

## Peribulbar Anesthesia

### Peribulbar [Atkinson]

Indicated for injecting anesthetic agents around the globe (periocular). 10 per box.

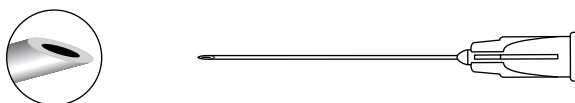


Item #	Description
585145	.40 x 22 mm (27G x 7/8 in)
585027	.50 x 22 mm (25G x 7/8 in)
585144	.60 x 22 mm (23G x 7/8 in)

## Retrobulbar Anesthesia

### Retrobulbar [Atkinson]

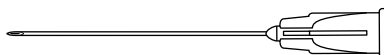
Indicated for injecting anesthetic agents into the muscle cone. 10 per box.



Item #	Description
581637	.50 x 38 mm (25G x 1 1/2 in)
581638	.60 x 38 mm (23G x 1 1/2 in)

### Retrobulbar (Sharp) [Atkinson]

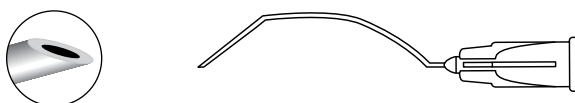
10 per box.



Item #	Description
581640	.60 x 38 mm (23G x 1 1/2 in)
581641	.50 x 38 mm (25G x 1 1/2 in)

### Retrobulbar, Curved [Atkinson/Straus]

Designed to course around the globe and enter the anterior region of the muscle cone inferotemporal and parallel to the optic nerve. Straight portion 11 mm, curved portion 22 mm. 10 per box.



Item #	Description
585019	.50 x 34 mm (25G x 1 3/8 in)*

\*Dimensions after bending.

### Retrobulbar (Sharp Point)

Indicated for injecting anesthetic agents into the muscle cone. 10 per box.

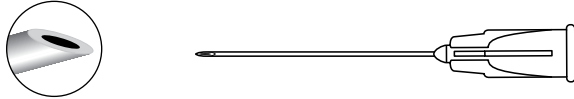


Item #	Description
581275	.50 x 38 mm (25G x 1 1/2 in)

## Retrobulbar/Peribulbar Anesthesia

### Retrobulbar/Peribulbar [Atkinson]

10 per box.



Item #	Description
585109	.40 x 32 mm (27G x 1 1/4 in)
585108	.50 x 32 mm (25G x 1 1/4 in)
585001	.60 x 32 mm (23G x 1 1/4 in)

## Sub-Tenon's Anesthesia

### Sub-Tenon's Anesthesia Cannula

Designed for administering anesthetic agents into the posterior sub-Tenon's space. 10 per box.



Item #	Description
585176	1.10 x 25 mm (19G x 1 in), curved to a radius of 30 mm and flattened to .65 mm.

## Capsule Polishers

### Flexible Tip Cannula

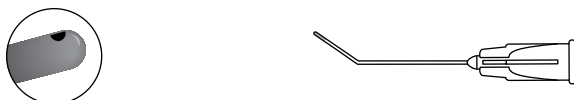
45 degrees, 7 mm from end. 10 mm sleeve. 10 per box.



Item #	Description
585005	.40 x 22 mm (27G x 7/8 in)
585041	.60 x 22 mm (23G x 7/8 in)

### Capsule Polisher [Kratz]

.30 mm top port, 35 degrees, 9 mm from end; micro-etched 3 mm from end. 10 per box.



Item #	Description
581605	.60 x 22 mm (23G x 7/8 in)
581604	.80 x 22 mm (21G x 7/8 in)

### Capsule Polisher

.50 mm open end port, 30 degrees, 3 mm from end; micro-etched 5 mm from end. 10 per box.



Item #	Description
581614	.80 x 22 mm (21G x 7/8 in)

### Posterior Scraper [Simcoe]

.33 mm open end port, 60 degrees, 7 mm from end; micro-etched end. 10 per box.



Item #	Description
581645	.60 x 22 mm (23G x 7/8 in)

## Visitec® Capsule Polishing and Cortex Removal

### Olive Tip Polisher [Pearce]

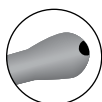
.30 mm top port, 30 degrees, 10 mm from end; micro-etched 3 mm from end. Olive shape tip is 3 mm long x 1.5 mm wide. 3 per box.



