Afaku d tnejjart n uɣellay n tiṭ

R-Evo Smart® S

Fakumulsifikasyun d fitriktumi n zdat.

R-Evo Smart S d takunsult tameẓyant BVI Medical / Optikon i fakoemulsifikasyon d twuriwin n uḥric n zdat iɣef llan yisemliyen. Lqem-a yemgarad s twila-ines: snat n tpumpin peristaltik / Venturi. Anermis anallay d tpiḍalt s wahil sdukkulen iseɣtayen n ugzay. Taferkit tatiknikant n umeskar 111010 teskan iseylayen, ultrasons, vitrektumi n zdat d tegnatin n usbeddi iman-nsen. Imallalen, iferdisen n useqdec d ukaru ilaq ad ttwasegzin deg tesɣunt ASEM.



R-Evo Smart® S · Tugna

Iɣbula d yisemliyen

Suter tasɣunt n ssuma

Wali afaris

Tettwahegga ass n 2026-11-09

> Taferkit-a n ufaris thegga-tt ASEM. Ur tettbeddil ara isemliyen unsiben n umeskar neɣ tinaḍin n useqdec.

Iferdisen igejdan

Aferdis n zdat

Fakumulsifikasyun d fitriktumi n zdat.

Iɣbula d yisemliyen · Aɣbalu yettwasentem ass n 2026-10-17

Sin n yizamulen n ussuḍeḍ

Tafrant gar tpumpi peristaltik d Venturi.

Iɣbula d yisemliyen · Aɣbalu yettwasentem ass n 2026-10-17

Fako s ultrasons

Aseffeɣ ameɣlal, s yinubag neɣ s ikellafen ɣer 40 kHz.

Iɣbula d yisemliyen · Aɣbalu yettwasentem ass n 2026-10-17

Suddes fakoemulsifikasyon

Anagraw ameẓyan yesdukkel agdil, inadiyen d umudul n ugzay i katarakt.

Iɣbula d yisemliyen · Aɣbalu yettwasentem ass n 2026-08-30

Suddes amkan

Tugna n yidis teskan asbeddi ameẓyan d unekcum ɣer tuqqniwin.

Iɣbula d yisemliyen · Aɣbalu yettwasentem ass n 2026-08-30

Sihleḍ tapiḍalt s wahil

Tapiḍalt iɣef yella yisemli teğğa inadiyen igejdan ɣer uḍar deg ugzay.

Iɣbula d yisemliyen · Aɣbalu yettwasentem ass n 2026-08-30

Abrid n ugzay

Tiwuriwin iwulmen i wahil n ugzay dduklen deg tinasant.

Aḥkam n yiselwan

Isefka yettwasuddesen i timellilin n ugzay.

Anermis n umsekyad

Taɣuri izegzayen n yiseggimen d yisallen n unagraw.

Tiwuriwin deg usnas

Fakoemulsifikasyon

Iɣbula d yisemliyen

Vitrektumi n zdat

Iɣbula d yisemliyen

Iseylayen usligen i lqem-a

R-Evo Smart S yesdukkel tapumpa peristaltik d tapumpa Venturi. Azzel peristaltik yettuseggem seg 1 ar 65 ml/min; asus yellan seg 5 ar 650 mmHg. Askar Venturi yeḥwaǧ aḍu yeẓẓan seg berra n 5 ar 8 bar. Afran n uskar n usus d yiseggimen n usali n usus ilmend n ugzay.

Iɣbula d yisemliyen

Aḥkam n ultrasons d fakoemulsifikasyon

Afus n useqdec apiyizuliktrik yexdem s usnagar n wazal n 40 kHz. Amussu n yixef yettuseggem s yisurifen n 5 µm alamma 100 µm. Imeḍqan i d-yettwabedren d aseffeɣ yetteddun, s yinṭafen neɣ burst, s uḥkam ur nettbeddil ara neɣ usrid s tpiḍalt. Minimal Stress d aḥkam n tnezmart n ultrasons i d-yeskan BVI; tugna n umeskar tessemgiz tarrayt-is, maççi d ttuɛud n ugmuḍ akliniki i yal amuḍin.

Iɣbula d yisemliyen

I wakken ad yishil ubrid n umahil

Inadiyen d twuriwin timernanin

Anermis n tewsit iseqdac agdil anallay n 15 n yidudan d tpiḍalt s wahil deg uskar aḥerfi neɣ usrid aḍran. Diyatermi bipular s yisemli d 2 MHz, s tnezmart tamagnut n 9 W ɣef 200 ohms. Aḥkam n twuriwin d yimallalen iwulmen ttwaḥedden s umassan d twila yettwafren; tabdart n tewsit ur tḍemmen ara akk iferdisen n useqdec dduklen.

