



The Finest Single-Use Products for Today's Ophthalmic Surgery



Hurricane Medical was established in 1999 to provide ready-to-use surgical products and superior customer service to ophthalmic healthcare professionals worldwide. Our knowledgeable, customer friendly, environment promotes a personal and professional partnership to meet your ophthalmic surgical needs. We have a commitment to provide the finest, cost-effective, ready-to-use products to simplify eye surgery with a rapid response to customer inquiries, order processing and delivery. We are confident that you will find our products to be of the highest quality and our service to be personal and professional.

The Complete Quality Assurance System

Hurricane Medical products are compliant with the highest standards of quality in the ophthalmic industry. Products must meet the precise requirements of thorough quality testing before acceptance. Hurricane Medical holds multiple registrations and quality system certifications to ensure regulatory compliance and CE marking of products.

Guarantee: Hurricane Medical unconditionally guarantees that all products will be free of manufacturing defects.

Product Packaging and Labeling

All products are packaged sterile and ready-to-use unless otherwise noted. Transparent packaging allows visual inspection to assure correct product is selected prior to opening. Products with delicate tips are protected to ensure quality and provide aseptic transfer.

The following internationally recognized symbols are used on Hurricane Medical labeling to communicate product information.

Product Number

Lot Number

Product Expiration (Year - Month - Day)

O DO NOT REUSE

Open/Peel Here

DO NOT USE IF PACKAGE DAMAGED

Sterilized Using Irradiation

QTY Package Quantity

DO NOT RESTERILIZE

// Product Insert

 ϵ

European Union CE mark and Notified Body ID Number

A Product is Non-Sterile

European Union Authorized Representative

Manufacturer

New Product Ideas

Hurricane Medical is committed to innovation. Please send your new product ideas to our Product Design Team. We guarantee a rapid professional response to individual customer requirements.

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Hub Color Code

Hurricane Medical hubs comply with ISO 6009 Color Coding and ISO 80369-7 luer taper lock connectors.

Color	Gauge	ID (in)	ID (mm)	OD (in)	OD (mm)
Natural*	30G	.006	.15	.012	.30
Grey	27G	.008	.20	.016	.40
Brown	26G	.010	.25	.018	.45
Orange	25G	.010	.25	.020	.50
Purple	24G	.012	.30	.022	.55
Blue	23G	.013	.33	.025	.60
Black	22G	.016	.41	.028	.70
Green	21G	.020	.51	.032	.80
Yellow	20G	.024	.60	.036	.90
Cream	19G	.028	.70	.043	1.10

^{*}Not an ISO color code



Anesthesia

For administering local anesthetic prior to ophthalmic surgery

Do not recap needle after use. Discard all needles according to recognized procedures.

Atkinson Tip Anesthesia Needles Single facet with a 22° angle point.



1425 Peribulbar Needle - Atkinson

 $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$



1023 Anesthesia Needle - Atkinson

23G x 1^{-1} /4 in (.60 x 32mm) May be used for peribulbar or retrobulbar administration



1027 Anesthesia Needle - Atkinson

 $27G \times 1^{-1}/4$ in (.40 x 32mm) May be used for peribulbar or retrobulbar administration



1125 Retrobulbar Needle - Atkinson

25G x 1 ½ in (.50 x 38mm)



1427 Peribulbar Needle - Atkinson

 $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$



1025 Anesthesia Needle - Atkinson

 $25G \times 1^{-1}$ /4 in (.50 x 32mm) May be used for peribulbar or retrobulbar administration



1123 Retrobulbar Needle - Atkinson

23G x 1 ½ in (.60 x 38mm)



1127 Retrobulbar Needle - Atkinson

 $27G \times 1^{1/2} \text{ in (.40 x 38mm)}$

Sharp Tip Needles Trifacet with a 12° angle point.



1225 Retrobulbar Needle - Sharp

25G x $1^{1}/_{2}$ in (.50 x 38mm)



1230

Facial Infiltration Needle - Sharp

 $30G \times \frac{5}{8} \text{ in } (.30 \times 16 \text{mm})$



1525 Scieral Track Needle

 $25G \times \frac{5}{8}$ in (.50 x 16 mm)

Sub-Tenon's Anesthesia For administering anesthetic agents into the posterior sub-Tenon's space.



