis buSts Soris  
\\ swor nawl avsa da Sardis buSts Soris  
\\ saSvil osnosa da Sardis buSts Soris  
\\ saSvil osnosa da swor nawl avs Soris

\\ \\ ramden nawil ad iyofa Sardis buStis wina sivrce:

\\ sami  
\\ oTxi  
\\ xuTi





- \\ swori nawl awisa da Sardis buStis peritoneumi T daufaravi nawil ebi
- \\ saSvil osno, Sardisadeni da sakvercxeebi
- \\ Sardisadeni, sakvercxeebi da saSvil osnos I ul ebi

- \\ \\ buSt-saSvil osnos CaRrmaveba iqmneba:
- \\ Sardis buStis ukana kedl idan peritoneumis saSvil osnoze gadasvl is adgil ze
- \\ swori nawl awidan peritoneumis saSvil osnoze gadasvl is adgil ze
- \\ boqvenis Zvl ebsa da Sardis buSts Soris
- \\ swori nawl awis fasciasa da gavis Zval s Soris

- \\ \\ swornawl av-saSvil osnos CaRrmaveba iqmneba:
- \\ swori nawl awis fasciasa da gavis Zval s Soris
- \\ boqvenis Zvl ebsa da Sardis buSts Soris
- \\ Sardis buStis ukana kedl idan peritoneumis saSvil osnoze gadasvl is adgil ze
- \\ swori nawl awidan peritoneumis saSvil osnoze gadasvl is adgil ze

- \\ \\ mcire menj is Sua sarTul i mdebareobs:
- \\ peritoneumsa da menj is SuasaZgids Soris
- \\ menj is SuasaZgidsa da Sorisis zedapirul fascias Soris
- \\ boqvenis Zvl ebsa da Sardis buSts Soris
- \\ swori nawl awis fasciasa da gavis Zval s Soris

- \\ \\ mcire menj is qveda sarTul i mdebareobs:
- \\ peritoneumsa da menj is SuasaZgids Soris
- \\ menj is SuasaZgidsa da Sorisis zedapirul fascias Soris
- \\ boqvenis Zvl ebsa da Sardis buSts Soris
- \\ swori nawl awis fasciasa da gavis Zval s Soris

- \\ \\ romel Reroebad iyofa TeZos SigniTa arteria:
- \\ zeda da qveda
- \\ wina da ukana
- \\ gareTa da SigniTa
- \\ marj vena da marcxena

- \\ \\ TeZos SigniTa arteriis romel i Rerodan gamodis menj is viscerul i arteriebi:
- \\ ukana Rerodan
- \\ medial uri Rerodan
- \\ I ateral uri Rerodan
- \\ wina Rerodan

- \\ \\ TeZos SigniTa arteriis romel i Rerodan gamodis menj is pariesul i arteriebi:
- \\ ukana Rerodan
- \\ wina Rerodan
- \\ medial uri Rerodan

\\ I ateral uri Rerodan

\\\ TeZos SigniTa arteriis pariesul i totebia:

\\ TeZo-wel is, gavis I ateral uri, dundul ovani da damxuravi arteriebi

\\ TeZo-wel is, gavis I ateral uri, SigniTa sasircxo da damxuravi arteriebi

\\ TeZo-wel is, gavis I ateral uri, gareTa sasircxo da damxuravi arteriebi

\\ TeZo-wel is, gavis I ateral uri da swori nawl avis qveda arteriebi

\\\ TeZos SigniTa arteriis viscerul i totebia:

\\ Sardis buStis zeda da qveda, swori nawl avis Sua da SigniTa sasircxo arteria

\\ Sardis buStis zeda da qveda, TeZo-wel is da gavis I ateral uri arteria

\\ swori nawl avis Sua, dundul ovani da damxuravi arteriebi

\\ swori nawl avis Sua, gareTa sasircxo da damxuravi arteriebi

\\\ did da mcire menj s Soris sazRvars qmnis:

\\ pariesul i peritoneumi

\\ sazardul is iogi

\\ sasazRvro xazi

\\ SuasaZgi di

\\\ menj is sasazRvro xazi gavi is:

\\ menj is Zvl is rkal ovan xazze, koncxe, boqvenis borcvze da boqvenis simfizze

\\ menj is Zvl is rkal ovan xazze, zeda msxl isebr xvrel ze da boqvenis borcvze

\\ menj is Zvl is rkal ovan xazze, qveda msxl isebr xvrel ze da boqvenis borcvze

\\ menj is Zvl is rkal ovan xazze, saj dom xvrel ze da boqvenis borcvze

\\\ menj is pariesul i kunTebia:

\\ SigniTa damxuravi, msxl isebr da kodusunis kunTebi

\\ SigniTa damxuravi da yiTas amwevi kunTi

\\ SigniTa damxuravi da yiTas gareTa sfinqteri

\\ SigniTa damxuravi, boqven-kodusunis da TeZo-kodusunis kunTebi

\\\ menj is viscerul i kunTebia:

\\ yiTas amwevi kunTi da kodusunis kunTi

\\ yiTas amwevi kunTi da Sorisis ganivi Rrma kunTi

\\ yiTas amwevi kunTi da yiTas gareTa sfinqteri

\\ yiTas amwevi kunTi da SigniTa damxuravi kunTi

\\\ Sard-sasqeso SuasaZgi di mdebareobs:

\\ yiTas amwevi kunTebis wina I ateral ur kideebs Soris

\\ yiTas amwevi kunTebis ukana medial ur kideebs Soris

\\ yiTas amwevi kunTebis ukana I ateral ur kideebs Soris

\\ yiTas amwevi kunTebis wina medial ur kideebs Soris

\\\ Sard-sasqeso SuasaZgi di Seicavs:

\\ boqven-kodusunisa da TeZo-kodusunis kunTebis

\\ Sorisis ganiv Rrma kunTsa da fasciur furcl ebs

\\ yiTas amwevi kunTi, kodusunis kunTi da maTi mfaravi fasciebi

\\ Sorisis ganiv Rrma kunTsa da SigniTa damxurav kunTs

\\ \\ menj is SuasaZgids qmni s:

\\ boqven-kudusunisa da TeZo-kudusunis kunTebS

\\ Sorisis ganiv Rrma kunTsa da fasciur furcl ebs

\\ yiTas amwevi kunTi, kudusunis kunTi da maTi mfaravi fasciebi

\\ Sorisis ganivi Rrma kunTi da SigniTa damxuravi kunTi

\\ \\ yiTas gareTa sfinqterSi gamoyofen:

\\ kanqveSa, zedapirul da Rrma nawil s

\\ kanqveSa, wina da ukana nawil s

\\ kanqveSa, zeda da qveda nawil s

\\ kanqveSa, SigniTa da gareTa nawil s

\\ \\ SigniTa sfinqteri moTavsebul ia:

\\ gareTa sfinqteris SigniT, l orwovani garsis qveS

\\ yiTas amwevi kunTis sisqeSi

\\ Sorisis ganiv Rrma kunTis sisqeSi

\\ kudusunis kunTis qveS

\\ \\ sad iqmneba menj is fasciuri bude:

\\ menj is wina nawil Si

\\ menj is ukana nawil Si

\\ menj is zeda nawil Si

\\ menj is qveda nawil Si

\\ \\ ra mdebareobs menj is fasciur budeSi:

\\ menj is organoebis intraperitoneul i nawil ebi

\\ menj is organoebis eqstraperitoneul i nawil ebi

\\ menj is organoebis mezoperitoneul i nawil ebi

\\ menj is sisxl ZarRvebi da l imfuri kvanZebi

\\ \\ ra nawil ebad iyofa menj is fasciuri bude:

\\ wina da ukana

\\ zeda da qveda

\\ gareTa da SigniTa

\\ medial ur da l ateral ur

\\ \\ menj is fasciur budes wina da ukana nawil ebad yofs:

\\ Sard-sasqeso SuasaZgidi

\\ Sorisis ganivi iogi

\\ Sorisis apki

\\ peritoneum-Sorisis aponevrozi

\\ \\ sad mdebareobs Tirkmel zeda jirkval i:

\\ Tirkml is ukana zedapirze

\\ Tirkml is wina zedapirze

\\ Tirkml is qveda bol oze

\\ Tirkml is zeda bol oze

\\\ Tirkmel zeda jirkvl is zedapirebia:

\\ zeda, qveda da Tirkml ismxrivi

\\ wina, ukana da Tirkml ismxrivi

\\ medial uri, lateral uri da Tirkml ismxrivi

\\ marj vena, marcxena da Tirkml ismxrivi

\\\ Tirkmel zeda jirkvl is kari mdebareobs:

\\ zeda zedapirze

\\ Tirkml ismxriv zedapirze

\\ wina zedapirze

\\ ukana zedapirze

\\\ Tirkmel zeda jirkval i Tirkml isgan gamocal kevebul ia:

\\ Tirkml is wina fasciis ukana furcl iTa da cximovani kafsul iT

\\ Tirkml is wina fasciis wina furcl iTa da cximovani kafsul iT

\\ Tirkml is ukana fasciis ukana furcl iTa da cximovani kafsul iT

\\ Tirkml is ukana fasciis wina furcl iTa da cximovani kafsul iT

\\\ Tirkmel zeda jirkval i proecirdeba:

\\ xerxeml isa da paravertebrul xazebs Soris VIII-IX neknis areSi

\\ xerxeml isa da paravertebrul xazebs Soris IX-X neknis areSi

\\ xerxeml isa da paravertebrul xazebs Soris X-XI neknis areSi

\\ xerxeml isa da paravertebrul xazebs Soris XI-XII neknis areSi

\\\ Tirkmel zeda jirkval s kvebavs:

\\ Tirkml is arteriis wina toti

\\ Tirkml is arteriis ukana toti

\\ zeda, Sua da qveda Tirkmel zeda arteriebi

\\ Tirkml is damatebiTi arteria

\\\ arteria suprarenalis superior gamoeyofa:

\\ mucl is aortas

\\ SuasaZgidis arterias

\\ Tirkml is arterias

\\ pankres-Tormetgoj as arterias

\\\ arteria suprarenalis media gamoeyofa:

\\ mucl is aortas

\\ SuasaZgidis arterias

\\ Tirkml is arterias

\\ pankres-Tormetgoj as arterias

\\\ arteria suprarenalis inferior gamoeyofa:

\\ pankres-Tormetgoj as arterias

\\ Tirkml is arterias

\\ SuasaZgidis arterias

\\ Tirkml is arterias

\\\ mucl is aortas zeda nawil Si winidan faravs:

\\ pankreasi da 12 goj a nawl avis aswrvivi nawil i

\\ naRvl is buSti da naRvl is saerTo sadinari  
\\ ganivi kol inj i da misi j orj al i  
\\ marcxena SardsaaweTi

\\ \\ mucl is aortas qveda nawil Si iribad gadauvl is:  
\\ wril i nawl avis j orj l is Ziri  
\\ ganivi kol inj is j orj al i  
\\ sigmoiduri kol inj is j orj al i  
\\ qvemo Rru vena

\\ \\ ra gadauvl is winidan qvemo Rru venas qveda nawil Si?  
\\ wril i nawl avis j orj l is Ziri  
\\ ganivi kol inj is j orj l is Ziri  
\\ Tormetgoj a nawl avis zeda nawil i  
\\ aswrvivi kol inj i

\\ \\ qvemo Rru venis ukan gaivl is:  
\\ marj vena Tirkml is, wel isa da SuasaZgidis marj vena arteriebi  
\\ marj vena Tirkml is, wel isa da SuasaZgidis marcxena arteriebi  
\\ marcxena Tirkml is, wel isa da SuasaZgidis marj vena arteriebi  
\\ marcxena Tirkml is, wel isa da SuasaZgidis marcxena arteriebi

\\ \\ cistotomiis Cvenebaa:  
\\ Sardis buStis kenWebi, ucxo sxeul ebi, Sardis buStis Wril oba  
\\ Tirkml ebis qronikul i anTeba  
\\ Tirkml ebis mwvave anTeba  
\\ kenWebi Tirkml is menj Si

\\ \\ rogoria operaciul i midgoma cistotomiis dros:  
\\ qveda Sua ganakveTi  
\\ zeda Sua ganakveTi  
\\ parareqtal uri ganakveTi  
\\ yvel a zemoCamotvl il i

\\ \\ cistotomiis dros ketgutis saWer nakerebs adeben:  
\\ Sardis buStis ukana kedel ze mwverval Tan axl os  
\\ Sardis buStis wina kedel ze mwverval Tan axl os  
\\ Sardis buStis gverdiT kedel ze mwverval Tan axl os  
\\ Sardis buStis gverdiT kedel ze fuZesTan axl os

\\ \\ Sardis buStis kedel s keraven:  
\\ kunTovan garsSi gatarebul i ketgutis nakeriT  
\\ kunTovan garsSi gatarebul i abreSumis nakeriT  
\\ serozul garsSi gatarebul i ketgutis nakeriT  
\\ serozul garsSi gatarebul i abreSumis nakeriT

\\ \\ Sardis buStis l orwovanSi nakeris gatareba gamoiwvevs:  
\\ nakeris gaxsnas

\\ Seuxorcebl obas  
\\ daCirqebas  
\\ Zafze maril ebis dal eqvas da konkrementebis warmoqmnas

\\ \\ rogori nakeriT ikereba Sardis buStis kedel i:  
\\ erTiarusiani  
\\ oriarusiani  
\\ samiarusiani  
\\ oTxiarusiani

\\ \\ hemoroidul i kvanZebis gadaskvnis Cvenebaa:  
\\ hemoroidul i kvanZebis gaWedva  
\\ hemoroidul i kvanZebis mwvave anTeba  
\\ kvanZebis xSiri gamovardna da hemoroidul i sisxl dena  
\\ kvanZebis Rrma I okal izacia garTul ebul i paraproqtitiT

\\ \\ hemoroidul i kvanZebis gadaskvnis dros avadmyofi wevs:  
\\ mucel ze, menj i udevs magidis centrSi  
\\ mucel ze, menj i udevs magidis kideze  
\\ zurgze, menj i udevs magidis centrSi  
\\ zurgze, menj i udevs magidis kideze  
\\ \\ hemoroidul kvanZebs maSebi edeba:  
\\ yiTasadmi iribi mimarTul ebiT  
\\ yiTasadmi radial uri mimarTul ebiT  
\\ yiTasadmi gaswriwi mimarTul ebiT  
\\ yiTasadmi irgvl ivi mimarTul ebiT

\\ \\ maSebi kvanZebs yiTasadmi radial uri mimarTul ebiT edeba:  
\\ nawiburis mier yiTas dazgel ebis acil ebis mizniT  
\\ nawiburis mier yiTas damokl ebis acil ebis mizniT  
\\ nawiburis mier yiTas Seviwroebis acil ebis mizniT  
\\ nawiburis mier yiTas gafarToebis acil ebis mizniT

\\ \\ ra aris paraproqtiti:  
\\ wvri i nawl avis irgvl iv arsebul i SemaerTebel i qsovil is anTeba  
\\ swori nawl avis irgvl iv arsebul i SemaerTebel i qsovil is anTeba  
\\ sigmoiduri kol inj is irgvl iv arsebul i SemaerTebel i qsovil is anTeba  
\\ daswriwi kol inj is irgvl iv arsebul i SemaerTebel i qsovil is anTeba

\\ \\ Cirqovani keris I okal izaciis mixedviT arCeven:  
\\ wina da ukana paraproqtitebs  
\\ zeda da qveda paraproqtitebs  
\\ zedapirul da Rrma paraproqtitebs  
\\ SigniTa da gareTa paraproqtitebs

\\ \\ paraproqtitebis gaxsnis meTodika damokidebul ia:  
\\ Cirqovani keris I okal izaciaze  
\\ Cirqovani keris raodenobaze  
\\ Cirqovani keris konstitenciaze  
\\ Cirqovani keris garemomcvel el ementebze

\\ \\ kanqveSa paraproqtitebis dros avl eben:

\\ radial ur ganakveTs  
\\ \\ irib ganakveTs  
\\ \\ gaswvriV ganakveTs  
\\ \\ irgvl iv ganakveTs

\\ \\ \\ kanqveSa paraproqTitiS dros ganakveTi gaiVl eba:  
\\ \\ fl uqtuaciis an infil traciis adgil is zemoT  
\\ \\ fl uqtuaciis an infil traciis adgil is qvemoT  
\\ \\ fl uqtuaciis an infil traciis adgil idan moSorebiT  
\\ uSual od fl uqtuaciis an infil traciis adgil ze

\\ \\ \\ swori nawl avi mdebareobs:  
\\ gavis Zvl is wina zedapirze  
\\ \\ gavis Zvl is ukana zedapirze  
\\ \\ gavis Zvl is gverdiT zedapirze  
\\ \\ gavis Zvl is zeda zedapirze

\\ \\ \\ swori nawl avi iwyeBa:  
\\ \\ gavis I mal is doneze  
\\ \\ gavis II mal is doneze  
\\ \\ gavis III mal is doneze  
\\ \\ gavis IV mal is doneze

\\ \\ \\ swori nawl avis sigrZea:  
\\ \\ 10-12sm.  
\\ \\ 15-20sm.  
\\ \\ 25-30sm.  
\\ \\ 5-10sm.