Iɣbula d yisemliyen

Sin n yisekkiren n usuḍḍef

R-Evo Smart® S yettağğa ahil n usus d uzzal ilmend n uskar yettwafernen.

- Tipumpin peristaltik d Venturi.
- Asus: 5–650 mmHg.
- Azzel peristaltik: 1–65 ml/min.

Iɣbula d yisemliyen

Assew urmid neɣ s ujbad n tmurt

Assew urmid yettusenqad s umikruprusesur. Taferkit teskan daɣen assew s ujbad n tmurt, s usenqed n unadi n uḍar.

Iɣbula d yisemliyen

I useqdec n yal ass

Aṭas n yisekkiren n phaco

Aferdis n ufus piyizuiliktrik ixeddem ɣer 40 kHz, s useggem uqfil neɣ imzireg n tazmert s tpiḍalt.

- Asufeɣ izamlan, s yimpulsyen neɣ s yigrumen.
- Ineggafen n uḥbas Autolimit d HD Pulse.

Iɣbula d yisemliyen

Vitrektumi tamezwarut s usenqed

Avitrektum apnumatik yesɛa arured seg 60 ar 5,000 n yigezzumen/min. S tetiknuluji Twedge, azilal yettwabedren d seg 120 ar 10,000 n yigezzumen/min.

Arured Twedge yeqqen ɣer uvitrektum icudden; ur yessegza ara akk imerna.

- Asenqed uqfil neɣ imzireg s tpiḍalt.

Iɣbula d yisemliyen

Diyatirmi bipular tettuseggam

Ameslal bipular n 2 MHz yesɛa tazmert tanamalt n 9 W s uɛebbi n 200 ohms; aseggem yettazzal seg 5 % ar 100 %.

Iɣbula d yisemliyen

Iseggamen s uḍar

Tapiḍalt tesenqad assew, asuḍḍef, phaco d vitrektumi i yettwasegzan deg teferkit. Tizwertin n tazwara zemrent ad ttusehilent ilmend n twuri.

Iɣbula d yisemliyen



R-Evo Smart® S · Tugna

Iɣbula d yisemliyen



R-Evo Smart® S · Tugna

Iɣbula d yisemliyen



R-Evo Smart® S · Tugna

Iɣbula d yisemliyen

Vitrektumi n zdat: tassast d twila

Taferkit S teskan vitrektumi n zdat seg 60 ar 5000 n yigezzumen/tesdat s tassast giyutin tamagnut, neɣ seg 120 ar 10000 n yigezzumen/tesdat s tetiknuluji Twedge. Tilisa-a qqnent ɣer tessast yettwafren; ur ttemernunt ara. Lqem S maččі d tawila CR: ulac vitrektumi n deffir, aɣbalu n tafat daxel n tiṭ neɣ tawuri n retin n CR i yettwaznen ɣer-s.

Iɣbula d yisemliyen

Asbeddi d twila

Takunsult iman-is: tehri 43 cm, telqay 50 cm, teɣzi 35 cm; taẓayt taqribt 17 kg. S ukaru d tpiḍalt: 57 × 74 × 152 cm d wazal n 60 kg. Snat n twiliwin-a ur ilaq ara ad ttwasexleḍent. Trisiti: 100–240 V AC, 50/60 Hz, 200 VA. Tuqqna, asbeddi, iferdisen n useqdec d ukaru d afran ilaq ad ttwaseɣten akked ASEM. Ikaten imikanikiyen d iqerbanen ilmend n umeskar.

Iɣbula d yisemliyen

Isallen itiknikanen d yisemliyen

Ticreḍt
BVI Medical

Anaw
R-Evo Smart® S

Tatiknuluji
Fakoemulsifikasyon

Aseqdec akliniki
Agradd n katarakt d retin

Asnagar n phaco
40 kHz

Asnagar aqeṛban; mačči d leḍman n tɣara taklinikant yugaren.

Iɣbula d yisemliyen

Asus afellay
650 mmHg

Iɣbula d yisemliyen

Azzel afellay
65 ml/min

Askar peristaltik kan.

Iɣbula d yisemliyen

Arured n ugezzum n vitrektumi tamezwarut
5000 coupes/min

Tassast tamezwarut tamagnut; talast tafellayt TWEDGE d afran ur teddukel ara.

Iɣbula d yisemliyen

Tipumpin
Peristaltik · Venturi

Iɣbula d yisemliyen

Inadiyen

Tapiḍalt tettwasihlen s wahil

Iɣbula d yisemliyen

Asaɣ n trisiti

100–240 V AC ; 50–60 Hz

Iɣbula d yisemliyen

Tisekta

43 × 50 × 35 cm

Takunsult war akaru.