1320 Sub-Tenon's Cannula

20G x 1 in (.90 x 25mm)



Sub-Tenon's Cannula $27G \times ^{7}/_{8}$ in (.40 x 22mm)

1327



1330



Sub-Tenon's Cannula 30G x ⁷/₈ in (.30 x 22mm)





Irrigation / Air Injection

For maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications. Also used to keep the cornea moist. Cannula tip is specially rounded extra smooth for safe insertion through wound and manipulation in the anterior chamber.

Anterior Chamber



2021 Irrigating Cannula - Rycroft 21G x ⁷/₈ in (.80 x 22mm) Angled 4mm from end



2025 Irrigating Cannula - Rycroft

25G x $^{7}/_{8}$ in (.50 x 22mm) Angled 4mm from end



2030 Irrigating Cannula - Rycroft

 $30G \times \frac{7}{8}$ in (.30 x 22mm) Angled 4mm from end



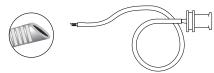
2527 Irrigating Cannula

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Angled 7mm from end



2730 Irrigating Cannula

 $30G \times \frac{7}{8}$ in (.30 x 22mm) Angled 5mm from end



2520 Anterior Chamber Maintainer

20G x %4 in (.90 x 3.5mm) Flexible tubing 10 in. (25cm):ID - 1mm; OD - 2mm Unique annular rings start .85mm from beveled tip Self retaining, does not require suturing



2023 Irrigating Cannula - Rycroft

 $23G \times \frac{7}{8}$ in (.60 x 22mm) Angled 4mm from end



2027 Irrigating Cannula - Rycroft

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Angled 4mm from end



2127 Irrigating Cannula

 $27G \times \frac{7}{8} \text{ in (.40 x 22mm)}$



2727 Irrigating Cannula

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Angled 5mm from end



2827 Irrigating Cannula

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Angled 6mm from end



2523 Anterior Chamber Maintainer

23G x % in. (.60 x 3.5mm) Flexible tubing 10 in. (25cm): ID- 1mm OD-2mm Unique annular rings start .85mm from beveled tip Self retaining, does not require suturing

Irrigation



2219 Irrigating Cannula - Bishop Harmon

19G x 1 in (1.10 x 25mm) Angled 8mm from end, flattened tip



2623 Olive Tip Cannula

23G x $\frac{7}{8}$ in (.60 x 22mm) Curved. Olive shape tip is 2mm long x 1mm wide





2220 Irrigating Cannula-Curved

 $20G \times ^{7}/_{8} \text{ in (.90 x 22mm)}$



2627 Olive Tip Cannula

 $27G \times 7/8$ in (.40 x 22mm) Curved. Olive shape tip is 2mm long x 1mm wide





Irrigation / Air Injection

For maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications. Also used to keep the cornea moist. Cannula tip is specially rounded extra smooth for safe insertion through wound and manipulation in the anterior chamber.

Viscoelastic For injecting viscoelastic to all meridians of the anterior chamber and to coat intraocular lens.

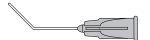


2121 Viscoelastic Cannula $21G \times \frac{7}{8}$ in $(.80 \times 22 \text{mm})$

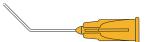


Angled 8mm from end

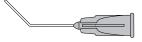
2125 Viscoelastic Cannula 25G x ⁷/₈ in (.50 x 22mm) Angled 8mm from end



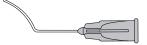
2227 Viscoelastic Cannula 27G x 1/8 in (.40 x 22mm) Angled 9mm from end



