



Exactly what you're looking for



High Quality Instruments for Vitreoretinal Surgery

Exactly what you're

For over a decade, MedOne has been helping retina surgeons around the world conquer complex surgical challenges with innovative, high quality products, delivered through fast and friendly customer service. When you have a challenging case, look to MedOne. We have **Exactly what you're looking for.**

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

(Actual size)



looking for

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 .9mm
- 3208 FlexTip™ Cannula XL .9mm (3mm tip)
- 3211 FlexTip™ Cannula .9mm (6mm tip)
- 3212 FlexTip™ Cannula .9mm (Curved)
- 3214 Cannula .9mm
- 3215 FlexTip™ Brush .9mm (1mm tip)
- 3216 FlexTip™ Brush .9mm (3mm tip)
- 3217 Viscous Fluid Cannula .9mm
- 3236 PolyTip® Cannula 20g/38g
- 3237 Dual Bore Cannula .9mm
- 3238 FlexTip™ Cannula .9mm (1mm tip)
- 3249 Extendable PolyTip® Cannula 20g/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)

25 Gauge Products

- 3204 MicroPick .5mm
- 3207 XL Cannula .5mm
- 3210 FlexTip™ Cannula XL .5mm (3mm tip)
- 3218 PolyTip® Cannula 25g/31g
- 3219 PolyTip® Cannula 25g/38g
- 3220 FlexTip™ Cannula .5mm (3mm tip)
- 3221 FlexTip™ Cannula .5mm (1mm tip)
- 3222 FlexTip™ Brush .5mm (1.5mm tip)
- 3224 FlexTip™ Cannula .5mm (5mm tip)
- 3225 Cannula .5mm
- 3226 PolyTip® VFI Cannula 7mm
- 3240 Dual Bore Cannula .5mm
- 3245 VFI Infusion Cannula .5mm
- 3247 Extendable PolyTip® Cannula 25g/38g
- 3293 Backflush FlexTip™ Cannula 1mm (Passive)
- 3296 Backflush FlexTip™ Cannula 1mm (Active)
- 3298 Extendable FlexTip™ Cannula (Active)

23 Gauge Products

- 3206 XL Cannula .6mm
- 3209 FlexTip™ Cannula XL .6mm (3mm tip)
- 3229 MicroPick .6mm
- 3230 FlexTip™ Cannula .6mm (1mm tip)
- 3231 FlexTip™ Cannula .6mm (3mm tip)
- 3232 FlexTip™ Brush .6mm (1.5mm tip)
- 3233 PolyTip® Cannula 23g/38g
- 3234 Cannula .6mm
- 3235 PolyTip® VFI Cannula 7mm
- 3239 Dual Bore Cannula .6mm
- 3241 PolyTip® VFI Cannula 10mm
- 3242 FlexTip™ Cannula .6mm (5mm tip)
- 3246 VFI Infusion Cannula .6mm
- 3248 Extendable PolyTip® Cannula 23g/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)

27 Gauge Products

- 3257 Cannula .4mm
- 3258 FlexTip™ Cannula .4mm (1mm tip)
- 3259 PolyTip® Cannula 27g/38g
- 3277 Backflush FlexTip™ 1mm (Passive)
- 3278 Backflush FlexTip™ 1mm (Active)

Other Products

- 3223 Extension Tube (Hammer)
- 3227 Backflush Handle (Passive)
- 3228 Backflush Handle (Active)
- 3243 High Pressure Extension Tube