\\ \\ \\ swori nawl avSi gamoyofen:  
\\ \\ menj isa da mucl is nawil ebs  
\\ \\ menj isa da sazardul is nawil ebs  
\\ \\ menj isa da barZayis nawil ebs  
\\ menj isa da Sorisis nawil ebs

\\ \\ \\ swori nawl avis menj is nawil i mdebareobs:  
\\ yiTas amwevi kunTis zemoT  
\\ \\ yiTas amwevi kunTis qvemoT  
\\ \\ yiTas amwevi kunTis medial urad  
\\ \\ yiTas amwevi kunTis I ateral urad

\\ \\ \\ swori nawl avis Sorisis nawil i mdebareobs:  
\\ \\ yiTas amwevi kunTis zemoT  
\\ \\ yiTas amwevi kunTis qvemoT  
\\ \\ yiTas amwevi kunTis medial urad  
\\ \\ yiTas amwevi kunTis I ateral urad



\\ \\ romel nawil Sia ampulla recti:  
\\ \\ swori nawl avis dasawyis nawil Si  
\\ \\ swori nawl avis Sua nawil Si  
\\ \\ swori nawl avis Sorisis nawil Si  
\\ \\ swori nawl avis menj is nawil Si

\\ \\ \\ yiTas arxs uwodeben:  
\\ \\ swori nawl avis dasawyis nawil s  
\\ \\ swori nawl avis Sua nawil s  
\\ \\ swori nawl avis Sorisis nawil s  
\\ \\ swori nawl avis menj is nawil s

\\ \\ \\ supraampul uri nawil i peritoneumiT dafarul ia:  
\\ \\ yovel mxriv  
\\ \\ gverdebi dan  
\\ \\ wini dan  
\\ \\ ukni dan

\\ \\ \\ swori nawl avis ampul is nawil i dasawyisSi peritoneumiT dafarul ia:  
\\ \\ yovel mxriv  
\\ \\ wini dan da ukni dan  
\\ \\ ukni dan da gverdebi dan  
\\ \\ wini dan da gverdebi dan

\\ \\ \\ swori nawl avis ampul is nawil i qveviT peritoneumiT dafarul ia:  
\\ \\ mxol od ukni dan  
\\ \\ mxol od wini dan  
\\ \\ mxol od gverdebi dan  
\\ \\ yovel mxriv

\\ \\ \\ swornawl av-buStis CaRrmaveba iqmneba:  
\\ \\ gavis I an II mal is doneze  
\\ \\ gavis II an III mal is doneze  
\\ \\ gavis III an IV mal is doneze  
\\ \\ gavis IV an V mal is doneze

\\ \\ \\ swori nawl avis peritoneumiT dafarul zedapi rs exeba:  
\\ \\ Sardis buSti, winamdebare jirkval i, wvri l i nawl avis maryuJebi  
\\ \\ Sardis buSti, aswvri vi kol inj i, wvri l i nawl avis maryuJebi  
\\ \\ Sardis buSti, daswvri vi kol inj i, wvri l i nawl avis maryuJebi  
\\ \\ Sardis buSti, sigmoiduri kol inj i, wvri l i nawl avis maryuJebi

\\ \\ \\ swori nawl avis ukana zedapi ri uSual o urTierTobaSia:  
\\ \\ gavis Zval Tan, barZayis Zval Tan, yiTas amwev kunTTan  
\\ \\ gavis Zval Tan, kudusunTan, yiTas amwev kunTTan  
\\ \\ gavis Zval Tan, TeZos Zval Tan, yiTas amwev kunTTan  
\\ \\ gavis Zval Tan, gava-kukuxos iogTan, yiTas amwev kunTTan

\\ \\ \\ swor nawl avs kvebavs:  
\\ \\ swori nawl avis wina, ukana da qveda arteriebi  
\\ \\ swori nawl avis zeda, Sua da qveda arteriebi  
\\ \\ swori nawl avis wina, ukana da zeda arteriebi

\\ swori nawl avis zeda, qveda da gverdiTi arteriebi

\\\ swori nawl avis zeda arteria gamoeyofa:

\\ j orj l is qvemo arterias

\\ j orj l is zemo arterias

\\ TeZos SigniT a arterias

\\ SigniT a sasircxo arterias

\\\ swori nawl avis Sua arteria gamoeyofa:

\\ j orj l is qvemo arterias

\\ j orj l is zemo arterias

\\ SigniT a sasircxo arterias

\\ TeZos SigniT a arterias

\\\ swori nawl avis qveda arteria gamoeyofa:

\\ TeZos SigniT a arterias

\\ SigniT a sasircxo arterias

\\ j orj l is qvemo arterias

\\ j orj l is zemo arterias

\\\ swori nawl avis venuri wnul ebia:

\\ menj is, l orwqveSa da subfasciuri

\\ Sorisis, l orwqveSa da subfasciuri

\\ kanqveSa, l orwqveSa da subfasciuri

\\ kanqveSa, menj isa da Sorisis

\\\ hemoroidul i zona mdebareobs:

\\ yiTas zemoT arsebul l orwovani garsis gaswvri v naoWebs Soris

\\ yiTas qvemoT arsebul l orwovani garsis gaswvri v naoWebs Soris

\\ yiTas win arsebul l orwovani garsis gaswvri v naoWebs Soris

\\ yiTas ukan arsebul l orwovani garsis gaswvri v naoWebs Soris

\\\ swor nawl avs anervebs:

\\ j orj l is zemo da hipogastrul i nervul i wnul ebi

\\ j orj l is qvemo da hipogastrul i nervul i wnul ebi

\\ j orj l is zemo da faSvis nervul i wnul ebi

\\ j orj l is qvemo da faSvis nervul i wnul ebi

\\\ swori nawl avis venuri wnul ebis saSual ebiT erTmaneTTan dakavSirebul ia:

\\ qvemo Rru venisa da karis venis sistemebi

\\ zemo Rru venisa da qvemo Rru venis sistemebi

\\ zemo Rre venis sistemis venebi

\\ qvemo Rru venis sistemis venebi

\\\ Sardis buSti mdebareobs:

\\ menj is SuasaZgidze, boqvenis simfizsa da swori nawl avis ampul ur nawl s Soris

\\ menj is SuasaZgidze, boqvenis simfizsa da gavis Zaval s Soris  
\\ menj is SuasaZgidze, swor nawl avsa da gavis Zaval s Soris  
\\ menj is SuasaZgidze, boqvenis simfizsa da yiTas amwev kunTs Soris

\\ \\ \\ Sardis buStis kunTovan Sreebs erTad ewodeba:

\\ \\ Sardis Semakavebel i kunTi  
\\ \\ Sardis avsebis kunTi  
\\ \\ Sardis damcl el i kunTi  
\\ \\ Sardis gamomyofi kunTi

\\ \\ \\ Sardis buStis samkuTxedi mdebareobs:

\\ \\ fuZis fargl ebSi  
\\ \\ yel is fargl ebSi  
\\ \\ mwverval is fargl ebSi  
\\ \\ sxoul is fargl ebSi

\\ \\ \\ Sardis buStis samkuTxedis wina kuTxe Seesabameba:

\\ \\ marj vena SardsaTveTis xvrel s  
\\ \\ marcxena SardsaTveTis xvrel s  
\\ \\ Sardsadenis gareTa xvrel s  
\\ \\ Sardsadenis SigniTa xvrel s

\\ \\ \\ Sardis buStis samkuTxedis ukana kuTxeebi Seesabameba:

\\ \\ winamdebare j irkvl is Sua nawil s  
\\ \\ SardsaTveTebis xvrel ebs  
\\ \\ Sardsadenis gareTa xvrel s  
\\ \\ Sardsadenis SigniTa xvrel s

\\ \\ \\ Sardis buStis naqi mdebareobs:

\\ \\ SardsaTveTebis xvrel ebis ukan, Sardis buStis samkuTxedis fargl ebSi  
\\ \\ SardsaTveTebis xvrel ebis win, Sardis buStis samkuTxedis fargl ebSi  
\\ \\ Sardsadenis SigniTa xvrel is ukan, Sardis buStis samkuTxedis fargl ebSi  
\\ \\ Sardsadenis SigniTa xvrel is win, Sardis buStis samkuTxedis fargl ebSi

\\ \\ \\ Sardis buStis naqi Seesabameba:

\\ \\ winamdebare j irkvl is Sua nawil s  
\\ \\ winamdebare j irkvl is zeda nawil s  
\\ \\ winamdebare j irkvl is qveda nawil s  
\\ \\ winamdebare j irkvl is gverdiT nawil s

\\ \\ \\ Sardis buSti peritoneumiT dafarul ia:

\\ \\ qveidan, nawil obriv winidan da gverdebidan  
\\ \\ zevidan, nawil obriv winidan da gverdebidan  
\\ \\ qveidan, nawil obriv uknidan da gverdebidan  
\\ \\ zevidan, nawil obriv uknidan da gverdebidan

\\ \\ \\ Sardis buStis ganivi naWi iqmneba:

\\ \\ peritoneumis mucl is ukana kedl idan \_ buStze gadasvl is adgil ze  
\\ \\ peritoneumis mucl is wina kedl idan \_ buStze gadasvl is adgil ze  
\\ \\ peritoneumis mucl is gverdiTi kedl idan \_ buStze gadasvl is adgil ze  
\\ \\ peritoneumis swori nawl avidan \_ buStze gadasvl is adgil ze

\\ \\ \\ Sardis buStis wina SemaerTebel qsovil ovani sivrce mdebareobs:  
\\ \\ boqvenis simfizsa da swor nawl avs Soris  
\\ \\ boqvenis simfizsa da saSvil osnos Soris  
\\ \\ boqvenis simfizsa da Sardis buSts Soris  
\\ \\ boqvenis simfizsa da winamdebare jirkval s Soris

\\ \\ \\ rogor urTierTobaSia winamdebare jirkval i Sardis buStTan:  
\\ \\ gars exveva Sardis buStis mwverval s da Sardsadensis dasawyiiss  
\\ \\ gars exveva Sardis buStis sxedul s da Sardsadensis dasawyiiss  
\\ \\ gars exveva Sardis buStis fuZes da Sardsadensis dasawyiiss  
\\ \\ gars exveva Sardis buStis yel s da Sardsadensis dasawyiiss

\\ \\ \\ Sardis buSts kvebavs:  
\\ \\ Sardis buStis wina da ukana arteriebi  
\\ \\ Sardis buStis zeda da qveda arteriebi  
\\ \\ Sardis buStis marj vena da marcxena arteriebi  
\\ \\ Sardis buStis SigniTa da gareTa arteriebi

\\ \\ \\ Sardis buStis zeda arteria gamoeyofa:  
\\ \\ j orj l is zeda arterias  
\\ \\ j orj l is qveda arterias  
\\ \\ Wipis arteriis dasawyiis nawil s  
\\ \\ TeZos SigniTa arteriis wina Reros

\\ \\ \\ Sardis buStis qveda arteria gamoeyofa:  
\\ \\ TeZos SigniTa arteriis wina Reros  
\\ \\ Wipis arteriis dasawyiis nawil s  
\\ \\ j orj l is zeda arterias  
\\ \\ j orj l is qveda arterias

\\ \\ \\ Sardis buStis venebi erTvis:  
\\ \\ winamdebare jirkval is venur wnul s  
\\ \\ swori nawl avis venur wnul s  
\\ \\ saSvil osnos venur wnul s  
\\ \\ Sardis buStis venur wnul s

\\ \\ \\ Sardis buSts anervebs:  
\\ \\ wina da ukana hipogastrul i wnul is totebi  
\\ \\ zeda da qveda hipogastrul i wnul is totebi  
\\ \\ marj vena da marcxena hipogastrul i wnul is totebi  
\\ \\ SigniTa da gareTa hipogastrul i wnul is totebi

\\ \\ \\ sad xorciel deba Cxvl eta paranefral uri bl okadis dros?  
\\ \\ XII neknsa da zurgis gammarTvel kunTs Soris kuTxeSi  
\\ \\ XI neknsa da zurgis gammarTvel kunTs Soris kuTxeSi  
\\ \\ maxvil isebr morCsa da VII nekns Soris kuTxeSi  
\\ \\ Sua da ukana aqsil arul xazebs Soris

- \\\ paraneural uri bl okadis mizania:
- \\ mucl is midamos kunTebis inervaciis droebiTi gamoTiSva
- \\ mucl is midamos kanis inervaciis droebiTi gamoTiSva
- \\ mucl is midamos inervaciis droebiTi gamoTiSva
- \\ mucl is Rrus organoebisa da sisxl ZarRvebis inervaciis droebiTi gamoTiSva

\\\ romel i, ramden procentiani da ra raodenobiT nivTiereba SehyavT paraneuralSi paraneural uri bol okadis dros mozdil ebSi:

- \\ novokainis 0,5%-iani xsnaris 60-100 ml .
- \\ novokainis 0,25%-iani xsnaris 60-100 ml .
- \\ novokainis 0,25%-iani xsnaris 20-50 ml .
- \\ novokainis 0,5%-iani xsnaris 10-20 ml .

