Exactly what you’re

The little things matter. Small details can make a day in the operating room better for you and better for your patient. At MedOne, we focus on the details every day so we can provide high quality, innovative products you can rely on for your most challenging cases. Let us help you deliver the best care possible. When you have a challenge in the OR, look to MedOne.

We have exactly what you’re looking for.

- Infusion Cannulas
- Blunt-tip Cannulas
- FlexTip™ Cannulas
- FlexTip™ Brush Cannulas
- Extendable FlexTip™ Cannulas
- Olive Tip SC Cannula
- DualBore SideFlō® Cannulas
- Original Dual Bore Cannulas
- Extension Tube
- Tapered PolyTip® Cannulas
- Subretinal PolyTip® Cannulas
- Extendable PolyTip® Cannulas
- Viscous Fluid Infusion Cannulas
- VFI Infusion Cannulas
- Viscous Fluid Injection Cannulas
- High Pressure Extension Tube
- Oil Removal Cannula
- Backflush Handles
- Backflush Instruments
- AdvantEdge® MVR Knives
- MicroPicks
- Index by Gauge

Product images on the box label and inner packaging make it quick and easy to identify the product inside.
looking for

Infusion Cannulas

The thin-walled 20g Infusion Cannula achieves maximum flow rate during infusion of water 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.

- **3202** Infusion Cannula (4mm) 20g
  25cm (10in) silicone tube with 4mm tip
- **3203** Infusion Cannula (6mm) 20g
  25cm (10in) silicone tube with 6mm tip

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.

- **3214** Cannula (20g)
  20g x 28mm
- **3205** XL Cannula (20g)
  20g x 36mm
- **3234** Cannula (23g)
  23g x 32mm
- **3206** XL Cannula (23g)
  23g x 36mm
- **3225** Cannula (25g)
  25g x 32mm
- **3207** XL Cannula (25g)
  25g x 36mm
- **3257** Cannula (27g)
  27g x 32mm
FlexTip™ Cannulas

FlexTip™ Cannulas have soft, flexible, high-flow silicone tips, allowing gentle access to the retina. They are ideal for aspiration of fluid from beneath or from the surface of the retina. Longer silicone tips are ideal for drainage of subretinal fluid through an existing tear or break. XL cannulas offer increased overall length for improved access to the retina in patients with high myopia or longer eyes. The luer lock hub enables an easy, secure connection to a backflush handle or other aspiration device.

FlexTip™ Brush Cannulas

The soft silicone brush tip allows gentle brushing and manipulation of the retina. Excellent for removal of blood from the retina surface.
Extendable FlexTip™ Cannulas

Extendable FlexTip™ Cannulas use soft silicone tubing that can be extended up to 7mm in length. The tip can also be fully retracted for easy entry through valved cannula systems. The sliding reservoir allows reflux even when the cannula is fully extended. This product is excellent for subretinal drainage, especially in cases with fluid in the retinal periphery away from a tear. Product includes a removable plug to enable either active or passive aspiration.

- 3279  Extendable FlexTip™ Cannula (20g)
- 3299  Extendable FlexTip™ Cannula (23g)
- 3298  Extendable FlexTip™ Cannula (25g)

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. A scleral incision is created to expose the choroid. Then the rounded, atraumatic olive tip can be inserted into the suprachoroidal space. The cannula can be gently advanced to the treatment target. This is especially useful in the treatment of peripheral retinal detachments. In these cases, a filler material such as viscoelastic can be injected in the suprachoroidal space to create a buckle effect to treat the detachment. The cannula can also be used to inject therapeutic agents or to aspirate blood or other fluids in the suprachoroidal space.

Visit our web page for more information and to see videos about the suprachoroidal buckle technique.

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

3311 Olive Tip SC Cannula (El Rayes)
See it in motion at www.MedOne.com
DualBore SideFlō® Cannulas

The MedOne DualBore SideFlō® Cannula is optimized for injection of PFCL, staining dyes, or other liquids in small-gauge vitrectomy surgery. It is designed to increase safety by using a side port for fluid injection, eliminating the possibility of retinal injury caused by a fluid jet stream. Multiple fluid egress vents double the outflow over the previous design for faster pressure relief during injection. The all-metal exterior enables easy entry through valved cannula systems. MedOne’s filled hub design decreases air bubbles during PFCL injection so you can complete the case without interruption.