Iɣbula d yisemliyen

Taẓayt

17 kg

Takunsult iman-is; akaru d tpiḍalt ur dduklen ara.

Iɣbula d yisemliyen

Asnagar aqeṛban; maccči d leḍman n tɣara taklinikant yugaren.

Askar peristaltik kan.

Tassast tamezwarut tamagnut; talast tafellayt TWEDGE d afran ur teddukel ara.

Takunsult war akaru.

Takunsult iman-is; akaru d tpiḍalt ur dduklen ara.

Asider d yiɣbula

Isemliyen n umeskar

PDF · 233 kB

Iɣbula d yisemliyen

Isemliyen n umeskar

PDF · 6,115 kB

Iɣbula d yisemliyen

- https://www.bvimedical.com/wp-content/uploads/2021/11/BVI_R-EvoSmart-S_TDS_EN.pdf
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  Aɣbalu yettwasentem ass n 2026-10-18

Isteqsiyen-nwen ɣef R-Evo Smart® S

D acu Asnagar n phaco iɣef llan yisemliyen n R-Evo Smart® S?

40 kHz — Asnagar aqeṛban; mačči d leḍman n tɣara taklinikant yugaren.

Iɣbula d yisemliyen

D acu Asus afellay iɣef llan yisemliyen n R-Evo Smart® S?

650 mmHg

Iɣbula d yisemliyen

Anta tawila i ilaq ad sentmeɣ i R-Evo Smart® S?

Asnagar aqeṛban; mačči d leḍman n tɣara taklinikant yugaren.

Iɣbula d yisemliyen

Anda ara afeɣ isemliyen n R-Evo Smart® S?

Isemliyen n umeskar (PDF) — https://asem-medical.com/storage/catalogue-enrichment/bvi-gmv-20261006/smart-s-technical-original.pdf Isemliyen n umeskar (PDF) — https://asem-medical.com/storage/catalogue-enrichment/bvi-gmv-20261006/smart-family-original.pdf

Iɣbula d yisemliyen

Anwa anaw n usuḍḍef yellan deg R-Evo Smart® S?

Tipumpin peristaltik d Venturi.

Iɣbula d yisemliyen

Amek ara neɣer arured n vitrektumi?

Taferkit n lqem-a tefrez arured n 60–5,000 n yigezzumen/min d uzilal n 120–10,000 s Twedge. Aferdis n ufus d twila i yettwasutren ilaq ad mṣadan.

Iɣbula d yisemliyen

Assew s ujbad n tmurt yettwasegza daɣen?

Ih. Taferkit teskan assew urmid s umikruprusesur d ussew s ujbad n tmurt. Ayen yellan s tidet deg umkan ilaq ad yettwasentem deg uheggi n twila.

Iɣbula d yisemliyen

Ifarisen icudden



R-Evo Smart® CR

BVI Medical

Afaku d tnejjart n uɣellay n tiṭ

Fakumulsifikasyun d fitriktumi n zdat d deffir.

Wali afaris



R-Evo Smart® E

BVI Medical

Afaku d tnejjart n uɣellay n tiṭ

Fakumulsifikasyun d fitriktumi n zdat.

Wali afaris



R-Evolution CR

BVI Medical

Afaku d tnejjart n uɣellay n tiṭ

Fakumulsifikasyun d fitriktumi n zdat d deffir.

Wali afaris



R-Evolution

BVI Medical

Afaku d tnejjart n uɣellay n tiṭ

Tanagrawt n fakumulsifikasyun s twuriwin n ugzay yettuseggamen.

Wali afaris

Wali akatalug akliniki n ASEM

Wali taɣulin icudden deg ukatalug ASEM. Iseɣwan-a ur rennun ara isnasen imaynuten i yibenk-a.

Agzay n katarakt d retina

Ugar n yibenk, d amɛiwen i wakud ɣezzifen

Mmeslay ɣef usenfar-ik akked ASEM: afran n yibenkan, asbeddi, asileɣ d tallalt tatiknikant.



Tugna n umeẓlu

Asbeddi

Mmeslay ɣef yisuturen n usbeddi d twila akked terbaɛt-nneɣ tatiknikant.

Issin ugar



Tugna n umeẓlu

Asileɣ

Suter isallen ɣef usileɣ d ulmad n useqdec yellan i yibenk-ik.

Issin ugar



Tugna n umeẓlu

Ameẓlu deffir uznuzu

Nermes ASEM i tallalt tatiknikant d umɛiwen i yibenk-ik.

Issin ugar



Tugna n umeẓlu

Anṣaḥ n yimussnawen

Mmeslay-aɣ ɣef yisuturen-ik iklinikiyen i wakken ad nefren ibenkan iwulmen.

Issin ugar

Nermes amussnaw

Wali akk ifarisen

Asmel n umeskar

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