Item #	Description
585095	.50 x 24 mm (25G x 15/16 in)

### Olive Tip Polisher

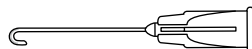
.33 mm end port, 30 degrees, 10 mm from end; micro-etched 2 mm from end. Olive shape tip is 2 mm long x 1 mm wide. 10 per box.



Item #	Description
585143	.60 x 25 mm (23G x 1 in)

### J Shape Cannula [Thornton]

.30 mm open end port. Hook 2.75 mm long x 2.5 mm wide. Slightly micro etched on back of J shape end for capsule polishing. May also be used for aspiration of cortex from superior iris between the 10-2 o'clock meridian. 10 per box.

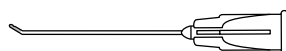
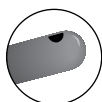


Item #	Description
585123	.55 x 22 mm (24G X 7/8 in)

## Cortex Extractors

### Cortex Extractor [Blumenthal]

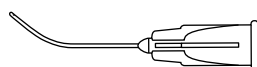
.40 mm top port, thin wall cannula, 30 degrees, 2 mm from end; micro-etched 2 mm from end. May also be useful for capsule polishing. 10 per box.



Item #	Description
585227	.60 x 23.5 mm (23G x 15/16 in)

### Cortex Extractor

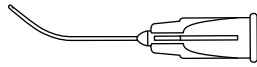
.40 mm top port. Thin wall cannula. 10 per box.



Item #	Description
585193	.60 x 16 mm (23G x 5/8 in)

### Cortex Extractor

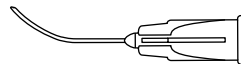
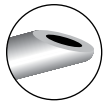
.30 mm top port. 10 per box.



Item #	Description
585075	.60 mm x 16 mm (23G x 5/8 in)
581625	.80 x 16 mm (21G x 5/8 in)

### Cortex Extractor [Charleux]

.30 mm end port angled 10 degrees. Flat end opening has rounded edges. 10 per box.

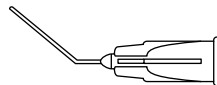
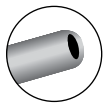


Item #	Description
585106	.55 x 12.5 mm (24G x 1/2 in)

## Cortical Cleaving Hydrodissection Cannulas

### Cortical Cleaving Hydrodissector [Grabow]

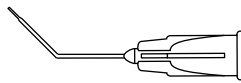
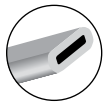
40 degrees, 12 mm from end. .30 mm cannula helps create a cleavage plane between the capsule and cortex. 10 per box.



Item #	Description
585197	.30 x 16 mm (30G x 5/8 in)

### Cortical Cleaving Hydrodissector (Flat End)

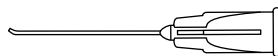
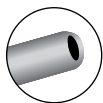
45 degrees, 11 mm from end. For cleaving cortex from capsular bag. 10 per box.



Item #	Description
585158	.40 x 22 mm (27G x 7/8 in).

### Cortical Cleaving Hydrodissector (Round End)

45 degrees, 11 mm from end. For cleaving cortex from capsular bag. May also be useful for general irrigation. 10 per box.

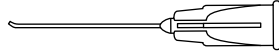


Item #	Description
585157	.40 x 22 mm (27G x 7/8 in)

## Visitec® Hydrodelineation & Hydrodissection

### Cortical Cleaving Hydrodissector [Bolger]

Tip is tapered to .30 mm (30G), 33 degrees, 1 mm from end. Facilitates placement under anterior capsule for cleaving cortex from capsular bag. 10 per box.

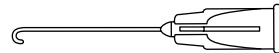


Item #	Description
585159	.50 x 22 mm (25G x 7/8 in)

### J Shape Cannulas

#### Micro J Shape Cannula

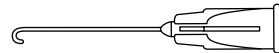
.25 mm open end port. Hook is 1.5 mm long x 1.75 mm wide. Designed for small incision surgery. 10 per box.



Item #	Description
585003	.50 x 22 mm (25G x 7/8 in)

#### J Shape Cannula

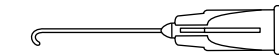
.33 mm open end port. Hook is 2 mm long x 2.25 mm wide. 10 per box.