2325 Viscoelastic Cannula 25G x ⁷/₈ in (.50 x 22mm) Angled 10mm from end



2327 Viscoelastic Cannula $27G \times ^{7}/s$ in (.40 x 22mm) Angled 10mm from end



2427 Viscoelastic Cannula $27G \times ^{7}/_{8}$ in (.40 x 22mm) Formed 11mm from end



2123 Viscoelastic Cannula 23G x ⁷/₈ in (.60 x 22mm) Angled 8mm from end



2130 Viscoelastic Cannula 30G x ⁷/₈ in (.30 x 22mm) Angled 8mm from end



2323 Viscoelastic Cannula $23G \times 7/8$ in (.60 x 22mm) Angled 10mm from end



2326 Viscoelastic Cannula $26G \times 7/8$ in (.45 x 22mm) Angled 10mm from end



2330 Viscoelastic Cannula 30G x ⁷/₈ in (.30 x 22mm) Angled 10mm from end



2927 Viscoelastic Cannula 27*G* x ⁷/₈ in (.40 x 22mm) Angled 8mm from end

Lacrimal For probing and irrigating lacrimal ducts.



 $21G \times 1^{-1/4} \text{ in } (.80 \times 32 \text{mm})$





7026 Lacrimal Cannula 26G x 1 ¹/₄ in (.45 x 32mm)

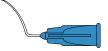




Sharp tip cystotome for creating an opening into the anterior capsule, nucleus dislocating or other intraocular applications. Each cystotome is packaged to ensure product quality and provide aseptic transfer

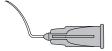
Formed Cystotomes

Conforms to the convexity of the lens providing easier access to anterior capsule. Reduces potential of corneal touch.



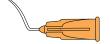
3023 Irrigating Cystotome

23G x ⁵/₈ in (.60 x 16mm)



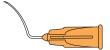
3027 Irrigating Cystotome

 $27G \times \frac{5}{8} \text{ in } (.40 \times 16 \text{mm})$



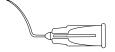
3725 Side Cutting Cystotome

25G x ⁵/₈ in (.50 x 16mm)



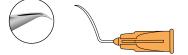
3025 Irrigating Cystotome - Pearce

25G x ⁵/₈ in (.50 x 16mm)



3030 Irrigating Cystotome

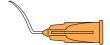
30G x ⁵/₈ in (.30 x 16mm)



3925 Irrigating Cystotome

25G x ⁵/₈ in (.50 x 16mm) 45° Angled tip

Reverse Tip Cystotomes Tip is bent towards port for downward irrigation.

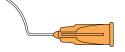


3125 Irrigating Cystotome - Reverse

25G x ⁵/₈ in (.50 x 16mm)



3425



25 Blunt Tip Cystotome - Reverse

 $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$

Short Curve Cystotomes For capsulotomy on deep-set eyes or small pupils.



3225 Irrigating Cystotome

25G x ⁵/₈ in (.50 x 16mm)



3227



Irrigating Cystotome

27G x ⁵/₈ in (.40 x 16mm)

Capsulorhexis Cystotomes capsulotomies.

Special tip allows control of flap during continuous curvilinear capsulotomies.



3325 Capsulorhexis Cystotome

25G x ⁵/₈ in (.50 x 16mm)



3327



Capsulorhexis Cystotome

27G x ⁵/₈ in (.40 x 16mm)



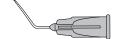
3627 Capsulorhexis Cystotome - Straight

27G x ⁵/₈ in (.40 x 16mm)





Angled and Curved Cystotomes



Angled Cystotome 3427

3825

27G x 5/8 in (.40 x 16mm)



Endocapsular Cystotome

25G x ⁵/₈ in (.50 x 16mm)



3625 **Angled Cystotome**



3827 **Endocapsular Cystotome**

27G x ⁵/₈ in (.40 x 16mm)

Straight Cystotomes



3523 **Irrigating Cystotome**

 $23G \times \frac{5}{8} \text{ in } (.60 \times 16 \text{mm})$



3527 **Irrigating Cystotome**

27G x ⁵/₈ in (.40 x 16mm)



3525



 $25G \times \frac{5}{8} \text{ in } (.50 \times 16 \text{mm})$



3530

Irrigating Cystotome $30G \times \frac{5}{8} \text{ in } (.30 \times 16 \text{mm})$



Irrigating Cystotome $27G \times \frac{5}{8} \text{ in (.40 x 16mm) 45}^{\circ} \text{ tip}$

Hydrodissection

Shaped For sub-incisional hydrodissection.