Original Dual Bore Cannulas

MedOne coaxial Dual Bore Cannulas allow injection of a fluid, such as perfluorocarbon or staining dye, through the central lumen while simultaneously enabling pressure release via passive egress of fluid through a vent hole in the outer lumen. MedOne utilizes an extremely thin-walled inner cannula for an excellent flow rate, even in 25g cases. The inner cannula extends 3mm beyond the outer cannula.

Overall length: 31mm

- 3237 Dual Bore Cannula (20g)
- 3239 Dual Bore Cannula (23g)
- 3240 Dual Bore Cannula (25g)

Extension Tube

This short silicone extension tube can be used with any of our cannulas for precise, controlled microinjections. It is ideal for use with our subretinal PolyTip® Cannulas, enabling precise positioning of the cannula tip while injection is performed with the opposite hand or by an assistant. The short, small-bore tube has a 0.2mL priming volume for minimal fluid loss and precise delivery.

3223 Extension Tube (Hammer)
5cm (2in) silicone tube with male and female luer lock connectors
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 25/31g
  25g x 28mm cannula with 31g x 5mm tip
  31g tip can be used for endo-drainage of macular holes

Subretinal PolyTip® Cannulas

The 38g microtip is ideal for subretinal injection. The tip is rigid enough to penetrate the retina, eliminating the need to create a separate retinotomy.

- **3236** PolyTip® Cannula 20/38g
  20g x 28mm cannula with 38g (0.12mm) x 5mm tip
- **3233** PolyTip® Cannula 23/38g
  23g x 28mm cannula with 38g (0.12mm) x 5mm tip
- **3219** PolyTip® Cannula 25/38g
  25g x 28mm cannula with 38g (0.12mm) x 5mm tip
- **3259** PolyTip® Cannula 27/38g
  27g x 32mm cannula with 38g (0.12mm) x 5mm tip

Extendable PolyTip® Cannulas

Extendable PolyTip® Cannulas feature a 38g microtip, ideal for subretinal injection. The tip is rigid enough to penetrate the retina, eliminating the need to create a separate retinotomy. The 38g tip can be fully retracted for easy insertion through a valved cannula, then extended up to 5mm in length. Shorter tubing reduces loss of injection fluid. Priming volume is approximately 0.1mL.

- **3249** Extendable PolyTip® Cannula 20/38g
  20g x 28mm cannula with 38g (0.12mm) tip
- **3248** Extendable PolyTip® Cannula 23/38g
  23g x 28mm cannula with 38g (0.12mm) tip
- **3247** Extendable PolyTip® Cannula 25/38g
  25g x 28mm cannula with 38g (0.12mm) tip
Viscous Fluid Infusion Cannulas

Our Viscous Fluid Infusion Cannulas feature a thin-walled, high-flow cannula tip and high-pressure tubing that allows quick injection of silicone oil. The same cannula can be used to infuse both BSS and silicone oil during a case. The green flange offers enhanced visibility during suturing. The luer lock hub enables an easy, secure connection to the infusion line.

- **3200** Viscous Fluid Cannula (4mm) 20g (Hammer)
  16cm (6in) high pressure tube with 4mm tip

- **3201** Viscous Fluid Cannula (6mm) 20g (Hammer)
  16cm (6in) high pressure tube with 6mm tip

Viscous Fluid Infusion Cannulas

VFI 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 same 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.

- **3246** VFI Infusion Cannula (23g)
- **3245** VFI Infusion Cannula (25g)
VFI Cannulas

MedOne VFI Cannulas utilize an extremely thin-walled tube, allowing injection of heavy 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.

- **3235** PolyTip® VFI Cannula (23g) 7mm
  23g x 7mm

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

- **3226** PolyTip® VFI Cannula (25g)
  25g x 7mm

- **3273** VFI Cannula (27g)
  27g x 1mm

**High Pressure Extension Tube**
16cm (6in) PVC tube with male and female luer lock connections. This can be used with the cannulas shown above for injection of heavy liquids such as silicone oil.

Oil Removal Cannula (Kapran)

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. Attach a syringe and aspirate the oil using a standard syringe or pump system.