Blunt-Tip Cannulas

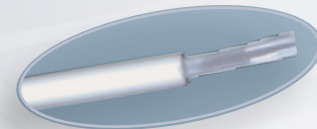
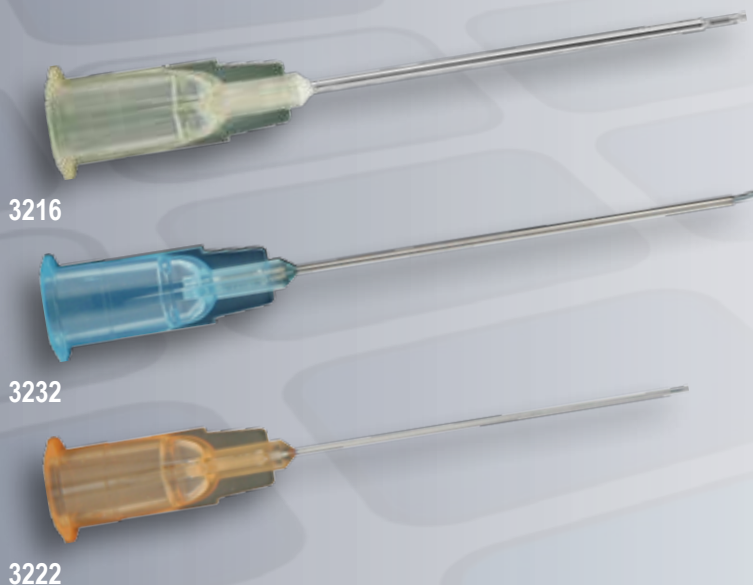
Blunt, thin-walled cannulas are intended for general injection or aspiration. XL cannulas offer increased overall length for easier access in patients with high myopia or longer eyes. The thin wall allows a high flow rate. The luer lock hub enables easy, secure connection to a backflush handle or syringe.



- 3214 Cannula .9mm (20g)**
.9mm (20g) x 28mm
- 3205 XL Cannula .9mm (20g)**
.9mm (20g) x 36mm
- 3234 Cannula .6mm (23g)**
.6mm (23g) x 32mm
- 3206 XL Cannula .6mm (23g)**
.6mm (23g) x 36mm
- 3225 Cannula .5mm (25g)**
.5mm (25g) x 32mm
- 3207 XL Cannula .5mm (25g)**
.5mm (25g) x 36mm
- 3257 Cannula .4mm (27g)**
.4mm (27g) x 32mm

FlexTip™ Brush Cannulas

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



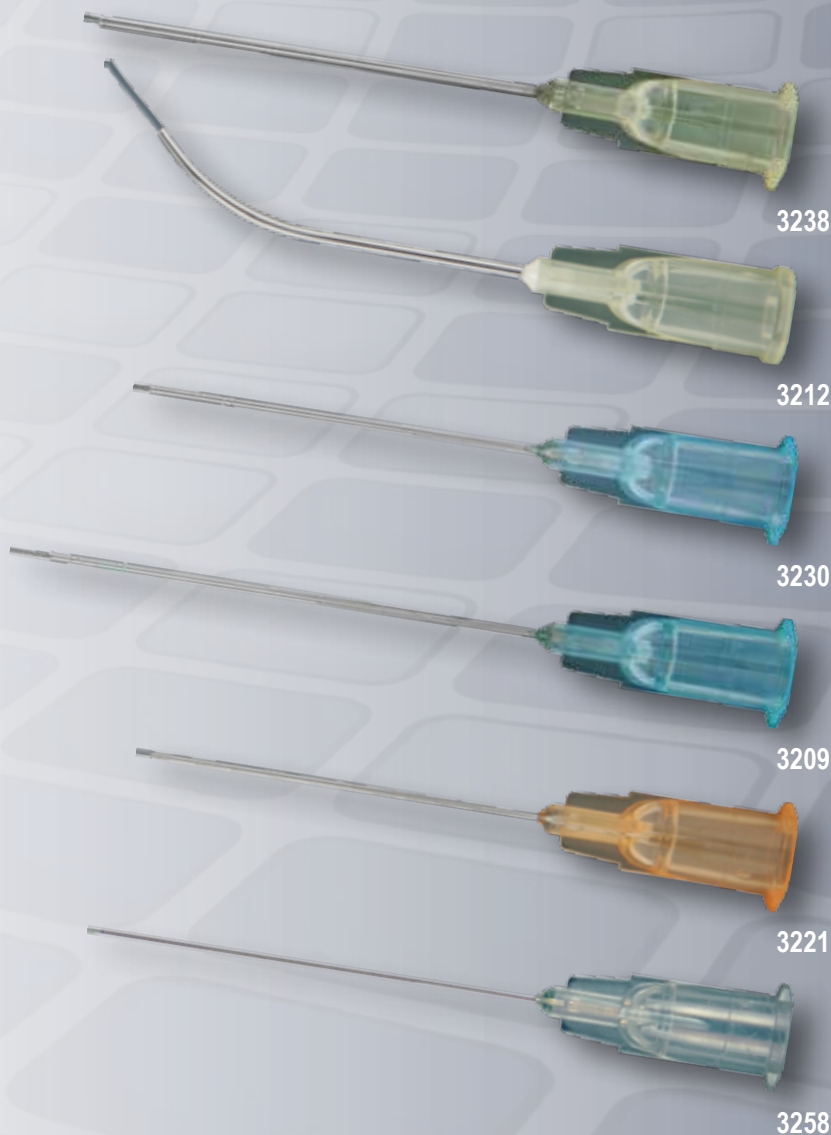
- 3215 FlexTip™ Brush .9mm (20g) 1mm**
.9mm (20g) x 32mm cannula with 1mm brush tip
- 3216 FlexTip™ Brush .9mm (20g) 3mm**
.9mm (20g) x 28mm cannula with 3mm brush tip
- 3232 FlexTip™ Brush .6mm (23g) 1.5mm**
.6mm (23g) x 32mm cannula with 1.5mm brush tip
- 3222 FlexTip™ Brush .5mm (25g) 1.5mm**
.5mm (25g) x 32mm cannula with 1.5mm brush tip