 $25G \times ^{7}/_{8} \text{ in } (.50 \times 22 \text{mm})$ Hook 3mm long x 1.9mm wide



J Hydrodissector

 $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$ Hook 2.15mm long, angled 45°



4527



27G x ⁷/₈ in (.40 x 22mm) Hook 2.15mm long, angled 45°



4327



J Hydrodissector

 $27G \times \frac{7}{8} \text{ in (.40 x 22mm)}$ Hook 2.5mm long x 1.75mm wide



4625 **HydroExpression Cannula - Corydon**

> $25G \times ^{7}/_{8} \text{ in } (.50 \times 22 \text{mm})$ Hook 2.15mm long, angled 50°



4825

HydroExpression Cannula - Corydon

 $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm}) \text{ Flat tip}$ Hook 2.7mm long, angled 55°



J Hydrodissector

 $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$ Hook 1.75mm long, angled 45°









HydroExpression Cannula - Corydon

5325



Hydrodissection

Flattened for easy placement under anterior capsule and provides a fan-like distribution **Flat End** of fluid for more effective dissection.



4025 **Hydrodissector - Pearce**

> $25G \times ^{7}/_{8} \text{ in } (.50 \times 22 \text{mm})$ Angled 8mm from end



4030 **Hydrodissector**

> $30G \times ^{7}/_{8} \text{ in } (.30 \times 22 \text{mm})$ Angled 10mm from end



4925 **Hydrodissector**

 $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$ Angled 7mm from end



4127 **Hydrodissector**

> $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$ Flattened on horizontal plane



4225 **Hydrodissector**

> $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$ Flattened on vertical plane



Angled 10mm from end

4027 **Hydrodissector** $27G \times ^{7}/_{8} \text{ in } (.40 \times 22 \text{mm})$



4125 **Hydrodissector - Daya**

25G x ⁷/₈ in (.50 x 22mm) Formed 11mm and flattened from bend to end



4927 **Hydrodissector**

> $27G \times \frac{7}{8} \text{ in (.40 x 22mm)}$ ^ngled 8mm from end



5027 **Hydrodissector**

> $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$ Flat tip angled 90°



4227 Hydrodissector

> $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$ Flattened on vertical plane

Cannula tip is specially rounded, extra smooth for safe insertion through wound Round End and manipulation in the anterior chamber.



Hydrodissector $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$ Angled 10mm from end



4725 **Hydrodissector**

> $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$ Angled 1mm from end



Hydrodissector - Frankfurt Model 4827

 $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$

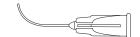


4430

4727 **Hydrodissector**

> $27G \times \frac{7}{8} \text{ in (.40 x 22mm)}$ Angled 1mm from end

Hydrodissector



4830 **Hydrodissector - Tubingen**

 $30G \times ^{7}/8 \text{ in } (.30 \times 22 \text{mm})$



5127 **Hydrodissector** $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$





Cortex Removal

Bimanual I and A Insert through two side port incisions or side port and phacoemulsification incisions.



5121



Bimanual Irrigation Cannula

 $21G \times \frac{7}{8} \text{ in (.80 x 22mm)}$.51mm open end irrigation port



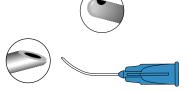
5123 **Bimanual Aspiration Cannula**

> 23G x $^{7}/_{8}$ in (.60 x 22mm) .4mm top port. Micro etched 2mm from end for capsule polishing

Cortex Extractors For aspirating when chamber is maintained with a viscoelastic, anterior chamber maintainer or other independent source.



502 I **Cortex Extractor** $21G \times \frac{7}{8} \text{ in (.80 x 22mm)}$.4mm top port



5023 **Cortex Extractor**

 $23G \times ^{7}/_{8} \text{ in } (.60 \times 22 \text{mm})$.4mm top port



23G x ⁵/₈ in (.60 x 16mm)

J Shaped

Useful for retracting iris and aspirating residual sub-incisional cortex.