\\\ paraneural uri bl okadis dros ra iTvl eba nemsis wveris paraneuralSi moxvedris kriteriumad:

- \\ novokainis xsnaris ukudenis Sewyveta
- \\ novokainis xsnaris ukudenis gaZl iereba
- \\ Sardvis gaxSireba
- \\ gaxSirebul i kuWis moqmedeba

\\\ romel ganakveTebis iyeneben Tirkmel Tan midgomiSTvis:

- \\ fiodorovisa da bergman-izrael is
- \\ fiodorovisa da makburneis
- \\ Jirarisa da bergman-izrael is
- \\ I enanderisa da koxeris

\\\ romel i ganakveTiT miudgebian SardsavveTis zeda da Sua nawil ebs:

- \\ wul ukiZis
- \\ makburneis
- \\ I enanderis
- \\ bergman-izrael is

\\\ romel i ganakveTiT miudgebian SardsavveTis qveda nawil s:

- \\ I enanderis an koxeris
- \\ pirogovis an wul ukiZis
- \\ janel iZis an rio-brankos
- \\ bergmanis an makburneis

\\\ sad keTdeba ganakveTi Tirkmel Tan midgomiSTvis fiodorovis mixedviT:

- \\ XI neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil idan qveviT iribi mimarTul ebiT Wipisken da aRwevs mucl is swori kunTis I ateral ur kides

- \\ XII neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil idan qveviT iribi mimarTul ebiT Wipisken da aRwevs mucl is swori kunTis medial ur kides

- \\ XII neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil idan qveviT iribi mimarTul ebiT Wipisken da aRwevs mucl is swori kunTis I ateral ur kides

\\ X neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil idan qveviT iribi mimarTul ebiT Wipisken da aRwevs mucl is swori kunTis l ateral ur kides

\\ \\ sad keTdeba ganakveTi Tirkmel Tan midgomisaTvis bergman-izrael is mixedviT:

\\ XII neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil Si Seqmnil i kuTxis biseqtrisaze iribad, qveviT da win iRI iis wina xazamde

\\ XII neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil Si Seqmnil i kuTxis biseqtrisaze iribad, qveviT da win l aviwis Sua xazamde

\\ \\ XII neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil idan qveviT iribi mimarTul ebiT Wipisken da aRwevs mucl is swori kunTis medial ur kides

\\ \\ XII neknisa da zurgis gammarTvel i kunTis urTierTgadakveTis wertil idan qveviT iribi mimarTul ebiT Wipisken da aRwevs mucl is swori kunTis l ateral ur kides

\\ \\ nefreqtomiis Cvenebebia:

\\ \\ Tirkml is travmul i dazianeba, hidronefrozi, Tirkml is Wval i, nefrol iTiazi, avTvisebiani simsi vne

\\ \\ Tirkml is mZime travmul i dazianeba, hidronefrozi, peritoniti, nefrol iTiazi, avTvisebiani simsi vne

\\ \\ Tirkml is mZime travmul i dazianeba, hidronefrozi, pionefrozi, nefrol iTiazi, avTvisebiani simsi vne

\\ \\ Tirkml is mZime travmul i dazianeba, hidronefrozi, pionefrozi, nefrol iTiazi, avTvisebiani simsi vne, qveda kidurebis maobl itirirebel i endarteriti

\\ \\ ra Tanmi mdevrobiT gadaskvnian Tirkml is fexis el ementebs nefreqtomi isas

\\ \\ vena Sard sawveTi da arteria

\\ \\ venas da arterias gadaskvnian pirvel ad - erTad, xol o Semdeg gadaskvnian Sard sawveTs

\\ \\ Sard sawveTi, arteria, vena

\\ \\ Sard sawveTs, venas da arterias gadaskvnian erTad

\\ \\ \\ sad keTdeba Sardis buStis kapil arul i punqcia:

\\ \\ Sua xazze kanis perpendikul arul ad, boqvenis simfizidan 0,5 sm-iT zemoT

\\ \\ Sua xazze kanis perpendikul arul ad, boqvenis simfizidan 2 sm-iT zemoT

\\ \\ Sua xazze kanis perpendikul arul ad, boqvenis simfizidan 4 sm-iT zemoT

\\ \\ Sua xazze kanis perpendikul arul ad, boqvenis simfizidan 7 sm-iT zemoT

\\ \\ \\ ra siRrmeze SehyavT nemsis qsovil ebSi Sardis buStis kapil arul i punqci is dros:

\\ \\ 1-3 sm-iT siRrmeze

\\ \\ 3-5 sm-iT siRrmeze

\\ \\ 6-8 sm-iT siRrmeze

\\ \\ 10-12 sm-iT siRrmez

\\ \\ \\ rogoria operaciul i midgoma epici stostomi isas:

- \\ transreqtal uri ganakveTi
- \\ parareqtal uri ganakveTi
- \\ zeda Sua ganakveTi
- \\ qveda Sua ganakveTi

- \\ \\ ra SeyavT gaxsnil Sardis buStSi epicistostomiis dros:
- \\ I iTonis moxrii i kaTeteri
- \\ special uri kaTeteri pecerisa
- \\ koxeris Rariani zondi
- \\ marl is didi tamponi

- \\ \\ sad mdebareoben Tirkmel ebi:
- \\ gul mkerdis X da wel is I-II mal ebis doneze
- \\ gul mkerdis XII da wel is I-II mal ebis doneze
- \\ gul mkerdis XII da wel is I-III mal ebis doneze
- \\ gul mkerdis XI da wel is I-IV mal ebis doneze

- \\ \\ sad mdebareobs Tirkml is kari:
- \\ Tirkml is l ateral ur kideze da mimarTul ia odnav win
- \\ Tirkml is l ateral ur kideze da mimarTul ia odnav ukan
- \\ Tirkml is medial ur kideze da mimarTul ia odnav win
- \\ Tirkml is medial ur kideze da mimarTul ia odnav ukan

- \\ \\ Tirkmel i riTia uSual od dafarul i:
- \\ fibrozul i kafsul iT
- \\ cximovani kafsul iT
- \\ sakuTari fasciis wina furcl iT
- \\ sakuTari fasciis ukana furcl iT

- \\ \\ riTia dafarul i fibrozul i kafsul a:
- \\ sakuTari fasciis wina furcl iT
- \\ sakuTari fasciis ukana furcl iT
- \\ fibrozul i kafsul iT
- \\ cximovani kafsul iT

- \\ \\ Tirkml is cximovani kafsul a anu:
- \\ parakol oni
- \\ paranefroni
- \\ paraureteroni
- \\ paraproqiti

- \\ \\ ra mdebareobs Tirkml is karSi:
- \\ Tirkml is sisxl ZarRvebi, nervebi, aorta da qvemo Rru vena
- \\ Tirkml is sisxl ZarRvebi, nervebi, Tirkml is menj i da SardsaWeTi
- \\ Tirkml is sisxl ZarRvebi, nervebi, Tirkml is menj i da l imfuri kvanZebi
- \\ Tirkml is sisxl ZarRvebi, nervebi, Tirkmel zeda jirkval i da l imfuri kvanZebi

- \\ \\ ra aris Tirkml is fexi:

\\ Tirkml is menj is, sisxl ZarRvebis, nervebis da l imfuri kvanZebis erTobl ioba

\\ Tirkml is menj is, sisxl ZarRvebis, nervebis da SardsaVveTis erTobl ioba

\\ Tirkml is sisxl ZarRvebis, nervebis, aortis da qvemo Rru venis erTobl ioba

\\ Tirkml is sisxl ZarRvebis, nervebis da Tirkmel zeda jirkval is erTobl ioba

\\ ra TanmimdevrobiTaa ganl agebul i Tirkml is karis el ementebi:

\\ win Tirkml is menj i, ukan arteria da vena, kidev ufro ukan nervebi

\\ win nervebi, ukan arteria da vena, kidev ufro ukan Tirkml is menj i

\\ win arteria, ukan vena da nervebi, kidev ufro ukan Tirkml is menj i

\\ win vena, ukan arteria da nervebi, kidev ufro ukan Tirkml is menj i

\\ ra kvebavs Tirkmel s:

\\ Tirkml is arteria da 1/2 SemTxvevaSi Tirkml is damatebiTi arteriebi

\\ Tirkmel zeda arteria da 1/2 SemTxvevaSi Tirkml is damatebiTi arteriebi

\\ Tirkml is arteria da 1/4 SemTxvevaSi Tirkml is damatebiTi arteriebi

\\ Tirkmel zeda arteria da 1/4 SemTxvevaSi Tirkml is damatebiTi arteriebi

\\ ras gamoeyofa Tirkml is damatebiTi arteriebi:

\\ mucl is aortas

\\ pankreas is qveda arterias

\\ el enTis arterias

\\ kuW-Tormetgoj as arterias

\\ sad Sedian damatebiTi arteriebi Tirkmel Si:

\\ wina an ukana zedapirebze da Tirkml is kariT

\\ zeda an qveda zedapirebze da Tirkml is kariT

\\ wina an ukana zedapirebze, medial ur an l ateral uri kidis gaswvriV

\\ wina an ukana zedapirebze, zeda an qveda bol os maxl obl ad

\\ Tirkml is inervacia xorciel deba:

\\ gavis wnul iT

\\ Tirkml is wnul iT

\\ el enTis wnul iT

\\ j orj l is wnul iT

\\ CamoTval eT Tavis formebi:

\\ endocefal uri, morfocefal uri, braqicefal uri

\\ egstracefal uri, mezocefal uri, dol iqocefal uri

\\ dol iqomorful i, mezomorful i, braqimorful i

\\ dol iqocefal i, mezocefal i, braqicefal i



\\Subl is midamos sisxl iT amagebs:  
\\lyuris wina da ukana arteriebi  
\\saxis da safeTql is arteriebi  
\\WaRzeda da Tval budis zeda arteriebi  
\\WaRqveda da Tval budis qveda arteriebi

\\romel venebs akavSirebs erTmaneTTan gamosaSvebi venebi:  
\\qal asarqvel is rbil i safarvel is venebs da tvinis magari garsis venur  
sinusebs  
\\WaRzeda da Tval budis zeda venebs  
\\lyuris wina da ukana venebs  
\\safeTql is zedapirul da saxis venebs

\\sad mdebareobs tvinis magari garsis ganivi sinusi?  
\\ganiv RarSi  
\\sigmoidur RarSi  
\\naTxemis karavSi  
\\Turqul kexze

\\miuTiTeT Zval -pl astiuri trepanaciis wesebi:  
\\vagner-vol fisa da ol ivekronas  
\\pirogovis da Sevkunenkos  
\\j anel iZis da muxaZis  
\\Ciqovanis da CaCavas

\\daasaxel eT Subl -Txem-kefis midamos pirvel i SemaerTebel qsovil ovani  
Sre:  
\\myesovani abj ris qveS mdebare SemaerTebel i qsovil i  
\\kanqveSa qsovil i  
\\Subl is kunTis qveS mdebare SemaerTebel i qsovil i  
\\kefis kunTis qveS mdebare SemaerTebel i qsovil i

\\Subl -Txem-kefis midamoSi Zvl isazrdel as qveS l okal izebul i hematomis  
an Cirqgrovis gavrcel ebis fargl ebi:  
\\vrcel deba mTel midamoSi  
\\Subl -Txem-kefis midamodan gadadis Tval budis midamoSi  
\\SemosazRvrul ia erTi Zvl is fargl ebiT  
\\SemosazRvrul ia ori Zvl is fargl ebiT

\\sigmoiduri sinusi mdebareobs:  
\\sigmoidur RarSi  
\\naTxemis karavSi  
\\ganiv RarSi  
\\dvriil isebr morCSi

\\kronl einis sqemis mixedviT qveda horizontal ur xazs avl eben:  
\\Tval budis qveda kidesa da dvriil isebr morCis mwverval s Soris  
\\Tval budis qveda kidesa da yvrimal is rkal ze  
\\Tval budis qveda kidesa da gareTa sasmeni xvrel is zeda kideze  
\\Tval budis zeda kideze horizontal urad

\\lqal as tviniseul nawil Si arCeven:  
\\Tval budesa da saxis gareTa nawil s  
\\lqal asarqvel sa da qal as fuZes  
\\lqal as wina da ukana nawil ebs  
\\hemi sferoebasa da naTxems

\\Subl -Txem-kefis midamos meore SemaerTebel qsovil ovani Sre mdebareobs:  
\\myesovani abj ris qveS  
\\Subl is kunTis qveS  
\\kefis kunTis qveS  
\\safeTql is kunTis qveS

\\safeTql is midamo qvevidan moisazRvreba:  
\\Subl is Zvl is yvrimal is morCiT yvrimal is rkal iT  
\\yvrimal is morCiT  
\\yvrimal is Zvl is Subl is morCiT  
\\yvrimal is rkal iT

\\mRvimovani sinusis gareTa kedel Tan mdebareobs:  
\\samwvera kvanZi  
\\simpaTikuri kvanZi  
\\gul is kvanZi  
\\varskvl avisebri kvanZi

\\rogoria kanis ganakveTi qal as trepanaciis dros:  
\\gamodrekiI obiT qvemoTken mimarTul i rkal ovani ganakveTi  
\\gadmodrekiI obiT winisken mimarTul i ganakveTi  
\\gadmodrekiI obiT ukanisken mimarTul i ganakveTi  
\\gamodrekiI obiT zemoTken mimarTul i rkal ovani ganakveTi

\\ras gamoxatavs qal as maCvenebel i:  
\\qal as simaRI is procentul Sefardebas mis siganesTan  
\\qal as siganis procentul Sefardebas mis sigrZesTan  
\\qal as simaRI is procentul Sefardebas mis sigrZesTan  
\\qal as sigrZis procentul Sefardebas mis siganesTan

\\qal as rbil i safarvel is Wril obebs sakmaod intensiuri sisxl is dena  
axasiaTebT, radganac:  
\\travmis Sedegad gamoiyofa nivTiereba, romel ic xel s uwyobs sisxl is  
denas  
\\gadakveTil i sisxl ZarRvebis sanaTurebi ar viwrovdeba  
\\sisxl is ZarRvebi Wril obidan gamodian gareT  
\\sisxl ZarRvebs Soris uxvi anastomozebia

\\qal as travmis dros SedarebiT ufro advil ad, xSirad da farTo  
fargl ebSi ziandeba:  
\\Zvl ebis Rrubl isebri nivTiereba  
\\Zvl ebis gareTa firfita  
\\Zvl ebis SigniTa firfita  
\\gareTa da SigniTa firfitebi erTnairad

\\lqveda sagital uri sinusi mdebareobs:  
\\didi tvinis namgl is zeda kideSi  
\\didi tvinis namgl is qveda kideSi  
\\didi tvinis namgl is wina bol oSi  
\\didi tvinis namgl is ukana bol oSi

\\lra ewodeba dvril isebri morCis trepanacias:  
\\antrotomia  
\\rezeqcia  
\\amputacia  
\\antropI astika

\\lqal asarqvel ze ZiriTadad avl eben:  
\\gaswvriV ganakveTebS  
\\ganiv ganakveTebS  
\\irib ganakveTebS  
\\radial ur ganakveTebS

\\l tvinis magari garsis venuri sinusis dazianeba mosal odnel ia:  
\\SeRweul i Wril obis SemTxvevaSi, qal as Zvl ebis damuSavebisas anda Zvl is  
namsxvrevebis amoCl is dros  
\\Subl -Txem-kefis midamos I SemaerTebel qsovil ovan SreSi hematomis  
ganviTarebis SemTxvevaSi  
\\safeTqel -qvedaybis saxsris wina amovardnil obisas  
\\safeTqel -qvedaybis saxsris ukana amovardnil obisas

\\ldazianebul i zeda sagital uri sinusis pl astika xorciel deba:  
\\didi saCino venis fragmentiT  
\\SigniTa sauRI e venis fragmentiT  
\\barZayis arteriIT  
\\SigniTa saZil e arteriIT

\\lra unda gakeTdes qal asSiga wnevis momatebis niSnebis gamomJRavnebis  
SemTxvevaSi Tavis Wril obis pirvel adi qirurgiul i damuSavebis dros:  
\\lavadmyofs ukeTdeba sixl is wnevis damwevi saSual ebebi  
\\akeTeben I umbal ur punqcias  
\\Tavze adeben civ rezinis parkebs  
\\gadaskvnian saerTo saZil e arterias

\\lTavis SeRweul i Wril obis SemTxvevaSi rogor xorciel deba tvinis  
Wril obis damuSaveba:  
\\amokveTen tvinis magari garsis kideebs, tvinis nivTierebidan amoCl ian  
ucxo sxoul ebs, Zvl is namsxvrevebs, Wril obas gamorecxaven Tbil i  
fiziol ogiuri xsnarIT

\\amokveTen mxol od tvinis magari garsis kideebs da Wril obas gamorecxaven  
civi wyl iT  
\\magari garsis Wril obas gaaganivreben , ucxo sxeul ebs amoaci an, tvinis  
Wril obis arxs mWidrod daatamponeben  
\\Wril obas gamorecxaven hipertoniul i xsnariT, amokveTen tvinis Wril obis  
kideebs

