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Здесь то, что вы искали

Exactement ce dont vous avez besoin

Exacte quod circumspectas
Your job in the OR can be challenging. We want to help.

At MedOne we focus on making products that help you help your patients. Attention to detail and a quality focused approach result in products you can rely on in difficult situations. Our innovative products help solve problems and consistently achieve great surgical results. We share your passion for patient care. It drives everything we do. Let us prove it to you.

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Quick Guide:
20 gauge | 23 gauge | 25 gauge | 27 gauge

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Product images on the box label and inner packaging make it quick and easy to identify the product inside.
Extendable FlexTip™ Cannulas have soft flexible tips that can be fully retracted for easy passage through valved entry cannulas. The tip can be extended up to 7mm in length. The sliding silicone reservoir allows reflux even when fully extended. The removable plug allows use with active or passive aspiration. This product is ideal for subretinal drainage, especially in cases with fluid in the periphery near a tear or break.

FlexTip™ Brush Cannulas

The FlexTip™ Brush Cannulas have a soft silicone tip that allows gentle brushing and manipulation of the retina. Excellent for removal of blood from the retina surface.

Extendable FlexTip™ Brush

The Extendable FlexTip™ Brush has a soft silicone tip that can be fully retracted for easy passage through valved entry cannulas, then extended up to 1.5mm in length. The removable plug allows use with active or passive aspiration.

FlexTip™ Cannulas have soft, high flow silicone tips, allowing gentle access to the retina for drainage from the surface or subretinal space. XL cannulas offer increased length for better access to the retina in long eyes. The luer lock hub enables easy secure connection to a backflush handle or other aspiration device.
Dual Bore Cannulas

MedOne Dual Bore Cannulas are designed for injection of a liquid such as perfluorocarbon (PFCL) or staining dye, while allowing simultaneous egress of BSS to relieve pressure build up. This enables easy use of surgical liquids while controlling intraocular pressure. During injection, the port nearest to the hub remains outside the eye, allowing the passive drainage of BSS to relieve pressure. The Dual Bore Cannulas utilize a filled hub designed to decrease air bubbles during PFCL injection so the case can be completed without interruption.

**DualBore SideFlo® Cannulas**

The MedOne DualBore SideFlo® Cannulas are optimized for injection of surgical liquids in small gauge vitrectomy surgery. They are designed to increase safety by using a side port for fluid injection, reducing the possibility of retinal injury caused by a fluid jet stream. Multiple egress vents double the outflow over the original design for faster pressure relief during injection. The all metal exterior enables easy passage through valved entry cannulas. Patent #9937300

![DualBore SideFlo® Cannulas](image)

**Original Dual Bore Cannulas**

MedOne coaxial Dual Bore Cannulas have a longer central cannula for injection of surgical liquids with venting through a secondary lumen and a single port near the hub.

![Original Dual Bore Cannulas](image)

Blunt-Tip Cannulas

Blunt, thin-walled cannulas are intended for general injection or aspiration. XL cannulas offer increased overall length for easier access in patients with high myopia or longer eyes. The thin wall allows a high flow rate. The luer lock hub enables an easy, secure connection to a backflush handle or syringe.

**Infusion Cannulas**

The thin-walled 20g Infusion Cannulas achieve maximum flow rate during infusion of fluid or gas. The smooth, beveled tip (available in 4mm or 6mm lengths) allows easy insertion through sclerotomy. The green suture flange offers enhanced visibility. The luer lock hub enables an easy, secure connection to the infusion line.

![Infusion Cannulas](image)

**Blunt-Tip Cannulas**

![Blunt-Tip Cannulas](image)

**Infusion Cannulas**

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**Infusion Cannulas**

![Infusion Cannulas](image)
MedOne's innovative Oil Removal Cannula enables removal of oil through a sutureless incision. Simply place the trocar cannula using standard technique. Then push the included silicone tube onto the specially-shaped port cannula and aspirate the oil using a standard syringe or pump system. Supplied cap can be used to help maintain IOP after removal of oil.

Developed in cooperation with Ziya Kapran, MD

Viscous Fluid Infusion Cannulas can be inserted into an entry cannula and will remain attached via the silicone fitting at the tip. The self-retaining feature allows bimanual surgery during oil fill in small gauge cases. The VFI Cannula can be used to infuse both BSS and silicone oil during a case. Ideal for PFO-to-silicone oil exchange cases. Not compatible with Alcon valved trocar cannulas.