5223 J Cannula

> $23G \times \frac{7}{8} \text{ in } (.60 \times 22 \text{mm})$.33mm end port Hook 2mm long x 2.25mm wide



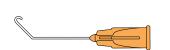
5225 J Cannula

> 25G x ⁷/₈ in (.50 x 22mm) .25mm end port Hook 2mm long x 1.75mm wide. Ideal for small incision surgery



5227 J Cannula

> $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$.20mm end port Hook 2mm long x 1.75mm wide Ideal for small incision surgery



5425 J Cannula - Angled

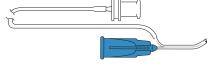
> $25G \times \frac{7}{8} \text{ in } (.50 \times 22 \text{mm})$.25mm end port Angled 45°, 10mm from end Hook 2mm long x 1.75mm wide

5425R J Cortex Extractor - Angled Right

 $25G \times \frac{7}{8}$ in (.50 x 22mm) .25mm end port; Angled 45°, 5mm from end. J shaped angled right. Hook 1.5mm long x 1.75mm wide

Simcoe I and A

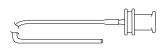
Irrigation is provided through cannula with open end port. Aspiration is provided through 10 inch (25cm) flexible tubing attached to cannula with .4mm top aspiration port.



5623 I and A Cannula - Simcoe

23G/23G (.60/.60mm)





5524

Replacement Tubing 10 in (25cm) ID - 1mm; OD - 2mm Non-sterile





Capsule Polishing

Soft Tip Soft tip for gentle polishing and provides atraumatic insertion and removal.



6023 Soft Tip Cannula

 $23G \times \frac{7}{8} \text{ in } (.60 \times 22 \text{mm})$ Angled 8mm from end 10mm sleeve



6025

Soft Tip Cannula $25G \times ^{7}/_{8} \text{ in } (.50 \times 22 \text{mm})$ Angled 8mm from end 10mm sleeve



6027 **Soft Tip Cannula**

 $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$ Angled 8mm from end 10mm sleeve



Posterior Capsule Polisher - Engels

 $27G \times ^{7}/_{8} \text{ in } (.40 \times 22 \text{mm})$ Curved, 23mm sleeve Beveled down for polishing posterior capsule

Micro Etched Slightly roughened for gentle capsule polishing.





6121 Capsule Polisher - Kratz

 $21G \times \frac{7}{8} \text{ in } (.80 \times 22 \text{mm}) .4 \text{mm top port}$ Angled, 9mm from end; micro etched 3mm from end



6123 Capsule Polisher - Kratz

23G x $^{7}/_{8}$ in (.60 x 22mm) .4mm top port Angled, 9mm from end; micro etched 3mm from end





6221 **Capsule Polisher**

21G x $\frac{7}{8}$ in (.80 x 22mm) Angled, 4mm from end; micro etched 5mm from end





6423 **Olive Tip Polisher**

 $23G \times \frac{7}{8} \text{ in } (.60 \times 22 \text{mm})$ Angled, 10mm from end; micro etched olive shape tip is 1mm wide x 2mm long



Olive Tip Capsule Polisher

27G x ⁷/₈ in (.40 x 22mm) Curved; micro etched olive shape tip is 1mm wide x 2mm long



Refractive

Designed to irrigate the corneal interface and/or stromal bed. Flattened tip provides easy insertion **LASIK Irrigators** under the flap and helps elevate the flap edge. Multiple ports provide multi-directional irrigation.



7121 LASIK Cannula - Daya

21G x ⁷/₈ in (.80 x 22mm) Formed 11mm and flattened from bend to end



7125 **LASIK Irrigator - Rosen**

 $25G \times ^{7}/_{8} \text{ in } (.50 \times 22 \text{mm})$ Formed 9mm and flattened at tip



7223 LASIK Spatula/Irrigator

 $23G \times \frac{7}{8} \text{ in } (.60 \times 22 \text{mm})$ Formed 9mm from end



7227 **LASIK Irrigator - 4 Ports**

 $27G \times \frac{7}{8} \text{ in (.40 x 22mm)}$ Formed 9mm from end Two .15mm ports 2mm and 4mm from end



7327 **LASIK** Irrigator - Probst

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Angled 90°, 7mm from end. Smooth tip, flattened 2mm from end, 90° bend allows surgeon to maintain the comfortable superior position while replacing flap