\\\\ra forma unda mieces Wril obas Subl -Txem-kefis midamos rbi i  
qsovil ebis Wril obis pirvel adi qirurgiul i damuSavebis dros:  
\\sferul i an samkuTxedis  
\\xazovani an el ifsisebri  
\\rkal ovani  
\\naxevradrkal ovani

\\\\qal as trepanaciis rezeqciul i wesis dros:  
\\Zvl ovan firfitas amoaci an da qal asarqvel Si rCeba defeqti  
\\Zvl ovan firfitas amoaci an da Semdeg isev aTavseben adgil ze  
\\Zvl ovan firfitas gadaabruneben da defeqts daxuraven misi gareTa  
zedapiriT  
\\Zvl ovan firfitas aaci an perikraniums da ise daxuraven defeqts

\\\\rogor keTdeba qal as Zval -pl astikuri trepanacia vagner-vol fis wesiT:  
\\kan-aponevrozisa da Zval -Zvl isazrdel as nafl eTebis cal -cal ke gamoWriT  
\\kanisa da kanqveSa qsovil is nafl eTi gamoiWreba cal ke, xol o  
aponevrozisa da Zval -Zvl isazrdel as nafl eTi cal ke  
\\rbil i qsovil ebisa da Zvl isazrdel as nafl eTi Sei qmneba cal ke, xol o  
Zvl is nafl eTs moxerxaven cal ke  
\\Seqmnian rbi i qsovil ebisa da Zvl is Semcvel erTian nafl eTs

\\\\qal as trepanaciis dros Zvl isazrdel asagan gamoTavisufi ebul Zvl is  
zol ze romel i xel sawyoTi akeTeben satrepanacio xvrel ebs:  
\\Zvl is satexiT  
\\el eqtro xerxiT  
\\xel is cibrutiT  
\\kvnetara maSiT

\\\\satrepanacio xvrel ebs Soris qal as Zval s xerxaven:  
\\moxril i xerxiT  
\\jil is mavTul ovani xerxiT  
\\swori xerxiT  
\\furcl ovani xerxiT

\\\\rodis keTdeba qal as dekompresiul i trepanacia:  
\\araoperabil uri simsi vneebis dros  
\\maRal i arteriul i wnevis SemTxvevebSi  
\\mudmivi Tavis tkivil ebis dros  
\\myesovani abj ris qveS ganviTarebul i hematomis dros

\\saxis gverdiT midamoSi Rrma ganakveTis mimarTul eba unda Seesabamebodes:  
\\samwvera nervis totebis msvl el obas  
\\sisxl ZarRvebis msvl el obas  
\\I imfuri ZarRvebis msvl el obas  
\\saxis nervis totebis msvl el obas

\\Subl -Txem-kefis midamos sisxl ZarRvebi moTavsebul ia:  
\\myesovani abj ris qveS ganivad  
\\myesovani abj ris zeviT gaswrvivad  
\\myesovani abj ris zeviT radial urad  
\\myesovani abj ris zeviT spiral urad

\\dvriil isebr gamosaSvebi vena gaivl is:  
\\safeTql is Zvl is xvrel Si  
\\dvriil isebr xvrel Si  
\\saxis nervis arxSi  
\\kefis xvrel Si

\\kefis gamosaSvebi vena erTmaneTTan akavSirebs:  
\\kefis venasa da swor sinuss  
\\kefis venas da ganiv sinuss  
\\safeTql is zedapirul venas da ganiv sinuss  
\\yuris ukana venas da ganiv sinuss

\\yur-safeTql is nervi gamoeyofa:  
\\zedaybis nervs  
\\qvedaybis nervs  
\\yvrimal is nervs  
\\I ojis nervs

\\Sua meningeal uri arteria qal as RruSi Sedis:  
\\wvetiani xvrel iT  
\\mrgval i xvrel iT  
\\loval uri xvrel iT  
\\kefis didi xvrel iT

\\ra daniSnul eba aqvs tvinisaTvis magari garsis morCebs:  
\\icaven sisxl ZarRvebs da nervebs  
\\icaven I imfur ZarRvebs  
\\gamoyofen Tav-zurg-tvinis siTxes  
\\asrul eben amortizatoris rol s

\\tvinis magari garss kvebavs:  
\\Sua meningeal uri, xerxeml is da tvinis Sua arteriebi  
\\wina meningeal uri da xaxis daswrvivi arteriebi  
\\ukana meningeal uri, xerxeml is da tvinis ukana arteriebi  
\\wina, Sua da ukana meningeal uri arteriebi

\\lzeda sagital uri sinusi vrcel deba:  
\\brma xvrel idan kefis SigniTa SemaRI ebamde  
\\nazonidan Turqul kexamde  
\\gl abel adan qedis qveda xazamde  
\\brma xvrel idan mRvimovan sinusamde

\\lkefis sinusi gai vl is:  
\\mRvimovani sinusis l ateral urad  
\\ganivi Raris paral el urad  
\\sigmoiduri Raris gaswvri v  
\\naTxemis namgl is ZirSi

\\lcentral uri Rari gamoyofs:  
\\Txemis wil s kefis wil isagan  
\\Subl is wil s safeTql is wil isagan  
\\Tavis Tvini s hemisferoeb s erTmaneTisagan  
\\Subl is wil s Txemis wil isagan

\\lqal a-tvini s topografias Seiswavl ian:  
\\Ciqovani s sqemi T  
\\kronl eini s sqemi T  
\\burdenkos sqemi T  
\\j anel iZis sqemi T

\\lsaxis gverdiTi midamo moisazRvreb a zevi dan:  
\\lyvri mal is rkal iT da Tval budis Ezeda kidi T  
\\lyvri mal is rkal iT da Tval budis qveda kidi T  
\\warbebi s doneze gav l ebul i horizontal uri sibrtyiT  
\\cxvir-tuCi s naWi T

\\lsaxis gverdiTi midamos kanqveSa qsovi l Si ganl agebul ia:  
\\sisxl ZarRvebi da nervebi  
\\cximisa da ofl is j irkvl ebi  
\\sanerwyve j irkvl ebi  
\\saReWi kunTebi

\\lqveda ybi s ukana foso SemosazRvrul ia, zevi dan:  
\\lsadgisi sebr i morCi T  
\\lfrTisebr i morCi T  
\\lSigniTa sasmeni xvrel iT  
\\lgareTa sasmeni xvrel iT

\\lyba-yuri s j irkvl is kafsul isaTvis damaxasiaTebel ia:  
\\lorganos stromasTan mWidrod ar aris dakavSirebul i  
\\lSeicavs pariesul da viscerul furcl ebs  
\\mWidrodaa dakavSirebul i organos stromasTan da medial ur zedapirze  
Seicavs defeqts  
\\mWidrodaa dakavSirebul i organos stromasTan da l ateral ur zedapirze  
Seicavs defeqts

\\lyba-yuris j irkvl is sisqeSi gareTa saZil e arterias gamoeyofa:  
\\lenis arteria, zeda ybis arteria  
\\lsaxis arteria, Tval budis qveda arteria  
\\safeTql is zedapirul i arteria, zeda ybis arteria  
\\lxaxis aswrvivi arteria, xorxis zeda arteria

\\lyba-yuris j irkvl is sadinari ixzneba piris karibWeSi:  
\\zeda eSvis doneze  
\\zeda meore didi ZiriTadi kbil is doneze  
\\medial uri saWrel i kbil is doneze  
\\l ateral uri saWrel i kbil is doneze

\\lsaxis arteria proeqcirdeba xazze, romel ic gaivl is saReWi kunTis wina  
kidisa da qveda ybis qveda kidis gadakveTis wertil idan:  
\\Tval is napral is SigniTa kuTxemde  
\\Tval is napral is gareTa kuTxemde  
\\piris kuTxemde  
\\cxviris frTamde

\\lsaxis Rrma midamoSi zeda ybis arterias gamoeyofa:  
\\Sua meningeal uri arteria, kbil budeTa qveda arteria, saReWi aretria,  
safeTql is Rrma arteriebi, l oyis arteria  
\\ukana meningeal uri arteria, kbil budeTa qveda arteria, saReWi arteria,  
safeTql is Rrma arteriebi, l oyis arteria  
\\wina da ukana meningeal uri arteriebi, saReWi arteria  
\\Sua meningeal uri arteria, kbil budeTa zeda ukana arteriebi

\\lTavi iyofa  
\\lsaxisa da piris nawil ebad  
\\tvinisa da saxis nawil ebad  
\\qal asarqvel ad da qal as fuZed  
\\tvinisa da kisris nawil ebad

\\lromel i nervia Txemis midamoSi:  
\\yur-safeTql is nervi  
\\lyuris wina nervi  
\\lyuris ukana nervi  
\\safeTql is zedapirul i nervi

\\lsafeTql is midamo winidan moisazRvreba:  
\\Subl is Zvl is yvrimal is morCi da yvrimal is rkal i  
\\yvrimal is Zvl is Subl is morCi da yvrimal is rkal i  
\\Subl is Zvl is yvrimal is morCi da yvrimal is Zvl is Subl is morCi  
\\safeTql is zeda xazi da yvrimal is rkal i

\\lqal asarqvel is rbil i safarvel idan sisxl is denas aCereben:  
\\Tafi is sanTI is pastiT  
\\stearinis sanTI is pastiT

\\vazel inis pastiT  
\\sisxl ZarRvebis momWeriT

\\lqsel qveSa sivrce mdebareobs:  
\\magar garssa da Zval s Soris  
\\magar garssa da qsel isebr garsebs Soris  
\\qsel isebr da rbiL garsebs Soris  
\\rbil i garsis qveS

\\Txemis midamos sisxl iT amaraGebs:  
\\yuris wina da ukana arteriebi  
\\safeTql is zedapirul i da yuris ukana arteriebi  
\\safeTql is gareTa da yuris gareTa arteriebi  
\\Txemis da Subl is ukana arteriebi

\\safeTql is midamo zevidan da uknidan moisazRvreba:  
\\yvrimal is Zvl is Subl is morCiT  
\\safeTql is qveda xaziT  
\\safeTql is Sua xaziT  
\\safeTql is zeda xaziT

\\mRvimovani sinusis zeda l ateral uri kedl is sisqeSi ganl agebul ia:  
\\cdomil i, enis, WaRzeda nervebi  
\\Tval is mamozravebel i, WaRisebri da Tval budis nervebi  
\\Tval is mamozravebel i, ganmzidvel i da cTomil i nervebi  
\\WaRisebri, WaRzeda da sacremL e nervi

\\kronl einis sqemis mixedviT sad gaavl eben Sua vertikal ur xazs?  
\\yvrimal is rkal is Sua wertil idan  
\\safeTqel -qvedaybis saxsridan  
\\dvril isebr i morCis wina kididan  
\\dvril isebr i morCis ukana kididan

\\Subl -Txem-kefis midamos kani aris:  
\\Txel i, moZravi, uTmo  
\\sqel i, moZravi, TmiT Semosil i  
\\sqel i, mkvrivi, mcired moZravi, TmiT Semosil i  
\\Txel i da uZravi

\\operaciis dros perikraniumi unda dai zogos, radganac:  
\\igi icavs Zval s daziane bisagan  
\\igi Zal ze faSaria  
\\masSi gaivl is Zvl is mkvebavi sisxl ZarRvebi  
\\masSi didi raodenobiTaa nervebis dabol oebani

\\sad gaivl is safeTql is Rrma sisxl ZarRvebi da nervebi  
\\safeTql is kunTis gareTa zedapirze  
\\safeTql is kunTsa da safeTql is Zval s Soris  
\\sakuTari fasciis or furcel s Soris  
\\safeTql is fasciasa da safeTql is kunTs Soris



\\magari garsis wvriI i ZarRvebidan sisxl is denas aCereben:  
\\wyal badis zeJangis 3%-an xsnarSi dasvel ebul i marI is burTul iT, agreTve  
sisxl ZarRvis orive bol os gadaskvniT  
\\maril mJavas 3%-an xsnarSi dasvel ebul i marI is burTul iT  
\\lazotmJavas xsnarSi dasvel ebul i marI is burTul iT  
\\civ wyal Si dasvel ebul i marI is burTul iT

\\kronI einis sqemis mixedviT zeda horizontal uri xazi gaivl eba:  
\\Tval budis zeda kideze qveda horizontal uri xazis paral el urad  
\\Tval budis qveda kideze horizontal urad  
\\warbzeda rkal ebis doneze horizontal urad  
\\cxviris fuZis doneze horizontal urad

\\frontopetal uri qal as umetesi nawil i moTavsebul ia:  
\\yvrimal is rkal ebis SemaerTebwl i xazis win  
\\gareTa sasmeni xvrel ebis SemaerTebel i xazis ukan  
\\gareTa sasmeni xvrel ebis SemaerTebel i xazis win  
\\yvrimal is borcvebis SemaerTebel i xazis ukan

\\romel i nervebia Subl is midamoSi:  
\\yuris wina da ukana nervebi  
\\Tval budis zeda da Tval budis qveda nervebi  
\\WaRzeda da Tval budis qveda nervebi  
\\WaRzeda da Tval budis zeda nervebi

\\safeTql is midamos pirvel i SemaerTebel qsovil ovani Srea:  
\\kanqveSa qsovil i  
\\aponevrozis qveS mdebare qsovil i  
\\Zvl isazrdel as qveS mdebare qsovil i  
\\yuris niJaris win mdebare qsovil i

\\magar garssa da qal as Zvl ebs Soris napral ia, romel sac ewodeba:  
\\epidurul i sivrce  
\\subdurul i sivrce  
\\subaraqnoidul i sivrce  
\\garsTaSua sivrce

\\kronI einis sqemis mixedviT sagital ur xazs avl eben:  
\\nazonisa da bregmas Soris  
\\nazonisa da kefis gareTa SemaRI ebas Soris  
\\nikapis Sua wertil ze  
\\Tval budis zeda kidis SuaSi

\\rogoria qal asarqvel is sisxl ZarRvovan-nervul i konebis msvl el oba, rac  
rac gaTval iswinebul i unda iqnes ganakveTebis gavI ebis as:  
\\qveidan zeviT da radial urad  
\\qveidan zeviT da ganivad  
\\zevidan qveviT da radial urad  
\\winidan ukan da iribad

\\tvinis magari garsis venuri sinusebi dan uxSi resad zi andeba:  
\\mRvimovani sinusi  
\\kefis sinusi  
\\qveda sagital uri sinusi  
\\zedas sagital uri sinusi

\\rogoria Tavis SeuRwevel i Wriil oba?  
\\tvinis magari garsi dazianebul i araa  
\\dazianebul ia tvinis magari garsi  
\\dazianebul ia mogrZo tvini  
\\dazianebul ia naTxemi

\\Tavis Wriil obis pirvel adi qirurgiul i damuSavebisas qal asSiga wnevis momatebis niSnebis arsebobisas I umbal uri punqci iT gamoiReben:  
\\1-2ml -mde Tav-zurgis tvinis siTxes  
\\5-10 ml -mde Tav-zurgis tvinis siTxes  
\\15-20 ml -mde Tav-zurgis tvinis siTxes  
\\30-40 ml -mde Tav-zurgis tvinis siTxes

\\tvinis Wriil obis arxidan detritisa da wriil i ucxo sxeul ebis gamozevebas xel s uwyobs:  
\\tvinis Wriil obis kideebis iodiT damuSaveba da viwro fiTxiT gadaweva  
\\arteriaSi sisxl is gadasxma  
\\Wriil obis kideebis viwro fiTxiT gadaweva da qal asSiga wnevis aweva  
\\Wriil obis arxSi hipertoniul i xsnaris Sesxureba

\\Tavis Wriil obis yrud gakervis SemTxvevaSi, ramdeni xniT SeyavT rezinis sawreti zol ebi:  
\\10 dRiT  
\\2 kviriT  
\\5 dRiT  
\\1-2 dRiT

\\qal as Zval -pl astikuri trepanaciis wesis dros:  
\\Zvl ovan firfitas amoaci ian da qal sarqvel Si rCeba defeqti  
\\Zvl ovan nafl eTs operaciis Semdeg isev aTavseben Tavis adgil ze da defeqts xuraven  
\\Zvl ovani firfita iyofa 2 nawil ad -- gareTa da SigniT, SigniT firfitiT daixureba defeqti  
\\Zvl ovan firfitas gadaabruneben da defeqts daxuraven misi gareTa zedapiriT

\\romel wess aniWeben upiratesobas qal as Zval -pl astikuri trepanaciebis dros?  
\\vagner-vol fis  
\\ol ivekronas  
\\pirogovis  
\\janel iZis

\\ramdeni sm-iT aris daSorebul i erTmaneTisagan satrepanacio xvrel ebi?