**Viscous Fluid Infusion Cannulas**

- NEW! 3246 VFI Infusion Cannula 23g
- NEW! 3245 VFI Infusion Cannula 25g
- NEW! 3301 VFI Infusion Cannula 27g

**VFI Cannulas**

MedOne VFI Cannulas utilize an extremely thin-walled tube, allowing injection of viscous fluids such as silicone oil through an entry cannula. The luer lock hub enables an easy, secure connection to a syringe, extension tube, or injection system.

**PolyTip® VFI Cannula**

Uniquely shaped 23g port cannula

Luer lock tubing/connector attached

Cap to help maintain IOP after oil removal

**Oil Removal Cannula [Kapran]**

- NEW! 3235 VFI Cannula 23g 23g x 2mm
- NEW! 3226 VFI Cannula 25g 25g x 2mm
- NEW! 3273 VFI Cannula 27g 27g x 2mm

**VFI Infusion Cannulas**

- NEW! 3241 PolyTip® VFI Cannula 23g 23g x 10mm cannula length provides improved access across the eye and visualization of the cannula tip during use.

**SILICONE OIL CANNULAS**

**Viscous Fluid Infusion Cannulas**

- NEW! 3240 Viscous Fluid Cannula 28g (4mm) 16cm (6in) high pressure tube with 4mm tip
- NEW! 3201 Viscous Fluid Cannula 28g (6mm) 16cm (6in) high pressure tube with 6mm tip

**SILICONE OIL CANNULAS**

**NEW!**

- 3200 Viscous Fluid Cannula 28g (4mm) 16cm (6in) high pressure tube with 4mm tip
- 3201 Viscous Fluid Cannula 28g (6mm) 16cm (6in) high pressure tube with 6mm tip

Please note: Images not to scale
MicroPicks

MedOne MicroPicks are intended for lifting the edge of ILM or other retinal membranes for subsequent peeling with forceps. The pick is angled 45°, 0.8mm from the tip. It can be used for aspiration or injection. The luer lock hub enables an easy, secure connection to a backflush handle or syringe.

MVR Knives

MedOne MVR Knives are sharp and consistent, two of the most important attributes of a surgical knife. The diamond architecture of the blade tip ensures a clean, precise incision every time. The 20g MVR (3266) creates a sclerotomy for 20g instruments. The 23g MVR (3268 or 3269) can be used to create sclerotomies for use with 23g cannula systems, but will not fit through an entry cannula.

Narrow 23g MVR

Designed specifically to fit through a 23g entry cannula, this MVR can be used as a knife or a pick through an existing 23g port.

Backflush Handle

Our Backflush Handle is designed to maximize performance and ergonomic comfort. The short handle provides excellent maneuverability in the surgical field, especially around wide-field viewing systems. The grip area is designed for precise control in delicate procedures. The luer lock fitting enables a quick, easy connection with any luer-compatible cannula, including all MedOne cannulas. The removable plug allows use with active or passive aspiration.

Backflush Instruments

Backflush Instruments combine our ergonomic handle with our most popular cannulas in one convenient instrument. The instruments are available with a blunt tip cannula or a 0.75mm silicone tip, allowing easy passage through valved entry cannulas. The removable plug allows use with active or passive aspiration.
**Subretinal Cannulas**

**PolyTip® Cannulas**

The 38g PolyTip® Cannulas are rigid enough to penetrate the retina, eliminating the need to create a separate retinotomy. These products are ideal for subretinal injection. They can also be used for low volume fluid drainage, such as draining subretinal PFCL.

**Extendable PolyTip® Cannulas**

Extendable PolyTip® Cannulas feature a 38g tip that can be fully retracted for easy passage through a valved entry cannula, then extended up to 5mm in length. Shorter tubing reduces loss of injection fluid. Priming volume is approximately 0.1mL.

**Subretinal Injections**

**MicroDose™ Injection Kit**

The MedOne MicroDose™ Injection Kit adapts the viscous fluid injection (VFI) set from your vitrectomy machine to use a 1mL syringe. Ideal for low volume subretinal injections. Simply attach the kit to the VFI tubing set from the vitrectomy console and place a subretinal injection cannula on the tip. The kit allows full surgeon control of subretinal injection via console foot pedal with minimal fluid loss. Kit includes adapter and syringe. MicroDose™ Kit can be connected to the VFI tubing set from Constellation®, Stellaris® and EVA® systems.