Item #	Description
585091	.60 x 22 mm (23G x 7/8 in)

#### Micro J Shape Cannula [Hessburg]

.25 mm open end port. Hook is .85 mm long x 1.7 mm wide. 10 per box.



Item #	Description
585148	.50 x 20 mm (25G x 3/4 in)

#### J Shape Cannula [Thornton]

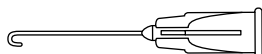
.30 mm open end port. Hook is 2.75 mm long x 2.5 mm wide. Slightly micro etched on back of J shape end for capsule polishing. May also be used for aspiration of cortex from superior iris between the 10-2 o'clock meridian. 10 per box.



Item #	Description
585123	.55 x 22 mm (24G X 7/8 in)

### Micro J Shape Hydrodissector [Pearce]

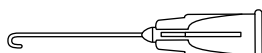
Hook is 2.25 mm long x 1.75 mm wide. Micro size flattened tip for easy insertion through wound and under capsule. 10 per box.



Item #	Description
585029	.40 x 22 mm (27G x 7/8 in)

### J Shape Hydrodissector [Pearce]

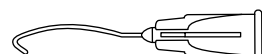
Hook is 3 mm long x 2 mm wide. 10 per box.



Item #	Description
585102	.50 x 22 mm (25G x 7/8 in)

### HydroExpression Cannula [Corydon]

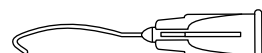
1.8 mm from end. Designed to express nucleus with balanced salt solution through a capsulorhexis during ECCE. 10 per box.



Item #	Description
585191	.40 x 22 mm (27G x 7/8 in), 30 degrees

### ViscoExpression Cannula [Corydon]

1.8 mm from end. Designed to express nucleus with viscoelastic through a capsulorhexis during ECCE. 10 per box.

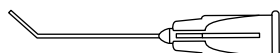


Item #	Description
585090	.50 x 22 mm (25G x 7/8 in), 30 degrees

## Hydrodissection Cannulas

### Nucleus Hydrodissector

45 degrees, 7 mm from end. Also useful for irrigating incisions during refractive procedures. 10 per box.



Item #	Description
581592	.30 x 22 mm (30G x 7/8 in)

### Nucleus Hydrodissector [Sauter]

Tip is flattened on the vertical plane. 10 per box.

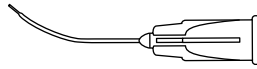


Item #	Description
585099	.40 x 22 mm (27G x 7/8 in)

## Visitec® Hydrodelineation & Hydrodissection

### Nucleus Hydrodissector

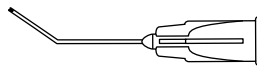
Tip is flattened on the horizontal plane. 10 per box.



Item #	Description
585155	.40 x 22 mm (27G x 7/8 in)

### Nucleus Hydrodissector [Sinskey]

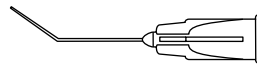
35 degrees, 8 mm from end. Unique forked tip rotates nucleus following hydrodissection to facilitate cleaving of nuclear cortical connections. 10 per box.



Item #	Description
585195	.50 x 22 mm (25G x 7/8 in)

### Nucleus Hydrodissector [Pearce]

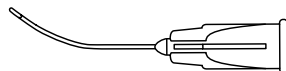
35 degrees, 8 mm from end. 10 per box.



Item #	Description
585037	.50 x 22 mm (25G x 7/8 in)

### Nucleus Hydrodissector

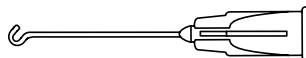
Tip is flattened on the vertical plane. 10 per box.



Item #	Description
585274	.40 x 22 mm (27G x 7/8 in)

### Tangential Hydrodissector [Hart]

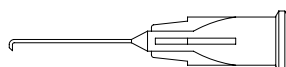
35 degrees, 8 mm from end. Modified J shape cannula with a flattened tip (.4 mm). 10 per box.



Item #	Description
585078	.50 x 22 mm (25G x 3/4 in)

### Nucleus Hydrodissector [Chang]

90 degree bend, 1 mm flattened tip. 10 per box.