\\1-2sm

\\2,5-3sm

\\3,5sm

\\4-5sm

\\lsatrepanacio xvrel ebs Soris j il is mavTul ovan xerxs gaatareben:

\\special uri gamtarIT

\\moxril i momWerIT

\\nemsIT da ZafIT

\\mavTul is saSual ebiT

\\lromel adgil ze keTdeba qal as dekompreziul i trepanacia, rodesac diagnozi dadgenil ia:

\\lyovel Tvis Subl is midamoSi

\\lyovel Tvis Txemis midamoSi

\\uSual od dazianebis keris zemoT

\\mniSvnel oba ara aqvs

\\lqal asarqvel ze gamoiyofa:

\\Subl is, kefis, Tval budis midamoebi

\\Subl -Txem-kefis, safeTql isa da dvriil iseбри morCis midamoebi

\\cxviris, piris, l ovis midamoebi

\\nikapis, l ovis, cxviris midamoebi

\\lqal asarqvel is gadakveTil i sisxl ZarRvebis sanaTuri ar viwrovdeba, radgan:

\\sisxl ZarRvTa kedl ebi mtkiced aris dakavSirebul i kanTan

\\sisxl ZarRvTa kedl ebi mtkiced aris dakavSirebul i kunTebTan

\\sisxl ZarRvTa kedl ebi mtkiced aris dakavSirebul i Zvl isazrdel asTan

\\sisxl ZarRvTa kedl ebi mtkiced aris dakavSirebul i kanqveSa

SemaerTebel qsovil ovan firfitebsa da xarixebTan

\\ldvriil iseбри gamosaSvebi vena erTmaneTTan akavSirebs:

\\kefis venas da zeda sagital ur sinuss

\\safeTql is zedapirul venasa da sigmoidur sinuss

\\safeTql is zedapirul venasa da ganiv sinuss

\\kefis venasa da sigmoidur sinuss

\\lsafeTql is zedapirul i fascia warmoadgens:

\\kisris SigniTa fasciis pariesul i furcl is gagrZel ebas

\\kisris SigniTa fasciis viscerul i furcl is gagrZel ebas

\\kisris mesame fasciis gagrZel ebas

\\myesovani abj ris gagrZel ebas

\\lsafeTql is fascia iyofa:

\\pariesul da visceral furcl ebad  
\\zeda da qveda furcl ebad  
\\zedapirul da Rrma furcl ebad  
\\kompaktur da dacxril ul firfitebad

\\Sua meningeal uri arteria iyofa:  
\\zeda da Sua totebad  
\\wina da ukana totebad  
\\zeda da qveda totebad  
\\gareTa da SigniTa totebad

\\didi tvinis namgal i gadaWimul ia:  
\\maml is bibil odan kefis SigniTa SemaRI ebamde  
\\nazonidan kefis SigniTa SemaRI ebamde  
\\gl abel adan kefis gareTa SemaRI ebamde  
\\maml is bibil odan Turqul kexamde

\\wina meningel uri arteria gamoeyofa:  
\\zedaybis arterias  
\\sasis daswvri arterias  
\\frTisebri arxis arterias  
\\tvinis wina arterias

\\zeda sagital uri sinusis sanaTuri:  
\\oTxkuTxedis formisaa  
\\samkuTxa formisaa  
\\rombisebri formisaa  
\\qviSis saaTis formisaa

\\sinusTa SerTul i iqmneba:  
\\zeda sagital uri, swori, kefisa da ganivi sinusebis SeerTebi T  
\\qveda sagital uri da swori sinusebis SeerTebi T  
\\zeda sagital uri da qveda sagital uri sinusebis SeerTebi T  
\\ganivi da sigmoiduri sinusebis SeerTebi T

\\I ateral uri Rari gamoyofs:  
\\Tavis tvinis hemisferoebis erTmaneTisagan  
\\naTxemis hemisferoebis erTmaneTisagan  
\\Subl is wil s Txemis wil isagan  
\\safeTql is wil s Subl is wil isagan, nawil obriv agreTve Txemis wil isagan

\\tvinis magari garsis zeda sagital uri sinusi kronl einis sqemis  
mixedviT proecirdeba:  
\\zeda horizontal ur xazze  
\\qveda horizontal ur xazze  
\\wina vertikal uri xazis zeda mesamedSi  
\\sagital ur xazze gl abel l as Sua wertil idan kefis gareTa SemaRI ebamde

\\saxis gverdiTi midamo moisazRvreba qvevi dan:

\\yvrimal is rkal i da Tval budis zeda kide  
\\yvrimal is rkal i da Tval budis qveda kide  
\\qveda ybis qveda kide  
\\zedaybis al veol uri morÇis qveda kide

\\saxis gverdiTi midamo iyofa:  
\\Tval budisa da l oyis midamod  
\\yba-yur-saReW da l oyis midamod  
\\Tval budis qveda da yba-yur-saReW mi damod  
\\cxviris da piris midamod

\\qveda ybis ukana foso SemosazRvrul ia, ukni dan:  
\\dvril isebri morÇiT da mkerd-l aviw-dvril isebri kunTis dasawyisiT  
\\sadgisisebri morÇiT da sadgis-inis kunTis dasawyisiT  
\\gareTa sasmeni xvrel iT da trapeciul i kunTiT  
\\SigniT sasmeni xvrel iT da pl atizmiT

\\yba-yuris jirkval i iZl eva morÇs:  
\\inisqveSa jirkvl isaken  
\\qvedaybisqveSa jirkvl isaken  
\\piris karibWisaken  
\\xaxis gverdiTi sivrcisken

\\saxis nervi gamodis:  
\\mrgval i xvrel iT  
\\loval uri xvrel iT  
\\wvetiani xvrel iT  
\\sadgis-dvril isebri xvrel idan  
\\yba-yuris jirkvl is sadinari kanze proecirdeba:  
\\yuris wina Wavl idan piris napral is kuTxemde gavl ebul i xazis Sua  
mesamedSi  
\\yuris wina Wavl idan cxviris frTamde gavl ebul i xazis wina mesamedSi  
\\yuris wina Wavl idan cxviris frTamde gavl ebul i xazis Sua mesamedSi  
\\yuris wina Wavl idan cxviris frTamde gavl ebul i xazis ukana mesamedSi

\\saxis Cirqovani procesebi venebis gziT SeiZl eba gavr cel des:  
\\kefis midamoSi  
\\Subl is midamoSi  
\\wina SuasayarSi  
\\tvinis magari garsis venur sinusebze da tvinis garsebze

\\saxis Rrma midamos mraval ricxvovani venebi qmnis:  
\\frTisebr wnul s  
\\kisris Rrma venur wnul s  
\\xerxeml is gareTa venur wnul s  
\\farisebr kent wnul s

\\Subl -Txem-kefis midamos ukana sazRvaria:  
\\qedis zeda da qveda xazebi  
\\kefis didi xvrel is ukana kide  
\\kefis gareTa SemaRI eba da qedis zeda xazi  
\\kefis gareTa SemaRI eba da gareTa sasmen xvrel ze gavl ebul i xazi

\\romel i Sreebi Sedis skal pis Semadgenl obaSi?  
\\kani, kanqveSa qsovil i da myesovani abj ari  
\\kani, kanqveSa qsovil i da qal asarqvel is Zvl ebi  
\\Subl isa da kefis kunTebi Zvl isazrdel a  
\\qal asarqvel is Zvl ebi Zvl isazrdel asTan erTad

\\lsad aris moTavsebul i safeTql is midamos meore SemaerTebel qsovil ovani Sre?  
\\safeTql is fasciis zedapirul i da Rrma furcl ebs Soris  
\\safeTql is zedapirul da sakuTar fasciebs Soris  
\\zedapirul i fasciis or furcel s Soris  
\\safeTql is kunTsa da sakuTar fascias Soris

\\Tavis Wril oba SeiZl eba iyos:  
\\SeRweul i da SeuRwevel i  
\\ganivi da iribi  
\\vertikal uri da horizontal uri  
\\didi da patara

\\kronl einis sqemiT sad gaavl eben wina vertikal ur xazs.  
\\yvrimal is rkal is Sua wertil idan  
\\yvrimal is rkal is bol o wertil idan  
\\safeTqel -qvedaybis saxsridan  
\\dvril isebri morCis ukana kididan

\\romel i nervebia kefis midamoSi?  
\\kefis wina da ukana nervebi  
\\kefis mcire da saSual o nervebi  
\\kefis mcire da didi nervebi  
\\kefis gareTa da SigniTa nervebi

\\lsad mdebareobs safeTql is midamos mesame SemaerTebel qsovil ovani sivrc:  
\\safeTql is kunTsa da safeTql is fascias Soris  
\\safeTql is fasciis or furcel s Soris  
\\safeTql is Zvl is Zvl isazrdel as qveS  
\\zedapirul da sakuTar fasciebs Soris

\\qal asarqvel is Zvl ebidan sisxl is denas aCereben:  
\\sisxl ZarRvTa momWerebiT  
\\reverdenis nemsiT  
\\TafI is sanTI is pastiT  
\\vazel inis pastiT

\\Tavis sigrZea:  
\\manZil i gl abel adan kefis Zvl is yvel aze daSorebul wertil amde  
\\manZil i nazionidan bregmamde  
\\manZil i warbzeda rkal ebs Soris  
\\manZil i yvrimal is rkal ebs Soris

\\lqal asarqvel is rbi i qsovil ebis sisxl ZarRvebi da nervebi TiToeul  
mxareze qmlian:

\\7 konas

\\6 konas

\\5 konas

\\3 konas

\\lqal asarqvel is Zval i Sedgeba:

\\lgareTa da SigniTa kompaqturi firfitebisagan, romel Ta Soris mdebareobs  
faSari cximovani qsovil i

\\lgareTa da SigniTa kompaqturi firfitebisagan, romel Ta Soris mdebareobs  
dipl oe

\\lgareTa da SigniTa kompaqturi firfitebisagan, romel Ta Soris mdebareobs  
I imfoiduri qsovil i

\\lgareTa da SigniTa kompaqturi firfitebisagan, romel Ta Sorisaa myesovani  
abj ari

\\lzedasagital uri sinusi moTavsebul ia:

\\didi tvinis namgl is dasawyisSi

\\didi tvinis namgl is zeda kideSi

\\didi tvinis namgl is bol oSi

\\naTxemis karavSi

\\lra forma unda mieces Wril obas Subl -Txem-kefis midamos rbi i  
qsovil ebis Wril obis pirvel adi qirurgiul i damuSavebis dros:

\\sferul i an samkuTxedis

\\xazovani an el ifsisebri

\\rkal ovani

\\naxevradrkal ovani

\\lkronl einis mixedviT sad gaavl eben ukana vertikal ur xazs:

\\lyvrimal is rkal is Sua wertil idan

\\safeTqel -qveda ybis saxsridan

\\dvriil isebri morCis ukana kididan

\\dvriil isebri morCis wina kididan

\\lSubl -Txem-kefis midamos wina sazRvaria:

\\Tval budis qveda kide

\\Tval budis l ateral uri kuTxe

\\Tval budis medial uri kuTxe

\\Tval budis zeda kide

\\lra ganapirobebs qal asarqvel is areSi skal pirebul i Wril obis  
ganviTarebis Sesazl ebl obas:

\\myesovani abj ris mtkice kavSiri Zvl isazrdel asTan da susti kavSiri  
kanTan

\\myesovani abj ris mtkice kavSiri kanTan da susti kavSiri  
Zvl isazrdel asTan

\\kanqveSa qsovil Si cximovani j irkvl ebis didi raodenoba

\\Tavis individual uri forma

\\romel jirkval Si gavi is safeTql is zedapirul i arteria da yur-  
safeTql is nervi:

\\qvedaybisqveSa jirkval Si

\\lenisqveSa jirkval Si

\\yba-yuris jirkval Si

\\nuSisebr jirkval Si

\\mRvimo van sinuss winidan erTvis:

\\SigniTa saZil e arteria da vena

\\Tval budis zeda da qveda venebi

\\gareTa sauRI e vena da kuTxis arteria

\\saxis vena da arteria

\\kronl einis sqemis mixedviT Sua meningeal uri arteriis mTavari Rero  
gavi is:

\\qveda horizontal ur da wina vertikal uri xazebis gadakveTis wertil Si

\\wina vertikal uri da sagital uri xazebis gadakveTis wertil Si

\\Sua vertikal ur da sagital uri xazebis gadakveTis wertil ebSi

\\ukana vertikal ur da sagital uri xazebis gadakveTis wertil Si

\\qal asarqvel ze operaciebis dros rogori ganakveTiT gamoiWreba kan-  
aponevrozul i nafleTi:

\\gamodreki l obiT qvemoTken mimaRTul i rkal ovani ganakveTiT

\\gamodreki l obiT zemoTken mimaRTul i rkal ovani ganakveTiT

\\horizontal urad gavl ebul i ganakveTiT

\\kombini rebul i ganakveTiT

\\tvinis magari garsis dazianebul i sinusi ikereba:

\\mcire zomis sworxazovani Wril obis SemTxvevaSi

\\sinusis defeqtis SemTxvevaSi

\\sinusis Trombozis SemTxvevaSi

\\sinusis sanaTurSi ucxo sxel ebis arsebobisas

\\Tavis Wril obis pirvel adi qirurgiul i damuSavebis dros operaciis mizania:

\\sisxl is denis SeCereba, ucxo sxel ebis amocla, infeqciis ganvitarebis  
acil eba

\\Wril obis gakerva

\\rbil i qsovil ebis siRrmeSi rezinis sawreti zol ebis Seyvana

\\myesovani abjris mTlianobis aRdgena

\\Tavis Wril obis pirvel adi qirurgiul i damuSavebisas Wril obis kideebi  
amokveTeba:

\\farTed, misi kidi dan 2sm-is daSorebiT

\\farTed, misi kidi dan 3sm-is daSorebiT

\\ekonomi urad, misi kidi dan 0.5-1sm-is daSorebiT

\\Wril obis kideeb sar amokveTen

\\tvinis Wril obebis damuSavebis dros rogor SeiZleba qal asSi ga wnevis  
momateba:



\\SigniTa sauRI e venebze TiTebiT zewol a, avadmyofis gaWinTva da Caxvel eba  
\\lavadmyofis gverdze gadabruneba da sunTqvis centris amgznebi saSual ebebis  
micema

\\kisris vago-simpaTikuri bl okada

\\WaRzeda da Tval budis zeda nervebis bl okada

\\\\ Tavis WriI obis pirvel adi qirurgiul i damuSavebis dros WriI obis yrud  
gakerva ukunaCvenebia:

\\misi mniSvnel ovani dabinzurebis, agreTve meoradi infeqciis niSnebis  
gamovl enisas

\\Tavis SeuRwevel i WriI obis SemTxvevaSi, rodesac dazianebul ia myesovani  
abj ari

\\Tavis SeuRwevel i WriI obis SemTxvevaSi, romel sac axl avs yvrimal is rkal is  
motexil oba

\\mogrZo tvinis dazianebis SemTxvevaSi

\\\\qal as Zval -pl astiuri trepanaciis ramdeni wesia mowodebul i:

\\4

\\2

\\3

\\5

\\\\kanis ganakveTidan ramdeni sm-iT SigniT kveTen Zvl isazrdel as qal as Zval -  
pl astikuri trepanaciis dros:

\\5sm

\\4sm

\\2sm

\\0,5-1sm

\\\\qal as trepanaciis dros romel i freziT iwyeben Zvl is gaburRvas?