**NEW!**

**MicroDose™ Injection Kit**

3263 Nano Cannula 25g/40g
25g x 20mm cannula tapers to 40g tip (0.06mm)

Extendable PolyTip® Cannulas 23g/38g
23g x 20mm cannula with 38g (0.12mm) x 5mm tip

**Developed in cooperation with Kazuaki Kadonosono, MD, Yokohama, Japan**

**Subretinal Cannulas**

**MicroTip Beveled Cannula**

The Micro Cannula has a 40g (0.10mm diameter) beveled tip. Metal cannula with beveled tip allows easy penetration through the retina for subretinal injection. Slight curve at tip allows great visibility of tip and easier approach angle for entry into subretinal space. Compatible with 25g entry cannulas.

**Nano Cannula**

The Nano Cannula features an all-metal, 48g beveled tip for use in subretinal procedures, providing sufficient stiffness and visibility to facilitate entry in the subretinal space or delicate structures. Compatible with 25g entry cannulas.

**Photos not to scale**

**Extendable PolyTip® Cannulas**

3248 Extendable PolyTip® Cannula 23g/38g
23g x 20mm cannula with 38g (0.12mm) tip

3247 Extendable PolyTip® Cannula 25g/38g
25g x 20mm cannula with 38g (0.12mm) tip

**PolyTip® Cannula**

3233 PolyTip® Cannula 23g/38g
23g x 20mm cannula with 38g (0.12mm) x 5mm tip

3254 PolyTip® Cannula 23g/38g
23g x 20mm cannula with 38g (0.12mm) x 2mm green tip

3219 PolyTip® Cannula 25g/38g
25g x 20mm cannula with 38g (0.12mm) x 5mm tip

3255 PolyTip® Cannula 25g/38g
25g x 20mm cannula with 38g (0.12mm) x 2mm green tip

3259 PolyTip® Cannula 27g/38g
27g x 20mm cannula with 38g (0.12mm) x 5mm tip

3256 PolyTip® Cannula 27g/38g
27g x 20mm cannula with 38g (0.12mm) x 2mm green tip

**MicroDose™ Injection Kit**

3275 MicroDose™ Injection Kit

VFI tubing and subretinal cannula not included.
**Tapered PolyTip® Cannulas**

PolyTip® Cannulas utilize an extremely thin-walled, semi-flexible tip, allowing maximum flow rate in a small diameter cannula. The luer lock hub enables a quick, secure connection to a syringe, extension tube, or infusion line.

**3218** PolyTip® Cannula 25g/31g
- 25g x 28mm cannula with 31g x 5mm tip
- Can be used for endo-drainage of macular holes.

**3262** PolyTip® Cannula 25g/33g
- 25g x 28mm cannula with 33g x 2mm tip
- Can be used for penetration through the retina, allowing drainage of subretinal fluid through a minimally traumatic drainage retinotomy. Thin wall tip has flow rate similar to a 25g soft tip but with a smaller retinotomy. Green tip allows excellent visibility.

*Developed in cooperation with Philip J. Ferrone, MD, Long Island Vitreoretinal Consultants*

**Extension Tubing**

These extension tubes can be used with any of our cannulas. Ideal for use with our Subretinal Cannulas enabling precise positioning of the cannula tip while injection is performed with the opposite hand or by an assistant.

**3223** Extension Tube [Hammer]
- 5cm (2in) Silicone tubing with male and female luer lock connections. For precise, controlled microinjections. The short, small-bore tubing has a 0.1mL priming volume for minimal fluid loss and precise delivery.

**3243** High Pressure Extension Tube
- 15cm (6in) PVC tube with male and female luer lock connections. Can be used with the VFI cannulas for injection of high viscosity liquids such as silicone oil. Small-bore tubing with 0.3mL priming volume.

**Visco Dissection Cannula**

The curved Olive Tip SC Cannula (El Rayes) is designed for injection of viscoelastic material for gentle dissection of epiretinal membranes. When extended, the curved tip allows injection parallel to the retina surface and when retracted, easy passage through entry cannulas. Female luer connector allows easy connection to syringe.

**Olive Tip SC Cannula [El Rayes]**

The curved Olive Tip SC Cannula (El Rayes) is designed for injection of fluids, primarily in the anterior suprachoroidal space. This is especially useful for injecting a filler material, such as viscoelastic, to create a buckle effect in the treatment of peripheral retinal detachments. The cannula can also be used to inject therapeutic agents or to aspirate blood or other fluids in the suprachoroidal space.

*Developed in cooperation with Ehab N. El Rayes, MD, PhD*

**3274** Visco Dissection Cannula 25g

**3311** Olive Tip SC Cannula 23g [El Rayes]

Watch a demo video on our YouTube Channel or go to www.MedOne.com.