



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 registrations and certifications include: United States Food and Drug Administration, Canadian Medical Devices Regulations, ISO 13485, and European Union Medical Devices Directive 93/42/EEC for CE Marking.

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.

REF Catalog Number

Lot Number

Product Expiration (Year - Month)

Open/Peel Here

DO NOT REUSE

QTY Package Quantity

Sterilized Using Irradiation

Manufacturer

🗷 🕰 Recycle

DO NOT USE IF PACKAGE DAMAGED

DO NOT RESTERILIZE

Product Insert

European Union CE mark and Notified Body ID Number

Non Product is Non-Sterile

Authorized Representative in the EC

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 594 Conical Fittings with a 6% luer taper to assure use with syringes or devices.

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

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



1425 Peribulbar Needle - Atkinson

25G x ⁷/₈ in (.50 x 22mm)



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**

> $27G \times 1^{-1/4} \text{ in } (.40 \times 32 \text{mm})$ 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**

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



Retrobulbar Needle - Atkinson 1123

23G x $1^{1}/_{2}$ in (.60 x 38mm)



1127 Retrobulbar Needle - Atkinson

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

Sharp Tip Needles

Trifacet with a 12° angle point.

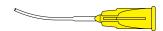


Retrobulbar Needle - Sharp $25G \times 1^{1/2} \text{ in } (.50 \times 38 \text{mm})$



Facial Infiltration Needle - Sharp $30G \times \frac{5}{8} \text{ in } (.30 \times 16 \text{mm})$

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 1330 $30G \times \frac{7}{8}$ in (.30 x 22mm)



Sub-Tenon's Cannula $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$



Irrigation / Air Injection

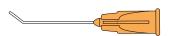
For maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications. Also used to keep the cornea moist. Cannula tip is specially rounded extra smooth for safe insertion through wound and manipulation in the anterior chamber.

Anterior Chamber

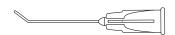
2025



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



Irrigating Cannula - Rycroft 25G x ¹/₈ in (.50 x 22mm) Angled 4mm from end



2030 Irrigating Cannula - Rycroft 30G x ⁷/₈ in (.30 x 22mm) Angled 4mm from end



2527 Irrigating Cannula 27G x ⁷/₈ in (.40 x 22mm) Angled 7mm from end



2730 Irrigating Cannula $30G \times \frac{1}{8}$ in (.30 x 22mm) Angled 5mm from end



2023 Irrigating Cannula - Rycroft 23G x ⁷/₈ in (.60 x 22mm) Angled 4mm from end



2027 Irrigating Cannula - Rycroft 27G x ⁷/₈ in (.40 x 22mm) Angled 4mm from end



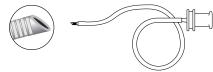
2127 Irrigating Cannula $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$



2727 Irrigating Cannula 27G x ⁷/₈ in (.40 x 22mm) Angled 5mm from end



1827 Irrigating Cannula 27G x ⁷/₈ in (.40 x 22mm) Angled 6mm from end



2520 Anterior Chamber Maintainer

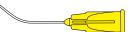
20G x % in (.90 x 3.5mm) Flexible tubing 10 in (25cm): ID - 1mm; OD - 2mm Unique annular rings start .85mm from beveled tip. Self retaining, does not require suturing.

Irrigation



2219 Irrigating Cannula - Bishop Harmon 19G x 1 in (1.10 x 25mm) Angled 8mm from end, flattened tip





2220 Irrigating Cannula-Curved 20G x 7/8 in (.90 x 22mm)



2623 Olive Tip Cannula

23G x $\frac{7}{8}$ in (.60 x 22mm) Curved .33mm end port. 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.



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



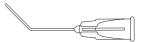
2130 Viscoelastic Cannula 30G x ⁷/₈ in (.30 x 22mm) Angled 8mm from end



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



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



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



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



27G x ⁷/₈ in (.40 x 22mm) Angled 9mm from end



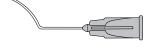
2325 Viscoelastic Cannula 25G x 1/8 in (.50 x 22mm) Angled 10mm from end



2327 Viscoelastic Cannula 27G x ⁷/₈ in (.40 x 22mm) Angled 10mm from end



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



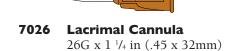
2427 Viscoelastic Cannula 27G x ½ in (.40 x 22mm) Formed 11mm from end

Lacrimal For probing and irrigating lacrimal ducts.