Photos not to scale

FlexTip™ Cannulas

FlexTip™ cannulas use soft, flexible, high-flow silicone tips, allowing gentle access to the retina. They are ideal for aspiration of fluid from on or beneath the surface of the retina. Longer silicone tips are ideal for drainage of subretinal fluid from peripheral detachments 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 allows an easy, secure connection to a backflush handle or other aspiration device.

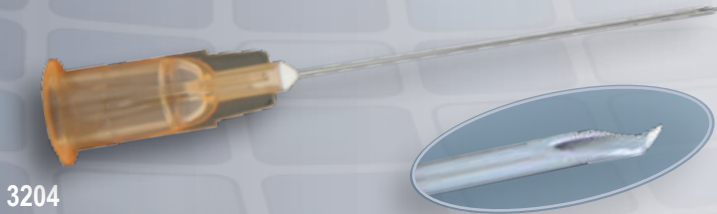
- 3238 FlexTip™ Cannula .9mm (20g) 1mm**
.9mm (20g) x 32mm cannula with 1mm tip
- 3211 FlexTip™ Cannula .9mm (20g) 6mm**
.9mm (20g) x 28mm cannula with 6mm tip
- 3212 FlexTip™ Cannula .9mm (20g) Curved**
.9mm (20g) x 28mm curved cannula with 6mm tip
- 3208 FlexTip™ Cannula XL .9mm (20g) 3mm**
.9mm (20g) x 36mm cannula with 3mm tip
- 3230 FlexTip™ Cannula .6mm (23g) 1mm**
.6mm (23g) x 32mm cannula with 1mm tip
- 3231 FlexTip™ Cannula .6mm (23g) 3mm**
.6mm (23g) x 32mm cannula with 3mm tip
- 3242 FlexTip™ Cannula .6mm (23g) 5mm**
.6mm (23g) x 32mm cannula with 5mm tip
- 3209 FlexTip™ Cannula XL .6mm (23g) 3mm**
.6mm (23g) x 36mm cannula with 3mm tip
- 3221 FlexTip™ Cannula .5mm (25g) 1mm**
.5mm (25g) x 32mm cannula with 1mm tip
- 3220 FlexTip™ Cannula .5mm (25g) 3mm**
.5mm (25g) x 32mm cannula with 3mm tip
- 3224 FlexTip™ Cannula .5mm (25g) 5mm**
.5mm (25g) x 32mm cannula with 5mm tip
- 3210 FlexTip™ Cannula XL .5mm (25g) 3mm**
.5mm (25g) x 36mm cannula with 3mm tip
- 3258 FlexTip™ Cannula .4mm (27g) 1mm**
.4mm (27g) x 32mm cannula with 1mm tip
Excellent for endo-drainage of macular holes