LASIK Irrigator - Assis - 3 Ports

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Formed 9mm from end Tip flattened 1.5mm from end One .15mm port 2mm, 4mm and 6mm from end





7727 **LASIK Irrigator - 6 Ports**

 $27G \times ^{7}/_{8} \text{ in (.40 x 22mm)}$ Formed 9mm from end. Two .15mm ports 2mm, 4mm and 6mm from end





7123 LASIK Cannula - Daya

 $23G \times \frac{7}{8} \text{ in } (.60 \times 22 \text{mm})$ Formed 11mm and flattened from bend to end



LASIK Irrigator - 4 Ports

 $27G \times \frac{7}{8}$ in (.40 x 22mm) Formed 9mm from end, tip flattened 1.5mm from end Two .15mm ports 2mm and 4mm from end



LASIK Irrigator - 6 Ports

 $25G \times \frac{7}{8}$ in (.50 x 22mm) Formed 7mm from end Two .15mm ports 2mm, 4mm and 6mm from end



7323 **LASIK Irrigator - 4 Ports**

 $23G \times \frac{7}{8} \text{ in (.60 x 22mm)}$ Formed 11mm from end. Two .2mm ports 2mm and 4mm from end. Flattened tip



7427 **LASIK Irrigator - Formed**

 $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$ Formed 11mm from end



LASIK Spatula/Irrigator

 $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$ Formed 9mm from end



7827 **LASIK Irrigator - Formed**

 $27G \times \frac{7}{8} \text{ in (.40 x 22mm)}$ Formed 11mm from end and flattened at tip





Refractive

Unique products designed for LASIK surgery and other types of refractive surgery.

Lasik Drains

Drains fluid from the orbit and minimizes fluid buildup in corneal bed. Lint-free PVA, soft when moistened.



7301 LASIK Drain - Chayet

10mm opening.



7311 LASIK Drain - Chayet

12mm opening

Lasik Shields, Spears and Sponges



7302 LASIK Shield

Lint free PVA, 8mm diameter with flat edge. Protects and moistens corneal flap



7306 LASIK Spear

Lint free PVA, Useful for tissue manipulation and fluid absorption to facilitate flap alignment and adhesion



7309 LASIK Incise Film

Overall: 4×5 in $(10 \times 12.5 \text{cm})$ Adhesive: $4 \times 3^{-1}/_{2}$ in $(10 \times 8.75 \text{cm})$ Mini size perfect for LASIK and other refractive or minor office procedures Covers lashes, lids and brow



7305 LASIK Sponge - Probst

2 x 4mm, Lint free PVA These convenient small sponges can be used dry or soaked in a vasoconstricting eyedrop to tamponade peripheral neovascular bleeding during LASIK



7318 LASIK Incise Tape

Overall: 1 x 9 in (2.5 x 22.8cm) Adhesive: 1 x 7 ¹/₄ in (2.5 x 18.4cm) Mini size perfect for LASIK and other refractive or minor office procedures Covers lashes, lids and brow

Pre-Inked Pads and Pens and remains for duration of surgery.

Used to coat corneal markers to imprint pattern on the cornea and remains for duration of surgery



7303 Marker Pad - Gentian Violet

Made from lint-free, thick, soft material Minimizes risk of damaging delicate instruments



304 Marker Pad - Methylene Blue

Made from lint-free, thick, soft material Minimizes risk of damaging delicate instruments



7319 Dual Tip Marker Pen- Gentian Violet

7320 Dual Tip Marker Pen- Methylene Blue

Two unique tips in one pen! Specially designed to ink corneal instruments or mark skin **Chisel Tip** - Broad area to mark delicate instruments A Fine area for precise lines **Fine Tip** - For precise lines or to make "pin-point" marks

Super Moist- Will not dry out during procedure





IOL and **Nucleus** Manipulation

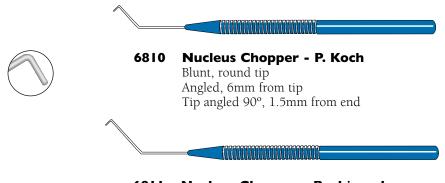
IOL manipulator for positioning intraocular lenses. Nucleus choppers used during phacoemulsification

IOL Manipulators Blunt tips avoid damage to intraocular lenses.