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



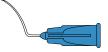






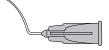
Formed Cystotomes

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)



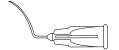
3027 **Irrigating Cystotome**

27G x ⁵/₈ in (.40 x 16mm)

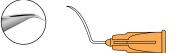


3725 **Side Cutting Cystotome** 25G x ⁵/₈ in (.50 x 16mm)

3025 **Irrigating Cystotome - Pearce** 25G x ⁵/₈ in (.50 x 16mm)



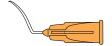
3030 **Irrigating Cystotome** $30G \times \frac{5}{8} \text{ in } (.30 \times 16 \text{mm})$



3925 **Irrigating Cystotome**

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

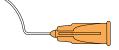
Reverse Tip Cystotomes Tip is bent towards port for downward irrigation.



Irrigating Cystotome - Reverse 25G x $\frac{5}{8}$ in (.50 x 16mm)

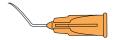


3425



Blunt Tip Cystotome - Reverse 25G x ⁷/₈ in (.50 x 22mm)

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



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





3227 **Irrigating Cystotome** $27G \times \frac{5}{8} \text{ in } (.40 \times 16 \text{mm})$

Capsulorhexis Cystotomes

Special tip allows control of flap during continuous curvilinear capsulotomies.



Capsulorhexis Cystotome 3325

25G x ⁵/₈ in (.50 x 16mm)





Capsulorhexis Cystotome

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



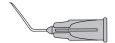
3627 Capsulorhexis Cystotome - Straight 27G x ⁵/₈ in (.40 x 16mm)





Capsulotomy

Angled and Curved Cystotomes



3427 **Angled Cystotome** $27G \times \frac{5}{8} \text{ in } (.40 \times 16 \text{mm})$



3625 **Angled Cystotome**

25G x ⁵/₈ in (.50 x 16mm)



3825 **Endocapsular Cystotome**

25G x ⁵/₈ in (.50 x 16mm)



3827 **Endocapsular Cystotome**

27G x ⁵/₈ in (.40 x 16mm)

Straight Cystotomes



3523 **Irrigating Cystotome** 23G x ⁵/₈ in (.60 x 16mm)



3525

Irrigating Cystotome 25G x ⁵/₈ in (.50 x 16mm)



3527 **Irrigating Cystotome** 27G x ⁵/₈ in (.40 x 16mm)



3530 **Irrigating Cystotome** $30G \times \frac{5}{8} \text{ in } (.30 \times 16 \text{mm})$

Hydrodissection

Shaped For sub-incisional hydrodissection.



4325

4625

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



4327



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



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









4627 **HydroExpression Cannula - Corydon** $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$





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**

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



4030 **Hydrodissector**

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



4925 **Hydrodissector**

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



4127 **Hydrodissector**

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



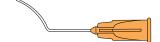
4225 **Hydrodissector**

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



4027 **Hydrodissector**

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



4125 **Hydrodissector - Daya**

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



4927 Hydrodissector

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



5027 **Hydrodissector**

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



4227 **Hydrodissector**

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

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



4427 **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



4430 **Hydrodissector**

> $30G \times \frac{7}{8}$ in $(.30 \times 22$ mm)Angled 12mm from end



4727 **Hydrodissector**

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



Hydrodissector - Frankfurt Model 4827

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



4830 **Hydrodissector - Tubingen** $30G \times \frac{7}{8} \text{ in } (.30 \times 22 \text{mm})$





Cortex Removal

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



5021





5121 **Bimanual Irrigation Cannula**

 $21G \times \frac{7}{8} \text{ in } (.80 \times 22 \text{mm})$.51mm open end irrigation port 5123

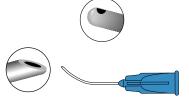
Bimanual Aspiration Cannula 23G x $\frac{7}{8}$ in (.60 x 22mm) .4mm top port. Micro etched 2mm from end for capsule polishing

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



Cortex Extractor

 $21G \times \frac{7}{8} \text{ in } (.80 \times 22 \text{mm})$.4mm top port



5023

Cortex Extractor 23G x $^{7}/_{8}$ in (.60 x 22mm)

.4mm top port

5323 Cortex Extractor - Charleux

23G x ⁵/₈ in (.60 x 16mm)

J Shaped

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



5223 J Cannula

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



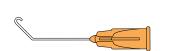
5225 J Cannula

> 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

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



J Cannula - Angled 5425

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

5425R J Cortex Extractor - Angled Right

25G x $^{7}/_{8}$ 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.