Photos not to scale

MicroPicks

This sharp pick is intended for lifting the edge of ILM or other retinal membranes to allow easier grasping with forceps. The pick is angled 45 degrees .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 .6mm (23g)
.6mm (23g) x 32mm

3204 MicroPick .5mm (25g)
.5mm (25g) x 32mm

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



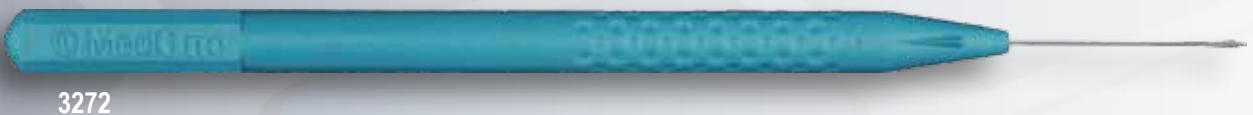
3266

3269

Narrow 23g MVR

Designed specifically to fit through a 23g entry cannula, this MVR can be used as a knife or a pick while using a 23g trocar entry system.

3272 AdvantEdge® MVR Knife (23g) Narrow



3272

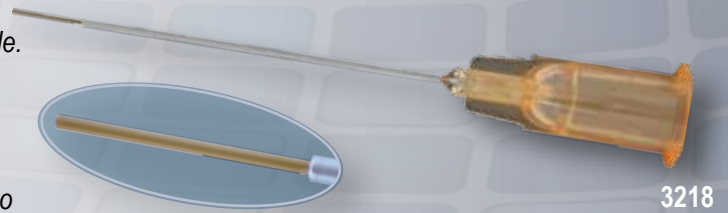
Photos not to scale

Tapered PolyTip® Cannulas

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

31g tip is excellent for fluid aspiration or endodrainage of a macular hole.

- 3218 PolyTip® Cannula 25/31g**
.5mm (25g) x 28mm cannula with .26mm (31g) x 5mm tip



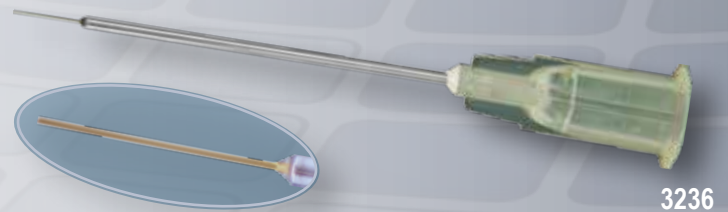
38g microtip is ideal for subretinal injection. The tip is rigid enough to penetrate the retina without prior retinotomy.

- 3236 PolyTip® Cannula 20/38g**
.9mm (20g) x 28mm cannula with .12mm (38g) x 5mm tip

- 3233 PolyTip® Cannula 23/38g**
.6mm (23g) x 28mm cannula with .12mm (38g) x 5mm tip

- 3219 PolyTip® Cannula 25/38g**
.5mm (25g) x 28mm cannula with .12mm (38g) x 5mm tip

- 3259 PolyTip® Cannula 27/38g**
.4mm (27g) x 28mm cannula with .12mm (38g) x 5mm tip



This short silicone extension tube can be used with any of our cannulas to allow precise, controlled microinjections. It is ideal for use with our tapered PolyTip® cannulas for subretinal injection, 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 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



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 allowing 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 for 25g cases. The inner cannula extends 3mm beyond the outer cannula. Overall length: 31mm