*Developed in cooperation with Ziya Kapran, MD*

- **3300** Oil Removal Cannula (23g) Kapran
  System includes handle, trocar cannula, and adaptor tubing

See it in motion at www.MedOne.com
Backflush Handles

Our Backflush Handles are 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 unique “bubble” style reservoir allows excellent reflux capability. Can also be used as a Charles Flute handle by removing the silicone bubble. The luer lock fitting enables a quick, easy connection with any luer-compatible cannula, including all MedOne cannulas.

3227 Backflush Handle Passive
3228 Backflush Handle Active

Backflush Instruments

Backflush Instruments combine our high-precision ergonomic handle with our most popular cannulas into one convenient instrument. Put aspiration control at the tip of your finger.

- Backflush Cannula products have a blunt-tip cannula for general aspiration.
- Backflush FlexTip™ products have a soft 1mm silicone tip for aspiration at the retina surface.
- Backflush Brush products have a soft 1.5mm silicone brush tip for gentle brushing and manipulation of the retina.

- 3280 Backflush Cannula (20g) Passive
- 3281 Backflush FlexTip™ 1mm (20g) Passive
- 3282 Backflush Brush (20g) Passive
- 3284 Backflush FlexTip™ 1mm (20g) Active
- 3286 Backflush Cannula (23g) Passive
- 3287 Backflush FlexTip™ 1mm (23g) Passive
- 3288 Backflush Brush (23g) Passive
- 3290 Backflush FlexTip™ 1mm (23g) Active
- 3291 Backflush Brush (23g) Active
- 3293 Backflush FlexTip™ 1mm (25g) Passive
- 3296 Backflush FlexTip™ 1mm (25g) Active
- 3277 Backflush FlexTip™ 1mm (27g) Passive
- 3278 Backflush FlexTip™ 1mm (27g) Active

Photos not to scale
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 fluid-tight seal 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.

- 3266  AdvantEdge® MVR Knife (20g)
- 3268  AdvantEdge® MVR Knife (23g)
- 3269  AdvantEdge® MVR Knife (23g) Angled

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.

- 3272  AdvantEdge® MVR Knife (23g) Narrow

MicroPicks

This sharp pick is intended for lifting the edge of ILM or other retinal membranes for an improved grip with forceps. The pick is angled 45° 0.5mm 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.

- 3229  MicroPick (23g)
  23g x 32mm
- 3204  MicroPick (25g)
  25g x 32mm
20 Gauge Products
3200 Viscous Fluid Cannula (4mm) Hammer
3201 Viscous Fluid Cannula (6mm) Hammer
3202 Infusion Cannula (4mm)
3203 Infusion Cannula (6mm)
3205 XL Cannula
3208 FlexTip™ Cannula XL (3mm tip)
3211 FlexTip™ Cannula (6mm tip)
3214 Cannula
3215 FlexTip™ Brush (1mm tip)
3236 PolyTip® Cannula 20/38g
3237 Dual Bore Cannula
3238 FlexTip™ Cannula (1mm tip)
3249 Extendable PolyTip® Cannula 20/38g
3266 AdvantEdge® MVR Knife
3279 Extendable FlexTip™ Cannula (Active)
3280 Backflush Cannula (Passive)
3281 Backflush FlexTip™ Cannula 1mm (Passive)
3282 Backflush FlexTip™ Brush (Passive)
3284 Backflush FlexTip™ Cannula 1mm (Active)
3206 XL Cannula
3209 FlexTip™ Cannula XL (3mm tip)
3229 MicroPick
3230 FlexTip™ Cannula (1mm tip)
3231 FlexTip™ Cannula (3mm tip)
3232 FlexTip™ Brush (1.5mm tip)
3233 PolyTip® Cannula 23/38g
3234 Cannula
3235 PolyTip® VFI Cannula 7mm
3239 Dual Bore Cannula
3241 PolyTip® VFI Cannula 10mm
3242 FlexTip™ Cannula (5mm tip)
3246 VFI Infusion Cannula
3248 Extendable PolyTip® Cannula 23/38g
3268 AdvantEdge® MVR Knife
3269 AdvantEdge® MVR Knife (Angled)
3272 AdvantEdge® MVR Knife (Narrow)
3286 Backflush Cannula (Passive)
3287 Backflush FlexTip™ Cannula 1mm (Passive)
3288 Backflush FlexTip™ Brush (Passive)
3290 Backflush FlexTip™ Cannula 1mm (Active)
3291 Backflush FlexTip™ Brush (Active)
3299 Extendable FlexTip™ Cannula (Active)
3300 Oil Removal Cannula (Kapran)
3423 DualBore SideFlō® Cannula