Nucleus Choppers

Used to break-up the nucleus within the capsular bag during two-handed phaco techniques.



6811 Nucleus Chopper - Beckingsale

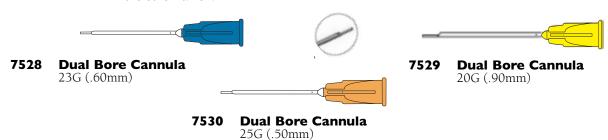
Blunt, round tip Angled, 11mm from tip Tip angled 90°, 1.5mm from end



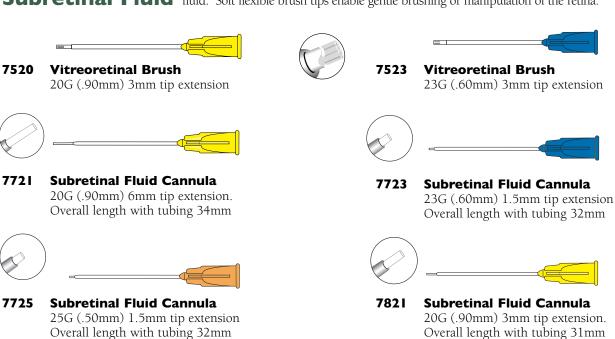


Vitreoretinal

Simultaneous infusion of liquids through center lumen and aspiration of fluid through a vent hole in **Dual Bore** the other lumen.



Soft flexible tips allow atraumatic entry through existing tears or holes for aspiration of subretinal **Subretinal Fluid** fluid. Soft flexible brush tips enable gentle brushing or manipulation of the retina.



Overall length with tubing 32mm



7822 **Subretinal Fluid Cannula** 20G (.90mm) 1.5mm tip extension Overall length with tubing 30mm



Subretinal Fluid Cannula 25G (.50mm) 3mm tip extension Overall length with tubing 34mm



7823 **Subretinal Fluid Cannula** 23G (.60mm) 3mm tip extension Overall length with tubing 34mm



Vitreoretinal Cannula 23G (.60mm) with 39G (.09mm) 5mm Polymide tip extension



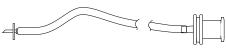
Products designed specifically for posterior segment surgical procedures

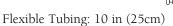
Infusion Facilitates posterior segment infusion.



7501 Infusion Cannula 2.5mm

20G (.90mm)







7502 Infusion Cannula 4mm

20G (.90mm)



7503 Infusion Cannula 6mm





7524 Infusion Cannula 4mm

23G (.60mm)



7525 Infusion Cannula 6mm

23G (.60mm)

High Viscosity

Designed for injection of silicone oil and other viscous fluids. Special high pressure tubing is attached to thinwall cannula. May also be used as standard infusion cannulas.





7504 Viscous Infusion Cannula 4mm 20G (.90mm); Tubing: 4 in (10cm)



7505 Viscous Infusion Cannula 6mm 20G (.90mm); Tubing: 4 in (10cm)





7506 Viscous Infusion Cannula 4mm 20G (.90mm); Tubing: 6 in (16cm)



7507 Viscous Infusion Cannula 6mm

20G (.90mm); Tubing: 6 in (16cm)





Micropicks

Sharp tip for lifting or removing premacular, epiretinal, and other vitreoretinal membranes.



Blunt tip cannulas for general injection or aspiration.

Cannulas

7423 **Vitreoretinal Cannula**

 $23G \times 1^{-1/8} \text{ in } (.60 \times 28 \text{mm})$

7425 Vitreoretinal Cannula $25G \times 1^{1}/8 \text{ in } (.50 \times 28 \text{mm})$



Vitreoretinal Cannula 20G x 1 1 /₈ in (.90 x 28mm)



7920 Silicone Oil Cannula $20G \times \frac{5}{16} \text{ in } (.90 \times 8 \text{mm})$



Silicone Oil Cannula 7923 23G x ⁵/₁₆ in (.60 x 8mm)

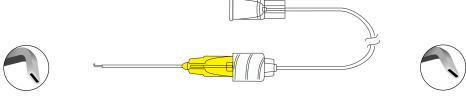
7620



7925 Silicone Oil Cannula $25G \times \frac{5}{16} \text{ in } (.50 \times 8 \text{mm})$

Viscodissectors

For dissection of vitreoretinal membranes using viscoelastic fluid. Tubing is 8 in (20cm) long; ID - .02 in (.50mm); OD - .06 in (1.5mm) and capable of withstanding injections of viscoelastic fluids.