\\burTul a freziT

\\konusisebri freziT

\\rombisebri freziT

\\Subisebri wveriani freziT

\\\\qal as trepanaciis dros Zvl is gasakveTad j il is mavTul ovani xerxis garda  
SeiZl eba gamoyenebul i iqnas:

\\raspatori

\\dal grenis anda borxardtis maSebi

\\\\ ueris kvnetara maSa

\\\\ istonis kvnetara maSa

\\\\romel midamoSi gakeTdeba qal as dekompresiul i trepanacia Tu  
paTol ogiuri keris l okal izacia ucnobia?

\\Subl is midamoSi

\\Txemis midamoSi

\\marcxena safeTql is midamoSi

\\marj vena safeTql is midamoSi

\\\\Subl -Txem-kefis midamos Zvl ovani safuZvel ia:

\\Subl isa da kefis qicvebi da Txemis Zvl is nawil i  
\\Subl is Zvl is ukana mesamedi, Txemisa da kefis Zvl ebis nawil ebi  
\\Tval budis Zvl ovani kideebi da safeTql is Zvl is zeda naxevari  
\\Txemis Zval i mTI ianad da safeTql is Zvl is zeda nawil i

\\Subl -Txem-kefis midamos Sreebia:

\\kani, kanqveSa qsovil i, myesovani abj ari, faSari SemaerTebel qsovil ovani  
Canafeni, Zvl isazrdel a, faSari SemaerTebel qsovil ovani Canafeni, Zval i  
\\kani, kanqveSa qsovil i, myesovani abj ari, Zvl isazrdel a, Zval i  
\\kani, kanqveSaA qsovil i, kanqveSa fascia, sakuTari fascia, Zvl isazrdel a,  
Zval i  
\\kani, kanqveSa qsovil i, kunTovani qsovil i, Zvl isazrdel a, Zval i

\\Txemis gamosaSvebi vena gaivl is:

\\wvetian xvrel Si  
\\sauRI e xvrel Si  
\\dacxril ul firfitaSi  
\\Txemis xvrel Si

\\safeTql is zedapirul i arteria gamoeyofa:

\\saxis arterias  
\\zedaybis arterias  
\\kbiI budeTa zeda ukana arterias  
\\gareTa saZil e arterias

\\safeTql is forakis Semqmnel i Zvl ebis SigniTa zedapirze gaivl is:

\\zedaybis arteria  
\\yur-safeTql is nervi  
\\wina meningeal uri arteria  
\\Sua meningeal uri arteria

\\Tavis tvini dafarul ia:

\\serozul i, l orwovani da l orwqveSa garsebi T  
\\serozul i, badisebri da mkvrivi garsebi T  
\\magari, qsel isebri da rbiI i garsebi T  
\\uSual od Zvl ebi T

\\Tavis tvinis romel nawil ebs Soris mdebareobs naTxemis karavi:

\\Subl isa da Txemis wil ebs Soris  
\\kefis wil sa da naTxems Soris  
\\Txemis wil sa da kefis wil s Soris  
\\Subl is da safeTql is wil ebs Soris

\\ukana meningel uri arteria gamoeyofa:

\\zedaybis arterias  
\\sasis daswrviv arterias  
\\xaxis aswrviv arterias  
\\tvini Sua arterias

\\zedagital uri sinusis diametri:

\\mTel sigrZeze Tanabaria  
\\winiaken TandaTan matul obs  
\\ukniaken TandaTan matul obs  
\\Sua mesamedSi mkveTrad ganieria

\\\\sad mdebareobs sinusTa SerTul i:  
\\\\kefis gareTa SemaRI ebasTan  
\\\\kefis SigniTa SemaRI ebasTan  
\\\\Turqul kexTan  
\\\\maml is bibil osTan

\\\\Tavis tvini sisxl iT maragdeba:  
\\\\SigniTa saZil e da xerxeml is arteriebiT  
\\\\gareTa da SigniTa saZil e arteriebiT  
\\\\gareTa saZil e da xerxeml is arteriebiT  
\\\\kefis ukana da tvinis wina arteriebiT

\\\\kronl einis sqemis mixedviT Sua meningeal uri arteriis wina toti  
gaivl is:  
\\\\wina vertikal uri da sagital uri xazebis gadakveTis wertil Si  
\\\\Sua vertikal uri da sagital uri xazebis gadakveTis wertil Si  
\\\\ukana vertikal uri da zeda horizontal uri xazebis gadakveTis wertil Si  
\\\\zed horizontal uri da wina vertikal uri xazebis gadakveTis wertil Si

\\\\saxis gverdiTi midamo moisazRvreba winidan:  
\\\\cxviris zurgiT  
\\\\gl abel as Sua wertil idan daSvebul i vertikal uri xaziT  
\\\\cxviris Zgidis fuZeze gavl ebul i vertikal uri xaziT  
\\\\cxvir-tuCiS naoWiT da piris napral is kuTxiT

\\\\yba-yuris jirkval i mdebareobs:  
\\\\ini sqveda mi damoSi  
\\\\ini szeda mi damoSi  
\\\\qvedaybis ukana fosoSi  
\\\\qvedaybisqveSa samkuTxedSi

\\\\qveda ybis ukana foso SemosazRvrul ia, qvevidan:  
\\\\ormucel a kunTis ukana mucl iT  
\\\\inis Zvl iT  
\\\\ena-inis kunTiT  
\\\\trapeciul i kunTiT

\\\\Cirqovani parotitis dros procesi SeiZl eba gavr cel des:  
\\\\gareTa sasmeni xvrel is irgvl iv mdebare SemaerTebel qsovil Si da xaxis  
gverdiT sivrcesi  
\\\\qvedaybisqveSa samkuTxedis fargl ebSi  
\\\\medial ur da l ateral ur frTisebr kunTebS Soris arsebul  
SemaerTebel qsovil ovan Sual edSi  
\\\\safeTql is kunTsa da l ateral ur frTisebr kunTs Soris arsebul  
SemaerTebel qsovil ovan Sual edSi

\\\\saxis nervs gamoeyofa Semdegi totebi:

\\safeTql is, Subl is, Tval budis, cxviris, yuris  
\\safeTql is, yur-safeTql is, kefis, saReWi, l oyis  
\\yur-safeTql is, Subl is, l oyis, tuCebis, kisris  
\\safeTql is, yvrimal is, l oyis, qveda ybis sanapiro, kisris

\\ll oyis midamoSi mimikuri kunTebis qveS mdebareobs:  
\\lsaReWi kunTi  
\\SigniTa frTisebri kunTi  
\\lgareTa frTisebri kunTi  
\\l oyis kunTi

\\llramden SemaerTebel qsovil ovan Sual eds arCeven saxis Rrma midamoSi:  
\\lerTs  
\\lors  
\\lsams  
\\loTxs

\\lxsaxis Wril obis pirvel adi qirurgiul i damuSavebis dros kans keraven:  
\\lmWrel i nemsita da abreSumis msxvil i ZafiT  
\\lmWrel i nemsita da ketgutis ZafiT  
\\lmWrel i nemsita da wvril i abreSumis ZafiT  
\\mrgval i nemsit da wvril i kapronis ZafiT

\\lSubl -Txem-kefis midamos kani didi raodenobiT Seicavs:  
\\lsanerwyve da ofl is jirkvl ebs  
\\lsanerwyve jirkvl ebs  
\\cximisa da ofl is jirkvl ebs  
\\lserozul da cximis jirkvl ebs

\\llrogoria myesovani abj ris qveS ganviTarebul i sisxl Caqcevis anda  
Cirqovani keris gavrcel ebis fargl ebi:  
\\lSemosazRvrul ia  
\\lvr cel deba TiTqmis mTel Subl -Txem-kefis midamoSi  
\\lvr cel deba erTi Zvl is fargl ebSi  
\\lvr cel deba mxol od gverdebze

\\lSad mdebareobs satrepanacio anu Sipos samkuTxedi  
\\ldvril isebri morCis wina kedel ze  
\\ldvril isebri morCis ukana kedel ze  
\\ldvril isebri morCis medial ur zedapirze  
\\ldvril isebri morCis lateral ur zedapirze

\\lTviniS Wril obis damuSavebisas dasaSvebia Tu ara misi kideebis

amokveTa?  
\\dasaSvebia ki deebi dan 0.7mm-is daSorebiT  
\\dasaSvebia ki deebi dan 0.8mm-is daSorebiT  
\\dasaSvebia ki deebi dan 1.0sm-is daSorebiT  
\\dauSvebel ia

\\Subl -Txem-kefis midamo gverdidan moisazRvreba:  
\\safeTql is qveda xaziT  
\\safeTql is Sua xaziT  
\\safeTql is zeda xaziT  
\\yvrimal is rkal iT

\\qal asarqvel is mesame SemaerTebel qsovil ovani Sre mdebareobs:  
\\perikraniumis qveS  
\\myesovani abj ris qveS  
\\kanqveS  
\\qal asarqvel is Zval sa da magar garss Soris

\\saidan agroveben sisxl s tvinis magari garsis venuri sinusebi?  
\\saxidan da cxviris Rrudan  
\\tvinidan da qal as Zvl ebidan  
\\saxis rbil i qsovil ebidan  
\\qal asarqvel is rbil i qsovil ebidan

\\Tavis Wril oba SeRweul ia, roca:  
\\rbil safarvel Tan da Zvl is dazianebasTan erTad gaxsnil ia magari garsic  
\\dazianebul ia mxol od rbil i qsovil ebi  
\\dazianebul ia rbil i qsovil ebi da Zval ic  
\\rbil i qsovil ebidan gakveTil ia myesovani abj ari

\\rogoria braqicefal uri Tavis qal as maCenebel i:  
\\95 da meti  
\\90 da meti  
\\91 da meti  
\\81 da meti

\\kefis midamos sisxl iT amaragebs:  
\\safeTql is zedapirul i da yuris ukana arteriebi  
\\yuris ukana da safeTql is ukana arteriebi  
\\kefis ukana da Sua arteriebi  
\\kefisa da yuris ukana arteriebi

\\romel i sisxl ZarRvebi da nervi gaivl is yuris niJaris win kanqveSa  
qsovil Si:  
\\safeTql is zedapirul i arteria, vena da yur-safeTql is nervi  
\\safeTql is zedapirul i arteria, vena da qvedaybis nervi  
\\safeTql is zedapirul i arteria, vena da yuris wina nervi  
\\lgareTa saZil e arteria, vena da saxis nervi

\\sad mdebareobs mRvimovani sinusi:

\\Turqul i kexis gverdebze  
\\kefis SigniTa SemaRI ebis irgvl iv  
\\kefis gareTa SemaRI ebis irgvl iv  
\\didi tvinis namgal Si

\\Camotval eT qal as trepanaciis wesebi:  
\\srul i da arasrul i  
\\qal asarqvel isa da qal as fuZis  
\\rezeqciul i da Zval pl astikuri  
\\gadaudebel i da saswrafo

\\saxis midamoSi hematomebisa da Cirqovani procesebis SedarebiT  
TavisufI ad gavrcel ebas ganapirobebs:  
\\sqel i da mkvrivi kanqveSa qsovil i  
\\uxvi da faSari kanqveSa qsovil i  
\\kanqveSa firfitebis arseboba  
\\mimikuri kunTebi

\\Subl -Txem-kefis midamos kani mcired moZravia, radganac:  
\\mtkiced aris dakavSirebul i kanqveSa qsovil Tan da myesovan abj arTan  
xarixebiT  
\\Sezrdil ia Subl is kunTTan  
\\Sezrdil ia kefis kunTTan  
\\mtkiced aris dakavSirebul i Zval Tan

\\rogoria qal asarqvel is kanqveSa qsovil Si ganviTarebul i sisxl Caqcevis  
an Cirqovani keris gavrcel ebis fargl ebi:  
\\Cveul ebriv SemosazRvrul ia  
\\gavrcel ebul ia mTel s qal asarqvel ze  
\\gavrcel ebul ia erTi Zvl is fargl ebSi  
\\Cveul ebriv vrcel deba Tval budis midamoSi

\\rogor moisazRvrebav dvril isebri midamo winidan da uknidan:  
\\dvril isebri morCis Sesabamisi kideebiT  
\\yvrimal is morCiT da qedis zeda xaziT  
\\kefis gareTa SemaRI ebiT da qedis qveda xaziT  
\\gareTa sasmeni xvrel is kideebiT

\\Camotval eT magari garsis venuri sinusebidan sisxl is denis SeCerebis  
wesebi:  
\\sinusis gakerva, tamponada, gadaskvna  
\\sinusis amokveTa dasawyisSi da tamponada  
\\sinusis amokveTa Sua nawil Si da Semdeg gadaskvna  
\\sinusis gakveTa mTel sigrZeze da tamponada

\\Tavze operaciebis dros saerto qirurgiul xel sawyoebTan erTad  
saWiroa special uri daniSnul ebis xel sawyoebi. miuTiteT es xel sawyoebi:

\\saamputacio danebi, bl agvi kavebi, skal pel ebi, xerxebi  
\\koxeris, peanis, bil roTis momWerebi  
\\xel is trepani frezebiT, mavTul isebri xerxebi gamtarebTan erTad,  
neiroqirurgiul i makratl ebi, kl ifsebi  
\\special uri daniSnul ebis xel sawyoebi saWiro ar aris

\\lqal asarqvel ze operaciebis dros gamoWril i kan-aponevrozul i nafl eTis  
fuZe miqceul ia:

\\win

\\lukan

\\zeviT

\\qveviT

\\Tavis tvinis magari garsis venuri sinusis defeqti SeiZl eba daixuros:

\\TafI is sanTI is pastiT

\\Subl is midamodan aRebul i kanis avtotranspl antatiT

\\magari garsis gareTa furcl idan gamoWril i fexiani nafl eTiT

\\fibrinis apkiT

\\Irogor unda gaiparsos Tmebi Tavis Wril obis pirvel adi qirurgiul i  
damuSavebis dros?

\\periferiidan Wril obisaken

\\Wril obidan periferiisaken

\\gaparsva aucil ebel i ar aris

\\gaparsaven lsm fargl ebSi

\\Ira ganapirobebs Wril obis kideebis ekonomiurad amokveTis aucil ebl obas  
Tavis Wril obis pirvel adi qirurgiul i damuSavebis dros?

\\kanisa da myesovani abj ris mcire el astiuroba

\\kanqveSa qsovil Si sisxl ZarRvebis uxvi qsel is arseboba

\\sisxl ZarRvebs Soris anastomezebis arseboba

\\kanis Tmovani safarvel is dazogvis aucil ebl oba

\\I tvinis Wril obis penicil is xsnariT gamorecxva dauSvebel ia, radganac  
man SeiZl eba gamoiwvios:

\\gul is gaCereba

\\avadmyofis agzneba

\\metyvel ebis moSI a

\\epil efsiuri gul yra

\\lqal as trepanacia warmoadgens:

\\Tavis rbil qsovil ebTan operaciul midgomas

\\Tavis tvinTan da mis garsebTan operaciul midgomas maTze operaciul i  
Carevis mizniT

\\lqal asarqvel is sisxl ZarRvovan-nervul konebTan operaciul midgomas

\\lqal asarqvel is skal pirebul i Wril obis qirurgiul damuSavebas

\\Irogor keTdeba qal as Zval -pl astiuri trepanacia ol ivekronas wesiT?