23 Gauge Products
3200 Viscous Fluid Cannula (4mm) Hammer
3201 Viscous Fluid Cannula (6mm) Hammer
3202 Infusion Cannula (4mm)
3203 Infusion Cannula (6mm)
3205 XL Cannula
3208 FlexTip™ Cannula XL (3mm tip)
3211 FlexTip™ Cannula (6mm tip)
3214 Cannula
3215 FlexTip™ Brush (1mm tip)
3236 PolyTip® Cannula 20/38g
3237 Dual Bore Cannula
3238 FlexTip™ Cannula (1mm tip)
3249 Extendable PolyTip® Cannula 20/38g
3266 AdvantEdge® MVR Knife
3279 Extendable FlexTip™ Cannula (Active)
3280 Backflush Cannula (Passive)
3281 Backflush FlexTip™ Cannula 1mm (Passive)
3282 Backflush FlexTip™ Brush (Passive)
3284 Backflush FlexTip™ Cannula 1mm (Active)
3206 XL Cannula
3209 FlexTip™ Cannula XL (3mm tip)
3229 MicroPick
3230 FlexTip™ Cannula (1mm tip)
3231 FlexTip™ Cannula (3mm tip)
3232 FlexTip™ Brush (1.5mm tip)
3233 PolyTip® Cannula 23/38g
3234 Cannula
3235 PolyTip® VFI Cannula 7mm
3239 Dual Bore Cannula
3241 PolyTip® VFI Cannula 10mm
3242 FlexTip™ Cannula (5mm tip)
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3248 Extendable PolyTip® Cannula 23/38g
3268 AdvantEdge® MVR Knife
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25 Gauge Products
3200 Viscous Fluid Cannula (4mm) Hammer
3201 Viscous Fluid Cannula (6mm) Hammer
3202 Infusion Cannula (4mm)
3203 Infusion Cannula (6mm)
3205 XL Cannula
3208 FlexTip™ Cannula XL (3mm tip)
3211 FlexTip™ Cannula (6mm tip)
3214 Cannula
3215 FlexTip™ Brush (1mm tip)
3236 PolyTip® Cannula 20/38g
3237 Dual Bore Cannula
3238 FlexTip™ Cannula (1mm tip)
3249 Extendable PolyTip® Cannula 20/38g
3266 AdvantEdge® MVR Knife
3279 Extendable FlexTip™ Cannula (Active)
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3281 Backflush FlexTip™ Cannula 1mm (Passive)
3282 Backflush FlexTip™ Brush (Passive)
3284 Backflush FlexTip™ Cannula 1mm (Active)
3206 XL Cannula
3209 FlexTip™ Cannula XL (3mm tip)
3229 MicroPick
3230 FlexTip™ Cannula (1mm tip)
3231 FlexTip™ Cannula (3mm tip)
3232 FlexTip™ Brush (1.5mm tip)
3233 PolyTip® Cannula 23/38g
3234 Cannula
3235 PolyTip® VFI Cannula 7mm
3239 Dual Bore Cannula
3241 PolyTip® VFI Cannula 10mm
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3291 Backflush FlexTip™ Brush (Active)
3299 Extendable FlexTip™ Cannula (Active)
3300 Oil Removal Cannula (Kapran)
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27 Gauge Products
3200 Viscous Fluid Cannula (4mm) Hammer
3201 Viscous Fluid Cannula (6mm) Hammer
3202 Infusion Cannula (4mm)
3203 Infusion Cannula (6mm)
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3231 FlexTip™ Cannula (3mm tip)
3232 FlexTip™ Brush (1.5mm tip)
3233 PolyTip® Cannula 23/38g
3234 Cannula
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3288 Backflush FlexTip™ Brush (Passive)
3290 Backflush FlexTip™ Cannula 1mm (Active)
3291 Backflush FlexTip™ Brush (Active)
3299 Extendable FlexTip™ Cannula (Active)
3300 Oil Removal Cannula (Kapran)
3423 DualBore SideFlō® Cannula

Other Products
3223 Extension Tube (Hammer)
3227 Backflush Handle (Passive)
3228 Backflush Handle (Active)
3243 High Pressure Extension Tube
3311 Olive Tip SC Cannula (El Rayes)