7517 Vitreoretinal Viscodissector 90°

20G (.90mm) cannula with 30G (.30mm) tip, flattened Angled 90°, 1mm from end

7518 Vitreoretinal Viscodissector 70°

20G (.90mm) cannula with 30G (.30mm) tip, flattened Angled 70°, 1mm from end



7519 Vitreoretinal Viscodissector 45°

20G (.90mm) cannula with 30G (.30mm) tip, flattened Angled 45°, 1mm from end





Microsurgical Accesories

A variety of products to complement ophthalmic microsurgery and minor office procedures.

9006

Fluid Absorption and Administration



9001 Eye Spear

Fast wicking action for quick absorption



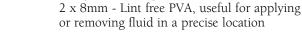
Surgical Sponge - Gills

2 ⁵/₈ in (6.6cm) overall length ³/₁₆ in (5mm) diameter, 45° angled ends. Soft, non-woven material is rigid enough to withstand gentle pressure. Both ends may be used for absorption



9004 Absorbent Stick - Non-Sterile

2 ⁵/₈ in (6.6cm) overall length ³/₁₆ in (5mm) diameter, 45° angled ends. Soft, non-woven material is rigid enough to withstand gentle pressure. Both ends may be used for absorption



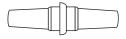


9101 Instrument Wipe

3 x 3 in (7.5 x 7.5cm) Lint free PVA for cleaning delicate instruments. Soft when moistened and will not drag on blades or tips

9301 .20 Micron Filter

Filters out particles and microbiological contamination .22 micron and larger. Male/female luer lock fittings



9303 Male to Male Connector

Overall length 29mm Luer slip fittings connect instrument to tubing Especially useful for bimanual I and A to connect cannula to I/A tubing



Overall size: 5×9 in $(12.7 \times 22.8 \text{cm})$ Adhesive area: $5 \times 7^{1}/_{4}$ in $(12.7 \times 18.4 \text{cm})$ Small incise covers lashes, lids and brow



9802 Eye Fluid Wick

Highly absorbent lint free PVA wick Removes fluid and directs it away from surgical area

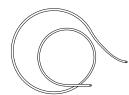
9803 Surgical Absorbent Kit

1 - 9101 Instrument Wipe

1 - 9202 Corneal Light Shield

1 - 9802 Eye Fluid Wick

Popular microsurgical accessories combined into one package for convenience and cost savings



7002 Silicone Tubing

Length: 14 in (35cm)
ID: .012 in (.30mm)
OD: .025 in (.60mm)





Microsurgical Accessories

A variety of products to complement ophthalmic microsurgery and minor office procedures.

Eye Protection Protects the eye during or after surgery or trauma.



9401 Clear Eye Shield - Non-sterile Smooth edges need no protective cover. Universal for



9402

Clear Eye Shield - Sterile Smooth edges need no protective cover. Universal for left or right eye



9202 Corneal Light Shield

left or right eye

8mm diameter -Lint free PVA Keeps cornea moist. Protects retina from operating microscope light rays



9203 Corneal Light Shield

6mm diameter - Lint free PVA Keeps cornea moist. Protects retina from operating microscope light rays



9205 Cd

Corneal Light Shield

10mm diameter - Lint free PVA Keeps cornea moist. Protects retina from operating microscope light rays

Surgical Glides

Useful for placement of intraocular lenses into the posterior chamber. Also protects iris from prolapse or trauma during microsurgical procedures.

9201 Surgical Glide

25mm long x 3mm wide 1.5mm radius; 6 mil thick 9204 IOL Glide - Sheets

35mm long x 5mm wide 2.5mm radius; 6 mil thick







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