5523 I and A Cannula - Simcoe

23G/23G (.60/.60mm) - Metal Hubs



5623 I and A Cannula - Simcoe

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

5524

Replacement Tubing

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





Capsule Polishing

For polishing and cleaning residual cortex from the capsular bag in preparation for insertion of the intraocular lens

Soft Tip

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



6023 Soft Tip Cannula

23G x ⁷/₈ in (.60 x 22mm) Angled 8mm from end 10mm sleeve



6027 Soft Tip Cannula

27G x ⁷/₈ in (.40 x 22mm) Angled 8mm from end 10mm sleeve



6025 Soft Tip Cannula

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





6427 Posterior Capsule Polisher - Engels

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

Micro Etched Slightly roughened for gentle capsule polishing.



6121 Capsule Polisher - Kratz

21*G* x ⁷/₈ in (.80 x 22mm) .4mm 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 ⁷/₈ in (.80 x 22mm) Angled, 4mm from end; micro etched 5mm from end



6321 Capsule Polisher

21G x 1¹/₄ in (.80 x 32mm) Angled, 5mm from end; micro etched 6mm from end

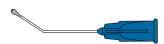




6323 J Capsule Polisher - Thornton

23G x $\frac{7}{8}$ in (.60 x 22mm) Hook 2mm long x 2mm wide. Lightly roughened on back of J end for gentle capsule polishing





6423 Olive Tip Polisher

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





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

 $21G \times \frac{7}{8} \text{ in } (.80 \times 22 \text{mm})$ Formed 11mm and flattened from bend to end



7125 **LASIK Irrigator - Rosen**

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





7223 LASIK Spatula/Irrigator

23G x ⁷/₈ in (.60 x 22mm) Formed 9mm from end

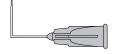




7227 **LASIK Irrigator - 4 Ports**

 $27G \times \frac{7}{8} \text{ in } (.40 \times 22 \text{mm})$ 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 7527

27G x 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





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



7627 LASIK Spatula/Irrigator

27G (.40mm) Formed 9mm



7727 **LASIK Irrigator - 6 Ports**

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





Refractive

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

7317 LASIK Drain - Gimbel/Chayet

> 8.5mm opening Unique design to secure flap.

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 x 5 in (10 x 12.5cm) Adhesive: 4 x 3 1/2 in (10 x 8.75cm) Mini size perfect for LASIK and other refractive or minor office procedures Covers lashes, lids and brow

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



LASIK Incise Tape

Overall: 1 x 9 in (2.5 x 22.8cm) Adhesive: $1 \times 7^{1/4}$ in $(2.5 \times 18.4$ cm) 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



7303 Marker Pad - Gentian Violet

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



7304 Marker Pad - Methylene Blue

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



Marker Pens

Super Moist - Will not dry out during procedure *Chisel Tip -* Broad area to mark delicate instruments

- Fine area for precise lines

Fine Tip - For precise lines or to make "pin-point" marks





Marker Pen - Gentian Violet 7313

7314 Marker Pen - Methylene Blue

Marker Pen - Gentian Violet, Fine Tip

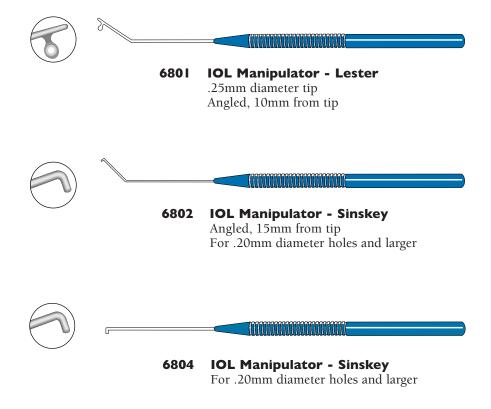




IOL and **Nucleus Manipulation**

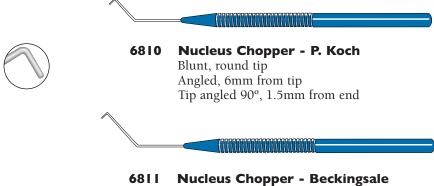
IOL Manipulators

Blunt tips avoid damage to intraocular lenses.