- 3237 Dual Bore Cannula .9mm (20g)**

- 3239 Dual Bore Cannula .6mm (23g)**

- 3240 Dual Bore Cannula .5mm (25g)**



Photos not to scale

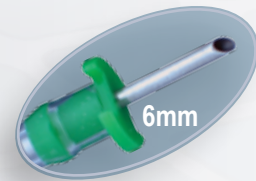
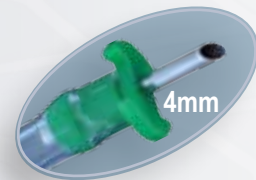
Viscous Fluid Infusion Cannulas

Our viscous fluid infusion cannulas feature a thin-walled, high-flow cannula tip and high-pressure tubing that allows quick injection of silicone oil in 20g surgeries. The 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 easy, secure connection to the infusion line.



3200 Viscous Fluid Cannula (4mm) 20g (Hammer)

3201 Viscous Fluid Cannula (6mm) 20g (Hammer)
16cm (6in) high pressure PVC tube for infusion of heavy liquids



Infusion Cannulas

Thin-walled .9mm (20g) cannula allows maximum flow rate. 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 allows an easy, secure connection to the infusion line.



3202 Infusion Cannula (4mm) 20g

3203 Infusion Cannula (6mm) 20g
25cm (10in) silicone tube for infusion of water or gas

Photos not to scale

VFI Infusion Cannulas

VFI infusion cannulas can be inserted into a 23g or 25g entry cannula and will self-retain using the silicone fitting at the tip. The self-retaining feature allows bi-manual surgery during oil fill in small gauge cases. The cannula can be used to infuse both BSS and silicone oil during a case. Ideal for PFO-to-silicone oil exchange cases.

3245 VFI Infusion Cannula (25g) .5mm

3246 VFI Infusion Cannula (23g) .6mm



Viscous Fluid Injection Cannulas

PolyTip® VFI cannulas utilize an extremely thin-walled tube, allowing injection of heavy fluids such as silicone oil through 23g or 25g entry cannulas. The luer lock hub can be connected to a syringe, extension tube, or injection system.

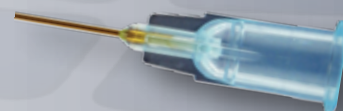
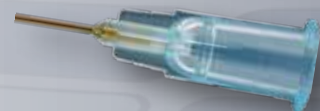
3235 PolyTip® VFI Cannula (23g) 7mm
.6mm (23g) x 7mm

3241 PolyTip® VFI Cannula (23g) 10mm
.6mm (23g) x 10mm
10mm cannula length allows for improved access across the eye and visualization of the cannula tip during use

3226 PolyTip® VFI Cannula (25g)
.5mm (25g) x 7mm

3217 Viscous Fluid Cannula .9mm (20g)
.9mm (20g) x 8mm

3243 High Pressure Extension Tube
16mm (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.



Photos not to scale

Backflush Handles

Our backflush handles are designed to maximize performance and ergonomic comfort. The short handle allows excellent maneuverability in the surgical field, especially around wide field viewing systems. The grip area is designed for precise control in delicate procedures. A unique, large reservoir allows excellent reflux capability.

3227
Passive
Aspiration

3228
Active
Aspiration

Luer lock fitting allows 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 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.

3286

3290

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

Extendable Instruments

Our extendable instruments use an ergonomic handle design with a sliding mechanism, allowing you to extend and retract the cannula tip. The product is available as an extendable silicone FlexTip™ cannula or an extendable 38g PolyTip® cannula. This allows the surgeon to have control over the length of the cannula for different surgical situations. The cannula tip can be fully retracted inside the metal tube, making entry through valved cannula systems smooth and easy.

Extendable FlexTip™ Cannulas

Extendable FlexTip™ cannulas use soft silicone tubing that can be extended up to 7mm in length. The sliding reservoir allows reflux even when the cannula is extended. This product is excellent for subretinal drainage, especially in cases with fluid in the retinal periphery, away from a tear. Products include a removable plug to allow active or passive aspiration.