\\kan-aponevrozisa da Zval -Zvl isazrdel as nafl eTebis cal -cal ke gamoWriT

\\kan-aponevrozisa da Zvl is Semcvel i erTiani nafl eTis SeqmniT

\\kan-aponevrozis nafI eTi gamoiWreba cal ke, Zvl ovan firfitas amoaci ian  
da Wril obas daxuraven mxol od kan-aponevrozis nafI eTiT  
\\nafI eTi ar gamoiWreba, rbiI i qsoviI ebi ikveTeba gaswvri vad, xol o Zval i  
amoixerxeba irgvl iv mTI ianad

\\lqal as Zval -pl astikuri trepanaciis dros ramdeni sm-is fargI ebSi  
aaSreveben Zvl isazrdel as Zvl idan:

\\1sm  
\\2sm  
\\2,5sm  
\\3sm

\\lqal as trepanaciis dros wiTel i feris fvxniI is gamoCena mi uTiTebS:

\\iburReba dipl oe  
\\iburReba Zvl is gareTa firfita  
\\iburReba Zvl is SigniTa firfita  
\\iburReba qal as fuZe

\\lrogori operaciaa qal as dekompresiul i trepanacia?

\\radikal uri  
\\pal iatiuri  
\\diagnostikuri  
[\\ormomentiani](#)

\\lsaxeze operaciebis dros kanis ganakveTebis mimarTul eba unda  
emTxveodes:

\\kanis bunebrivi naoWebis mimarTul ebas  
\\saReWi kunTis kideebis mimarTul ebas  
\\lyvrimal is rkal is mimarTul ebas  
\\saxis arteriis proeqcias

\\lSubl -Txem-kefis midamos kanqveSa qsoviI Si di di raodenobiTaa:

\\l orwovani jirkvl ebi  
\\lserozul i, cximis, ofI is jirkvl vebi  
\\mkvri vboWkovani xarixebi da konebi  
\\myesovani simebi

\\lra gaivl is dipl oes arxebSi:

\\lvenuri sinusebi  
\\ldipl oes venebi  
\\lvenul ebi da arteriol ebi  
\\larteriul -venuri Suntebi

\\lTxemis gamosaSvebi vena erTmaneTTan akavSi rebs:

\\l safeTql is zedapirul venasa da zeda sagital ur sinuss  
\\lyuris ukana venas da zeda sagital ur sinuss  
\\l safeTql is zedapirul venas da qveda sagital ur sinuss  
\\lyuris ukana venas da qveda sagital ur sinuss



\\lyuris niJaris ukan, kanqveSa qsoviI Si, gaiVI is:  
\\lyuris ukana arteria  
\\lyuris gareTa arteria  
\\lyuris wina arteria  
\\lyuris SigniTa arteria

\\Sua meningeal uri arteria gamoeyofa:  
\\xerxemi is arterias  
\\I aviwqveSa arterias  
\\saxis arterias  
\\zedaybis arterias

\\rogoria kavSiri magar garssa da ZVI ebs Soris qal asarqvel is areSi da qal as fuZeze:  
\\lorive adgil ze sustia  
\\lorive adgil ze mtkicea  
\\qal asarqvel ze mtkicea, qal as fuZeze – susti  
\\qal asarqvel ze sustia, qal as fuZeze – mtkice

\\naTxemis hemisferoebS Soris mdebareobS:  
\\naTxemis namgal i  
\\didi tvinis namgal i  
\\kexis SuasaZgidi  
\\naTxemis karavi

\\magar garss anervebS:  
\\saxis da ena-xaxis nervebi  
\\samwvera da cTomil i nervebi  
\\damatebiTi da ganmzidvel i nervebi  
\\WaRisebri da Tval is mamozravebel i nervebi

\\qveda sagital uri sinusi ukana bol oTi uerTdeba:  
\\zedasagital ur sinuss  
\\ganiv sinuss  
\\sigmoidur sinuss  
\\swor sinuss

\\subdurul i sivrce mdebareobS:  
\\magar garssa da qal as ZVI ebs Soris  
\\safeTqi isa da Subl is ZVI ebs Soris  
\\magar garssa da qsel isebr garss Soris  
\\kefis Zval sa da magar garss Soris

\\Tavis tvinis venebSi arCeven:  
\\pariesul da visceral venebS  
\\zedapirul da Rrma venebS  
\\gareTa da SigniTa venebS  
\\zedada qveda sarTul is venebS

\\kronl einis sqemis mixedviT Sua meningeal uri arteriis ukana toti  
gaivl is:

\\zeda horizontal uri da ukana vertikal uri xazebis gadakveTis wertil Si

\\wina vertikal uri da sagital uri xazebis gadakveTis wertil Si

\\Sua vertikal uri da sagital uri xazebis gadakveTis wertil Si

\\ukana vertikal uri da qveda horizontal uri xazebis gadakveTis wertil Si

\\saxis gverdiTi midamo moisazRvreba ukni dan:

\\qveda ybis totiT

\\saReWi kunTis ukana kidiT

\\mkerd-l aviw-dvriil isebri kunTis dasawyisiT

\\gareTa sasmeni xvrel iT da dvriil isebri morÇis wina kidiT

\\qvedaybis ukana foso SemosazRvrul ia, wini dan:

\\qvedaybis totis wina kidiT da l ateral uri frTisebri kunTiT

\\qvedaybis totis wina kidiT da medial uri frTisebri kunTiT

\\qvedaybis totis ukana kidiT, l ateral uri frTisebri kunTiT da saReWi  
kunTiT

\\saReWi kunTiT, qvedaybis totis ukana kidiT da medial uri frTisebri  
kunTiT

\\yba-yuris j irkvl isTvis kafsul s qmnis:

\\kanqveSa fascia

\\viscerul i fascia

\\yba-yuris fascia

\\piris karibWis l orwovani garsi

\\yba-yuris j irkvl is sisqeSi gaivl is:

\\SigniTa sauRI e vena, cTomil i nervi, damatebiTi nervi

\\gareTa saZil e arteria, qvedaybis ukana vena, saxisa da yur-safeTql is  
nervebi

\\gareTa saZil e arteria, cTomil i nervi da saxis nervi

\\SigniTa saZil e arteria, qvedaybis ukana vena, saxis nervi

\\yur-safeTql is nervi gamoeyofa:

\\qveda ybis nervs

\\zeda ybis nervs

\\saxis nervs

\\Tval budis qveda nervs

\\I oyis kunTis gareTa zedapirze gaivl is:

\\zedaybis arteria, vena, nervi

\\saReWi arteria, vena da nervi

\\safeTql is Rrma arteriebi da venebi

\\I oyis arteria, vena da nervi

\\romel i arteria Sedis saxis Rrma midamoSi:

\\xaxis aswrivi arteria

- \\lenis arteria
- \\zedaybis arteria
- \\xerxemi arteria

\\\\saxi Wril obis pirveli qirurgiuli damuSavebis dros kanis gakervisas nemss ucxvl eten Wril obis kididan:

- \\2 sm daSorebiT
- \\5-7 mm daSorebiT
- \\3-4 mm daSorebiT
- \\1-1,5 mm daSorebiT

\\\\ rogori Seizl eba iyos qirurgiuli operacia:

- \\ mxol od sisxl iani
- \\ mxol od usisxl o
- \\ sisxl iani da usisxl o
- \\ mxol od radikal uri

\\\\ ras niSnavs termini stomia:

- \\ xvrel mil is an SerTul is Seqmnas
- \\ organos amokveTas
- \\ organosTan midgomas
- \\ organos gakervas

\\\\ rogor iqmneba cal keul i operaciis saxel wodeba:

- \\ organos saxel wodebis SeerTebiT qirurgiuli Carevis saxel wodebasTan
- \\ organos saxel wodebis SeerTebiT saoperacio aris dasaxel ebasTan
- \\ midamos dasaxel ebis SeerTebiT qirurgiuli Carevis saxel wodebasTan
- \\ qirurgiuli Carevis saxel wodebis aRniSvniT

\\\\ adgil obrivi anesTeziis dros saanesTezi o nivTier eba moqmedebs:

- \\ mxol od nervebze
- \\ mxol od nervebis dabol oebebze
- \\ nervebsa da maT dabol oebebze erTad
- \\ Tavis tvinis qerqze

\\\\ CamoTval eT qsovil Ta gasakveTi xel sawyoebi:

- \\ danebi, makratl ebi, xerxebi
- \\ danebi, satexebi da pincetebi
- \\ xerxebi, pincetebi da makratl ebi

\\ makratl ebi, xerxebi da sisxl ZarRvis momWerebi

\\ \\ CamoTval eT pincetebis saxeebi:

\\ anatomiuri, qirurgiul i, TaTisebri

\\ qirurgiul i, ginekologiuri, urol ogiuri

\\ TaTisebri, kavisebri, furcl ovani

\\ koxeris, kuperis, rixteris

\\ \\ rogor kveTen rbil qsovil ebs:

\\ Sreobrivad

\\ gaswvrivad

\\ ganivad

\\ irivad

\\ \\ romel i sisxl ZarRvebidan sisxl is denisas SeiZl eba gamoyenebul i iqnes  
sisxl ZarRvis mogrexva sisxl denis SeCerebis mizniT:

\\ msxvil i kal ibris arteriebidan

\\ msxvil i kal ibris venebidan

\\ saSual o kal ibris arteriebidan

\\ wril i sisxl ZarRvebidan (upiratesad venebidan)

\\ \\ sisxl ZarRvis gadaskvnis Semdeg ra garTul ebaa mosal odnel i

I igaturis saimedobis Tval sazrisiT:

\\ I igaturis dacureba

\\ kunTis dazianeba

\\ nervul i Reros dazianeba

\\ myesis dazianeba

\\ \\ rogoria nemsSi gayril i Zafis bol oebis sigrZeTa Sefardeba erTmaneTTan:

\\ Zafis sigrZis  $\frac{4}{5}$  moTavsebul ia nemsis erT mxareze,  $\frac{1}{5}$  \_ meore mxareze

\\ Zafis sigrZis  $\frac{3}{5}$  moTavsebul ia nemsis erT mxareze,  $\frac{2}{5}$  \_ meore mxareze

\\ Zafis sigrZis naxevari moTavsebul ia nemsis erT mxareze, naxevari  
meore mxareze

\\ Zafis sigrZis  $\frac{1}{3}$  moTavsebul ia nemsis erT mxareze,  $\frac{2}{3}$  \_ meore mxareze

\\ \\ rodissaa mosaxerxebel i danis xel Si daWera sawerkal mis poziciaSi:

\\ natifi manipulasiis dros

\\ amputaciis dros

\\ uxeSi qsovil ebis gasakveTad

\\ zedapirul i ganakveTis gasatarebl ad

\\ \\ rodiss iyeneben uwyvet nakers:

\\ kuWze da nawl avebze operaciebisas

\\ aponevrozis gasakerad

\\ kanis gasakerad

\\ kunTebis gasakerad

\\ \\ ra ZiriTadi moTxovnebi unda Sesrul des Wril obis pirvel adi  
qirurgiul i damuSavebis dros:

\\ usicocxl o qsovil ebis amokveTa da j i beebis gaxsna

\\ ucxo sxoul ebis amocl a

\\ sisxl is denis SeCereba  
\\ yvel a zemoT CamoTvl il i

\\ \\ CamoTval eT kanis fexiani nafI eTis gadanergvis wesebi:  
\\ induri, ital iuri da fil atovis  
\\ \\ ital iuri, frangul i da Cinuri  
\\ \\ fil atovis, tibeturi da induri  
\\ \\ j anel iZis, ital iuri da Cinuri

\\ \\ \\ rogoria nafI eTis sigrZisa da misi mkvebavi fexis siganis  
urTierTsefardeba ital iuri wesiT kanis pl astikis dros:  
\\ \\ nafI eTis sigrZe tol ia mkvebavi fexis siganisa  
\\ \\ nafI eTis mkvebavi fexis sigane metia nafI eTis sigrZeze  
\\ \\ nafI eTis sigrZe mkvebavi fexis siganes 2-j er aRemateba  
\\ \\ nafI eTis sigrZe mkvebavi fexis siganes 3-j er aRemateba

\\ \\ \\ rogoria j anel iZis wesiT kanis pl astikis dros transpl antatis sigrZe:  
\\ \\ transpl antatis sigrZe defeqtis sigrZis tol ia  
\\ \\ transpl antatis sigrZe defeqtis sigrZeze metia  
\\ \\ transpl antatis sigrZe defeqtis sigrZeze nakl ebia  
\\ \\ transpl antatis zomebs mniSvnel oba ara aqvs

\\ \\ \\ kervis dros Trombis warmoqmnis acil ebis mizniT rogor ukavSireben  
erTmaneTs sisxl ZarRvis bol oebS:  
\\ \\ sisxl ZarRvis bol oebi erTmaneTs exeba intimiT  
\\ \\ bol oebi erTmaneTs exeba adventiciiT  
\\ \\ central ur da periferiul bol oebS unda moSordes intima  
\\ \\ sisxl ZarRvis bol oebS waacI ian adventicias 2 sm-is fargl ebSi

\\ \\ \\ ramdeni etapi gamoiyofa sisxl ian operaciaSi:  
\\ \\ mxol od erTi etapi  
\\ \\ ori etapi  
\\ \\ sami etapi  
\\ \\ mraVal i etapi (samze meti)

\\ \\ \\ ras niSnavs termini ectomia an extirpation:  
\\ \\ \\ organos gakveTas  
\\ \\ \\ organos gakervas  
\\ \\ \\ organos nawil obriv amokveTas  
\\ \\ \\ organos mTI ianad amokveTas

\\ \\ \\ mizandasaxul obis mixedviT arCeven Semdeg operaciebs:  
\\ \\ \\ samkurnal o da sadiagnozo  
\\ \\ \\ ganmeorebiTi  
\\ \\ \\ saswrafo  
\\ \\ \\ mraVal momentiani

\\ \\ \\ regionul i anesTeziis dros sad SehyavT saanesTezio nivTierebis xsnari:  
\\ \\ \\ uSual od nervis ReroSi operaciul i Carevis midamos distal urad  
\\ \\ \\ nervis irgvl iv arsebul SemaerTebel qsovil Si operaciul i Carevis  
midamos proqsimal urad  
\\ \\ \\ uSual od nervis ReroSi operaciul i Carevis adgil ze

\\ operaciul i Carevis adgil is irglv iv mderbare qsovil ebSi

\\ \\ ZiriTadi qirurgiul i xel sawyoebidan miuTiTeT romel ia qsovil Ta gasakeri xel sawyoebi:

\\ \\ nemsebi, momWerebi, miSel is brWyal ebi

\\ nemsdamWerebi, nemsebi, miSel is brWyal ebi

\\ \\ miSel is brWyal ebi, deSanis nems, bl el okis sisxl ZaRvovani kl ema

\\ \\ yvel a zemoTCamoTvl il i

\\ \\ \\ CamoTval eT makratl is saxeebi:

\\ \\ gverdze moxril i (rixteris)

\\ \\ maxvil wveriani

\\ \\ pirdapir moxril i (kuperis)

\\ \\ yvel a zemoT CamoTvl il i

\\ \\ \\ rogor unda gaikveTos fascia:

\\ \\ Rarian zondze

\\ \\ pincetze

\\ \\ bl agv kavze

\\ \\ korncangze

\\ \\ \\ kunTis ganivad gakveTisas mis orive bol os rogori provizorul i nakeri edeba:

\\ \\ mul tanovskis

\\ \\ uwyveti

\\ \\ qisiseburi

\\ \\ rusul i pe-sebri

\\ \\ \\ ras ewodeba l igatura:

\\ \\ Zafs, roml iTac keraven sisxl ZarRvs

\\ \\ Zafs, roml iTac keraven nervs an myess

\\ \\ Zafs, roml iTac skvnian sisxl ZarRvs

\\ \\ Zafis nawil s, romel ic qsovil Ta siRrmeSia darCeni l i

\\ \\ \\ msxvil i sisxl ZarRvis gadaskvnisas l igaturis dacurebisa da movardnis acil ebis mizniT ramden l igaturas iyeneben da rogor aris dadebul i isini sisxl ZarRvze:

\\ \\ sam l igaturas: pirvel i \_ central uri, meore \_ SuaSi, mesame \_ periferiul i

\\ \\ oTx l igaturas: ori central uri, ori periferiul i

\\ \\ or l igaturas: central uri \_ gamkeri l igatura, periferiul i \_ aseve gamkeri l igatura

\\ \\ or l igaturas: central uri \_ Cveul ebrivi, periferiul i \_ gamkeri

\\ \\ \\ CamoTval eT sisxl ZarRvis xel iT gakervis wesebi:

\\ \\ karel is, j anel iZis, doneckis

\\ \\ morozovas, karel is, horsl eis

\\ \\ horsl eis, al bertis, Smidenis

\\ \\ mul tanovskis, Jiraris, farabefis

\\ \\ \\ romel i ZafiT ikereba qsovil ebi, roca saWi roa sakeravi masal is Sewova:

\\ abreSumi s  
\\ kaproni s  
\\ ketgutis  
\\ qal is Tmi T

\\ \\ uwyveti nakeris saxeebi:  
\\ uwyveti (Cveul ebrivi), mul tanovskis, I eibisebri  
\\ kvanZovani, pes-magvari, zetisis magvari  
\\ qisisebri, I eibismagvari, kvanZovani  
\\ mul tanovskis, kvanZovani, pesmagvari

\\ \\ miuTiTeT skal pel is xel Si daWeris wesebi:  
\\ sufris danis, xerxisebri da Subisebri  
\\ sawerkal mis, xemis da isrisebri  
\\ sufris danis, sawerkal mis da xemis  
\\ xemis, isrisebri da xerxisebri

\\ \\ romel i xel sawyoTi aecl eba Zval s Zvl issazrdel a:  
\\ raspatori T  
\\ Zvl is satexi T  
\\ skal pel iT  
\\ saamputacio dani T

\\ \\ ratom ar ikereba omis dros cecxl nasrol i Wriil oba pirvel adi  
qirurgiul i damuSavebis Semdeg da ratom:  
\\ Zl ieri travmis gamo  
\\ Sokis gamo  
\\ anaerobul i infeqciis safrTxis gamo  
\\ kol afsis gamo

\\ \\ CamoTval eT kanis Txel i nafli eTis gadanergvis wesebi:  
\\ pej etisa da j anel iZis  
\\ reverdenis da TirSis  
\\ iacenkos da devisis  
\\ dugl asis da parinis

\\ \\ vis mier aris SemoRebul i saSual o sisqis kanis mcire nafli eTebis  
gadanergva:  
\\ ianoviC-Cainskis, devisis da pej etis  
\\ TirSis, reverdenis da j anel iZis  
\\ j anel iZis, parinis da dugl asis  
\\ muxaZis, krauzes da devisis

\\ \\ ras niSnavs operaciul i midgoma:  
\\ qsovil ebis gakveTi T Carevis obieqtis gamoCenas  
\\ saoperacio areSi kanisa da kanqveSa qsovil is gakveTas  
\\ daavadebul i organos gamoyofas da amokveTas  
\\ avadmyofis mdebareobas saoperacio magi daze

- \\ \\ ras ni Snavs termini resectio:
- \\ \\ organos amokveTas mTI i anad
- \\ \\ organos gakveTas
- \\ \\ organos gakervas
- \\ \\ organos nawil is amokveTas

- \\ \\ \\ qirurgiul i Carevis vadebis mixedviT arCeven:
- \\ \\ \\ gadaudebel i, saswrafo da gegmiuri
- \\ \\ \\ saswrafo, adreul i da nagvi anevi
- \\ \\ \\ gegmiuri, pirvel adi da meoradi
- \\ \\ \\ gadaudebel i, ganmeorebiTi da nagvi anevi

- \\ \\ \\ rodisaa ukunaCvenebi spinuri anesTezia:
- \\ \\ \\ osteomiel itis dros
- \\ \\ \\ kiduris gangrenis dros
- \\ \\ \\ pankreatitis dros
- \\ \\ \\ travmul i Sokos dros

- \\ \\ \\ skal pel is xel Si da Weris wesebia:
- \\ \\ \\ sawer kal mis, samarTebi is, sufris danis
- \\ \\ \\ sufris danis, sawer kal mis, maxvil is
- \\ \\ \\ xemis, sawer kal mis, sufris danis
- \\ \\ \\ xemis, Subis, sufris danis

- \\ \\ \\ operaciis dros, Cveul ebriv, ra mimarTul ebiT kveTen qsovil ebs:
- \\ \\ \\ marcxnidan marj vniv
- \\ \\ \\ marj vnidan zemoT
- \\ \\ \\ marj vnidan qvemoT
- \\ \\ \\ marcxnidan iribad da zemoT

- \\ \\ \\ Rarian zondze fasciis gakveTisas romel mxares aris mimarTul i skal pel is piri:
- \\ \\ \\ zemoT
- \\ \\ \\ qvemoT
- \\ \\ \\ gverdze
- \\ \\ \\ kunTebisaken

- \\ \\ \\ ra mi zniT edeba ganivad gadakveTil i kunTis bol os pesebri provizorul i nakeri:
- \\ \\ \\ kunTis gadakveTil i bol oebis advil ad monaxvis mi zniT
- \\ \\ \\ nazi nawiburis Camoyal ibeis mi zniT
- \\ \\ \\ nervis dazogvis mi zniT
- \\ \\ \\ arteriis dazogvis mi zniT

- \\ \\ \\ I igaturis dadebisas rodis keTdeba pirvel i Caskvna:
- \\ \\ \\ momWeris moxsnamde
- \\ \\ \\ momWeris gaxsnisas
- \\ \\ \\ momWeris moxsnis Semdeg
- \\ \\ \\ momWerit sisxl ZarRvis garemomcvel i qsovil ebis aRebis Semdeg



\\ \\ Tu dazianebul sisxl ZarRvze l igaturis dadeba gaZnel ebul ia, anda misi gamocal keveba ar aris sasurvel i, rogor xorciel deba hemostazi::  
\\ \\ sisxl ZarRvs datoveben gadaskvnis gareSe  
\\ \\ sisxl is denis keras daadeben koxeris momWers  
\\ \\ sisxl is denis keras SemouWeren marl is naxvevs  
\\ \\ sisxl is denis keris irgvl iv amokeraven qsovil ebs da adeben qisisebr nakers

\\ \\ \\ sisxl is denis SemaCerebel i iaraRebia:  
\\ \\ koxeris, spasokukockis da CaCavas momWerebi  
\\ \\ bil roTis, peanis da koxeris momWerebi  
\\ \\ peanis, sapeJkos da fifias momWerebi  
\\ \\ bil roTis, peanis da pirogovis momWerebi

\\ \\ \\ rogor aris dafiqsirebul i nemsdamWeriT nemi:  
\\ \\ nemsdamWeris bol oTi  
\\ \\ nemsdamWeris SuaSi  
\\ \\ uSual od xraxnTan  
\\ \\ xraxnis maxl obl ad

\\ \\ \\ Wriil obis kididan ramdeni sm-is daSorebiT uCxvl eten nemss kanis gakervisas:  
\\ \\ 1,0 – 1,5 sm  
\\ \\ 1,5 \_ 2,0 sm  
\\ \\ 2,0 \_ 2,5 sm  
\\ \\ 2,5 \_ 3,0 sm

\\ \\ \\ rodissaa mosaxerxebel i danis xel Si daWera xemis poziciaSi:  
\\ \\ preparaciis dros  
\\ \\ kanis gakveTisas  
\\ \\ xrtil is gakveTisas  
\\ \\ Tanabari siRrmis zedapirul i ganakveTisas

\\ \\ \\ romel i nakeri gamoiyeneba kanis gasakerad:  
\\ \\ uwyveti  
\\ \\ kvanZovani  
\\ \\ mul tanovskis  
\\ \\ qisisebri

\\ \\ \\ miuTiTeT kvanZebis saxeebi:  
\\ \\ qirurgiul i, sazRvao da sanaosno  
\\ \\ ubral o (qal uri), qirurgiul i da sazRvao  
\\ \\ sazRvao, ubral o da stomatol ogiuri  
\\ \\ qirurgiul i, sazRvao da ginekol ogiuri

\\ \\ \\ CamoTval eT kanis pl astikis saxeebi:  
\\ \\ adgil obrivi qsovil ebiT, fexiani nafl eTiT da Tavisufal i pl astika  
\\ \\ fexiani nafl eTis gadanergva, Tavisufal i da maryujisebri  
\\ \\ Tavisufal i, rkal ovani daaraTavisufal i  
\\ \\ adgil obrivi qsovil ebiT, fexiani nafl eTiT da el ifsuris

\\ \\ fil atovis wesiT kanis pl astikis SemTxvevaSi ramdeni mkvebavi flexi aqvs  
kanis nafl eTs:

\\ \\ erTi

\\ \\ ori

\\ \\ sami

\\ \\ oTxi

\\ \\ \\ rogor gadaaqvT yl ortisebri nafl eTi Soreul midamoSi:

\\ \\ navarj iSeb fexs gadakveTen da Caakereben nebis zurgze

\\ \\ navarj iSeb fexs gadakveTen da Caakereben fexis terfze

\\ \\ navarj iSeb fexs gadakveTen da Caakereben mucl is wina kedel ze

\\ \\ navarj iSeb fexs gadakveTen da Caakereben zurgis midamoSi

\\ \\ \\ rogoria kanis saSual o sisqis nafl eTis pl astikisas kanis sisqe:

\\ \\ 0,1-0,2 mm

\\ \\ 0,2-0,3 mm

\\ \\ 0,3-0,4 mm

\\ \\ 0,4-0,6 mm

\\ \\ \\ ras niSnavs termini tomia:

\\ \\ xvrel mil is Seqmnas

\\ \\ organos gakveTas

\\ \\ organos amokveTas

\\ \\ organos gakervas

\\ \\ \\ ras niSnavs termini amputatio:

\\ \\ organos gakveTas

\\ \\ organos gakervas

\\ \\ organos mTI ianad amokveTas

\\ \\ kiduris an romel ime organos periferiul i nawil is mokveTa

\\ \\ \\ gautkivarebis miTiTebul i saxeebidan romel i ekuTvnis adgil obrivs:

\\ \\ intramuskul arul i narkozi da intravenuri

\\ \\ venuri narkozi da inhal aciuri

\\ \\ reqtal uri narkozi da inhal aciuri

\\ \\ infil traciul i da regional uri anesTezia

\\ \\ \\ ramden j gufad iyofa ZiriTadi qirurgiul i xel sawyoebi:

\\ \\ 2 j gufad

\\ \\ 3 j gufad

\\ \\ 4 j gufad

\\ \\ 5 j gufad

\\ \\ \\ CamoTval eT nemsdamWeris model ebi:

\\ \\ maties, hegaris da troianovis

\\ \\ hegaris, bil roTis, maties

\\ \\ troianovis, hegaris, CaCavas

\\ \\ anTel avas, CaCavas, hegaris

\\ \\ \\ CamoTvl il i xel sawyoebidan romel i xel sawyoTi kveTen rbil qsovil ebs:

\\ skal pel i, el eqtrodana, ul trabgera, l azeris sxivi  
\\ j il is xerxi, furcl ovani xerxi  
\\ raspatori, l ueris maSa, traqestomul i mil i  
\\ maxvil i da furcl ovani kavebi, koxeris zondi

\\ \\ romel i nemsiT sargebl oben sisxl ZarRvis gasakerad:  
\\ deSanis nemsiT  
\\ samwaxnagiani mWrel i nemsiT  
\\ reverdenis nemsiT  
\\ atravmul i nemsiT

\\ \\ parenqimul orgamoebze operaciul i Carevis dros sisxl is denis  
SeCerebis mizniT romel i danis gamoyenebaa mizanSewoni l i:  
\\ maxvil wveriani skal pel i  
\\ mucl iani skal pel i  
\\ sarezeqcio dana  
\\ el eqtrodana

\\ \\ l igaturis dadebisas rodis keTdeba meore Caskvna:  
\\ momWeris moxsnis Semdeg  
\\ momWeris moxsnamde  
\\ momWeris wveris zemoT awevis Semdeg  
\\ momWeris wveris qvemoT dawevs Semdeg

\\ \\ sisxl is denis SeCerebis mizniT rodis SeiZl eba iqnas gamoyenebul i  
tamponi:  
\\ rodesac dazianebul ia wril i venebi  
\\ rodesac dazianebul ia msxvil i kal ibris arteriebi  
\\ rodesac dazianebul ia msxvil i kal ibris venebi  
\\ rodesac sisxl ZarRvis gadaskvna teqnukurad ar xerxdeba

\\ \\ CamoTvl il Tagan miuTiteT sisxl is denis SeCerebis biol ogiuri  
saSual ebebi:  
\\ badeqoni, kunTi  
\\ Tma da Zvl isazrdel a  
\\ bavSvis nerwyvi, kanis Txel i nafl eTi  
\\ adamianis creml i

\\ \\ CamoTval eT sisxl ZarRvis xel iT gakervis wesebi:  
\\ karel is, morozovas, horsl eis  
\\ morozovas, vaxtangovis, CubiniZis  
\\ horsl eis, qunTel ias, yifianis  
\\ CubiniZis, qunTel ias, yifianis

\\ \\ rogori nakeriT miakereben erTmaneTs sisxl ZarRvis bol oebs  
sapoJnikovis wesis SemTxvevaSi:  
\\ xarazul i  
\\ l eibisebri  
\\ uwyveti amoxveul i  
\\ Smidenis

\\ \\ sisxl is denis SemaCerebel i iaraRebia:  
\\ \\ koxeris, spasokukockis da CaCavas  
\\ \\ bil roTis, peanis da koxeris  
\\ \\ peanis, sapeJkos da fifias  
\\ \\ bil roTis, peanis da pirogovis

\\ \\ \\ kervis dros romel momWerSia dafiqsirebul i nemsis:  
\\ \\ nemsdamWerSi  
\\ \\ peanis momWerSi  
\\ \\ koxeris momWerSi  
\\ \\ bil roTis momWerSi

\\ \\ \\ rodissaa mosaxerxebel i danis xel Si daWera sufris danis poziciaSi:  
\\ \\ natifi manipul aciebis zustad Sesarul ebisaTvis  
\\ \\ sisxl is ZarRvebis gamoyofisas  
\\ \\ uxeSi qsovil ebis gasakveTad  
\\ \\ zedapirul i ganakveTis gasatarebl ad

\\ \\ \\ Cveul ebriv, romel dRes xsnian kanis nakers:  
\\ \\ operaciidan mesame dRes  
\\ \\ operaciidan meore dRes  
\\ \\ operaciidan merve dRes  
\\ \\ operaciidan meTxuTmete dRes

\\ \\ \\ vis mieraas SemuSavebul i kanis fexiani nafl eTis gadanergvis ital iuri wesi:  
\\ \\ tal iakocis  
\\ \\ fil atovis  
\\ \\ janel izis  
\\ \\ I imbergis

\\ \\ \\ kanis Tavisufal i plastikis dros transplantatis aRebamde rogor daamuSaveben kans:  
\\ \\ kans mobanen wyl iT da daamuSaveben iodiT  
\\ \\ kans mobanen wyl iTa da sapniT da daamuSaveben hipertonusul i xsnariT  
\\ \\ kans mobanen wyl iTa da sapniT da daamuSaveben rivanolis xsnariT  
\\ \\ kans mobanen wyl iTa da sapniT da daamuSaveben spirtiT