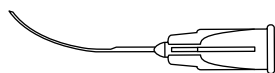
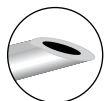


Item #	Description
585294	.40 x 18 mm (27G x 7/10 in), bevel angle 33 degrees
585295	.40 x 18 mm (27G x 7/10 in), bevel angle 47 degrees

## Hydrodelineation Cannulas

### Nucleus Hydrodelineator [P. Koch]

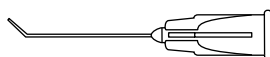
Shortened, single-bevel tip easily penetrates the nucleus for manual sculpting to improve lamellar separation prior to phacoemulsification. Flattened end provides smooth insertion under anterior capsule for hydrodissection. 10 per box.



Item #	Description
585015	.50 x 22 mm (25G x 7/8 in)

### Tapered Hydrodelineator [Blumenthal]

Tip is tapered to .30 mm (30G), 45 degrees, 4 mm from end. Tapered to allow greater flow of fluid through a smaller tip. Provides easy insertion under capsule for hydrodissection or into nucleus for hydrodelineation. 10 per box.

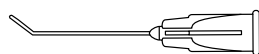
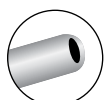


Item #	Description
585107	.50 x 22 mm (25G x 7/8 in)

## Anterior Chamber Cannulas

### Anterior Chamber Cannula [Rycroft]

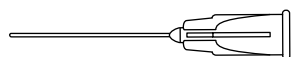
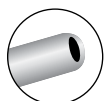
Angled 45 degrees, 4 mm from end. Dome shape, extra smooth tip designed to provide safe insertion through wound and manipulation within the eye. 10 per box.



Item #	Description
581273	.30 x 22 mm (30G x 7/8 in)
581280	.40 x 22 mm (27G x 7/8 in)
581639	.50 x 22 mm (25G x 7/8 in)
585025	.60 x 22 mm (23G x 7/8 in)
581281	.80 x 22 mm (21G x 7/8 in)

### Anterior Chamber Cannula

10 per box.



Item #	Description
585006	.40 x 22 mm (27G x 7/8 in)

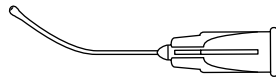


## Visitec® Irrigation & Air Injection

### Irrigating Cannulas

#### Olive Tip Cannula

.33 mm end port. Olive shape tip is 2 mm long x 1 mm wide. 10 per box.



Item #	Description
585147	.60 x 22 mm (23G x 7/8 in)

#### Bishop Harmon Cannula

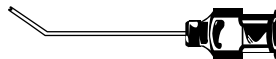
40 degrees, 8 mm from end. 10 per box.



Item #	Description
585040	1.1 x 25 mm (19G x 1 in)

#### Anterior Chamber Cannula

30 degrees, 6 mm from end. 10 per box.



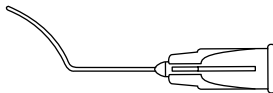
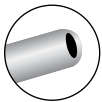
Item #	Description
581277	1.6 x 25 mm (16G x 1 in)

### Viscoelastic Cannulas

Longer design from bend to tip allows for easier placement of viscoelastic to all meridians. May be used to coat intraocular lenses prior to insertion. Dome shape, extra smooth tip designed to provide safe insertion through wound and manipulation within the eye.

#### Viscoflow® Cannula

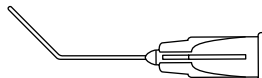
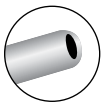
Formed 11 mm from end; radius is 19 mm. 10 per box.



Item #	Description
585007	.40 x 22 mm (27G x 7/8 in)

#### Viscoflow® Cannula

45 degrees, 9 mm from end. 10 per box.

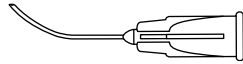


Item #	Description
585026	.40 x 22 mm (27G x 7/8 in)
585009	.60 x 22 mm (23G x 7/8 in)

## Bimanual I and A Cannulas

### Bimanual Irrigation Cannula

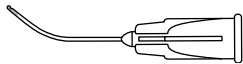
Thin wall cannula, curved 45 degrees, .51 mm open end irrigation port. 10 per box.



Item #	Description
585223	.80 x 17 mm (21G x 5/8 in)

### Bimanual Aspiration Cannula

Curved 45 degrees, .40 mm top aspiration port; micro-etched 2 mm from end. Useful for capsule polishing. 10 per box.