3279 Extendable FlexTip™ Cannula (20g)

3299 Extendable FlexTip™ Cannula (23g)

3298 Extendable FlexTip™ Cannula (25g)

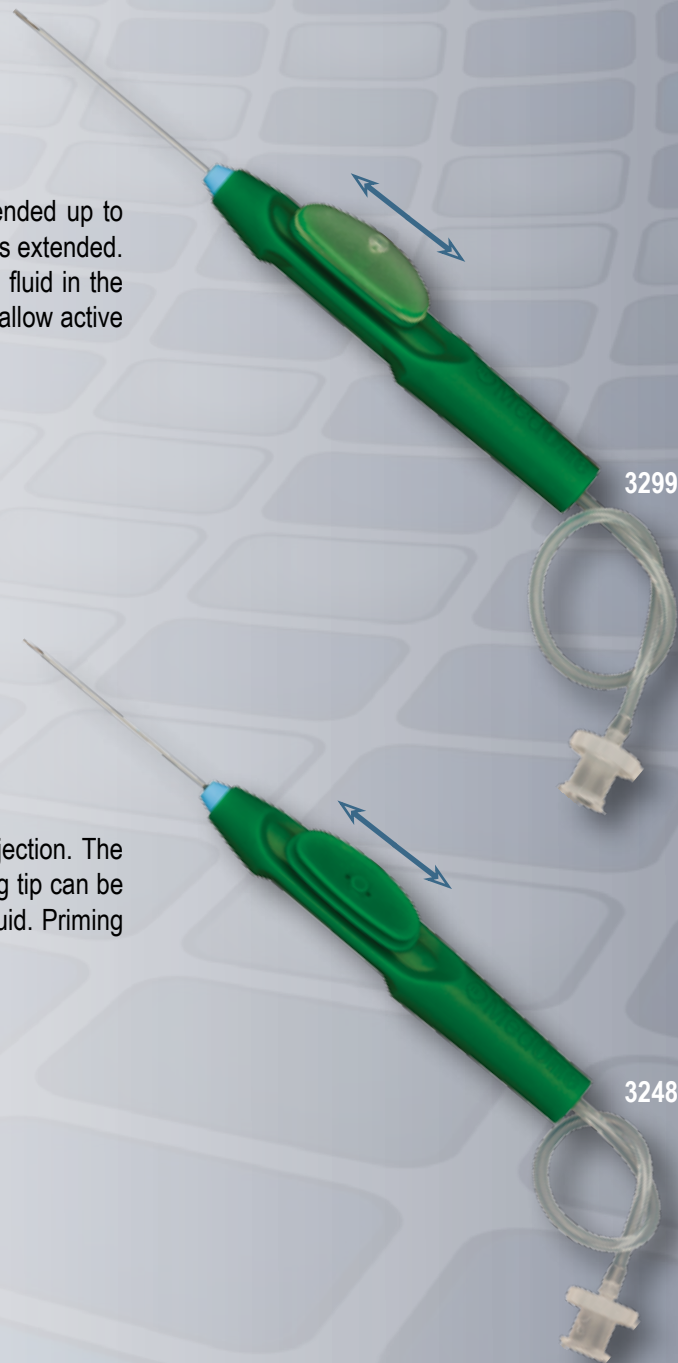
Extendable PolyTip® Cannulas

Extendable PolyTip® cannulas use a 38g microtip, ideal for subretinal injection. The tip is rigid enough to penetrate the retina without prior retinotomy. The 38g tip can be 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
.9mm (20g) x 28mm cannula with .12mm (38g)

3248 Extendable PolyTip® Cannula 23/38g
.6mm (23g) x 28mm cannula with .12mm (38g)

3247 Extendable PolyTip® Cannula 25/38g
.5mm (25g) x 28mm cannula with .12mm (38g)



Photos not to scale



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