Nucleus Choppers

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



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



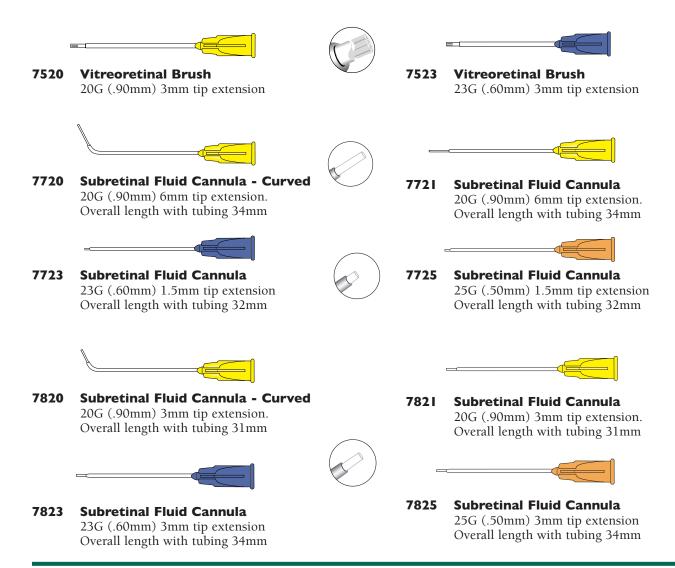


Vitreoretinal

Products designed specifically for posterior segment surgical procedures.

Subretinal Fluid

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



Micropicks

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



7623 Vitreoretinal Micropick 23G (.60mm) sharp, angled tip



7625

Vitreoretinal Micropick 25G 20G (.90mm) cannula with 25G (.50mm) sharp, angled tip



7630 Vitreoretinal Micropick 30G

20G (.90mm)cannula with 30G (.30mm) sharp, angled tip





Vitreoretinal

Infusion Facilitates posterior segment infusion.



7501 Infusion Cannula 2.5mm

20G (.90mm)



7502 **Infusion Cannula 4mm**

20G (.90mm)



Flexible Tubing: 10 in (25cm)



7503 Infusion Cannula 6mm

20G (.90mm)



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)



Viscous Infusion Cannula 4mm 7506

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





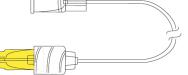
7507 **Viscous Infusion Cannula 6mm**

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

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

Vitreoretinal Viscodissector 45° 7519

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





Vitreoretinal

Micro Tip Cannulas retinal tears or holes.

Designed for injecting or aspirating. Micro tips for working around and through



7508 Subretinal Aspirator 27G

20G (.90mm) cannula with 27G (.40mm) tip, angled 2.5mm



7510 **Subretinal Injector - Curved 30G**

20G (.90mm) cannula with 30G (.30mm) tip



Subretinal Injector 30G 7509

20G (.90mm) cannula with 30G (.30mm) tip with gentle curve



7511 Subretinal Injector 30G

20G (.90mm) cannula with 30G (.30mm) tip



7512 **Subretinal Cannula 32G**

20G (.90mm) cannula with 32G (.23 x 9mm) tip with gentle curve



7513 **Subretinal Cannula 32G**

20G (.90mm) cannula with 32G (.23 x 9mm) tip, angled 1mm



7514 Vitreoretinal Cannula 30G

20G (.90mm) cannula with 30G (.30mm) tip



7515 **Vitreoretinal Cannula 30G**

20G (.90mm) cannula with 30G (.30mm) tip, angled 2.5mm



7516 Vitreoretinal Aspirator 27G

20G (.90mm) cannula with 27G (.40mm) tip



7521 Subretinal Cannula 32G

20G (.90mm) cannula with 32G (.23 x 6mm) tip with gentle curve



Vitreoretinal Cannula 32G **7522**

20G (.90mm) cannula with 32G (.23mm) tip

Cannulas

Blunt tip cannulas for general injection or aspiration.



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



7425

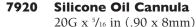
Vitreoretinal Cannula

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

7620 **Vitreoretinal Cannula** $20G \times 1^{-1}/s \text{ in } (.90 \times 28 \text{mm})$









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





Microsurgical Accesories

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

Fluid Absorption and Administration



9001 Eye Spear

Fast wicking action for quick 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



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



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



9003 Absorbent Stick - 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



9006 Surgical Sponge - Gills

2 x 8mm - Lint free PVA, useful for applying or removing fluid in a precise location



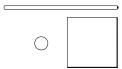
9301 .20 Micron Filter

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



9701 Incise Film

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



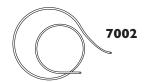
9803 Surgical Absorbent Kit

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



Silicone Tubing

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





Microsurgical Accessories

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



940 I Clear Eye Shield - Non-sterile Smooth edges need no

protective cover. Universal for left or right eye



9402

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



9202 Corneal Light Shield

> 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

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



Surgical Glide

25mm long x 3mm wide 1.5mm radius; 6 mil thick



IOL Glide - Sheets

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







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