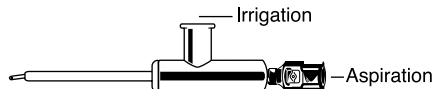
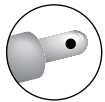


Item #	Description
585222	.60 x 17 mm (23G x 5/8 in)

## Coaxial I and A Cannulas

### Coaxial I and A Cannula [Pearce]

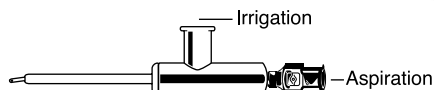
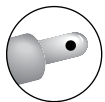
1.2 mm (18G) thin wall outer cannula provides irrigation, .80 mm (21G) inner cannula has .30 mm side aspiration port. Smooth outer cannula has been designed to create less friction for easier insertion, minimizing trauma to wound. 5 per box.



Item #	Description
581624	1.2 mm (18G)/.80 mm (21G)

### Coaxial I and A Cannula (Modified) [Pearce]

1.2 mm (18G) thin wall outer cannula provides irrigation, .80 mm (21G) inner cannula is 30 degrees with a .30 mm side aspiration port. 5 per box.

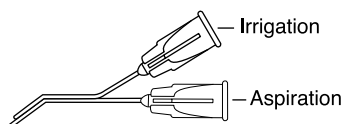


Item #	Description
581279	1.2 mm (18G)/.80 mm (21G)

## I and A Cannulas

### I and A Cannula [Gills]

35 degrees, 8 mm from end, .25 mm open end aspiration port. 5 per box.



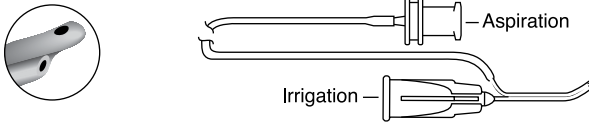
Item #	Description
585089	.60 mm/.50 mm (23G/25G), thin wall

## Visitec® Irrigation & Aspiration

### Simcoe I and A Cannulas

#### I and A Cannula [Simcoe]

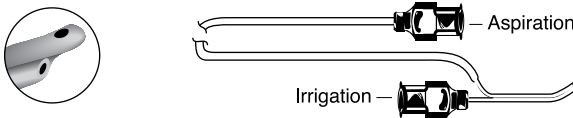
Thin wall cannula. Tubing: Inner diameter 1 mm (.04 in); outer diameter 2 mm (.08 in), .30 mm aspiration port. 5 per box.



Item #	Description
585047	.60 mm/.60 mm (23G/23G)

#### I and A Cannula [Simcoe]

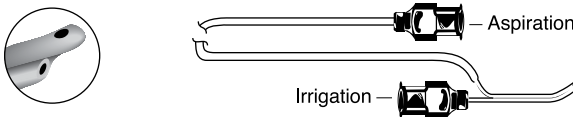
Tubing: Inner diameter 1 mm (.04 in), outer diameter 2 mm (.08 in). 3 per box.



Item #	Description
585086	.60 mm/.60 mm (23G/23G) .30 mm aspiration port.
585110	.60 mm/.60 mm (23G/23G) .40 mm aspiration port.

#### I and A Cannula [Dahan-Simcoe]

Thin wall cannula. Tubing: Inner diameter 1 mm (.04 in), outer diameter 2 mm (.08 in). 3 per box.



Item #	Description
585104	.60 mm/.60 mm (23G/23G), .40 mm aspiration port.

### Irrigating Vectis

#### Micro Irrigating Vectis

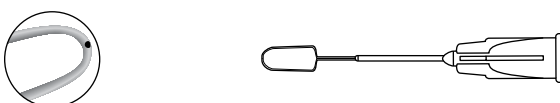
One .20 mm end port. Micro size allows easy access through small pupils. 5 per box.



Item #	Description
581595	.40 mm (27G), 4 mm wide

#### Small Incision Irrigating Vectis [Pearce]

One .20 mm end port. For removing nucleus and fragments through a small incision. 5 per box.



Item #	Description
585032	.40 mm (27G), 3 mm wide

### Irrigating Vectis [Anis]

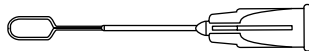
Two .25 mm end ports. Heart shaped design facilitates retracting iris or capsule for easier insertion under the nucleus. 5 per box.



Item #	Description
581283	.50 mm (25G), 5 mm wide at heart

### Irrigating Vectis [Pearce]

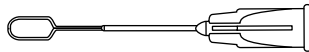
One .25 mm end port. 5 per box.



Item #	Description
581619	.50 mm (25G), 5 mm wide

### Irrigating Vectis

Two .25 mm end ports. 5 per box.

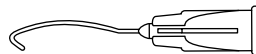


Item #	Description
581626	.50 mm (25G), 5 mm wide

## Nucleus Expression Cannulas

### HydroExpression Cannula [Corydon]

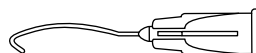
1.8 mm from end. Designed to express nucleus with balanced salt solution through a capsulorhexis during ECCE. 10 per box.



Item #	Description
585191	.40 x 22 mm (27G x 7/8 in), 30 degrees

### ViscoExpression Cannula [Corydon]

1.8 mm from end. Designed to express nucleus with viscoelastic through a capsulorhexis during ECCE. 10 per box.



Item #	Description
585090	.50 x 22 mm (25G x 7/8 in), 30 degrees

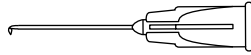
## Visitec® Nucleus Removal

### Capsulorhexis Cystotomes

Tips are designed to facilitate Continuous Curvilinear Capsulotomies (CCC). Tip has cutting edge from front to back for push or pull cutting. Sharp tip penetrates capsule and allows control of flap. Tip is 90 degrees, then rotated 90 degrees.

#### Irrigating Cystotome [Blumenthal]

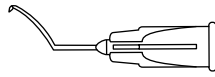
10 per box.



Item #	Description
585043	.40 x 16 mm (27G x 5/8 in)

#### Irrigating Cystotome [Blumenthal]

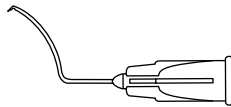
Formed 8.5 mm from bend to tip. 10 per box.



Item #	Description
585042	.40 x 16 mm (27G x 5/8 in)
585113	.50 x 16 mm (25G x 5/8 in)

#### Blunt Tip Irrigating Cystotome [Kellan]

Tip angled toward bevel. Unique blunt tip creates a wide capsular flap. Useful for pear shape capsulotomies. 10 per box.

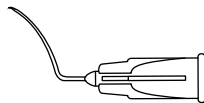


Item #	Description
585115	.50 x 22 mm (25G x 7/8 in)

### Formed, Angled and Straight Cystotomes

#### Irrigating Cystotomes

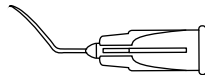
Formed cystotomes are bent to conform with the convexity of the crystalline lens. This allows easier access to all areas of the anterior capsule and reduces the chance of touching the corneal endothelium. 10 per box.



Item #	Description
581630	Irrigating Cystotome .30 x 16 mm (30G x 5/8 in)
581618	Irrigating Cystotome .40 x 16 mm (27G x 5/8 in)
581610	Irrigating Cystotome [Pearce] .50 x 16 mm (25G x 5/8 in)
581602	Side Cutting Irrigating Cystotome .50 x 16 mm (25G x 5/8 in)
581599	Irrigating Cystotome .60 x 16 mm (23G x 5/8 in)

### Irrigating Cystotome

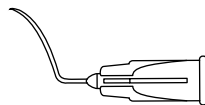
Formed 8.5 mm from bend to tip. Shortened curve designed for capsulotomy on deep set eyes or small pupils. 10 per box.



Item #	Description
585008	.40 x 16 mm (27G x 5/8 in)
585004	.50 x 16 mm (25G x 5/8 in)

### Irrigating Cystotome

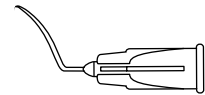
Tip 45 degrees. 10 per box.



Item #	Description
585049	.50 x 16 mm (25G x 5/8 in)

### Irrigating Cystotome (Reverse)

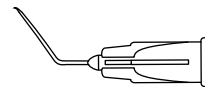
Tip 90 degrees toward bevel. 10 per box.



Item #	Description
585034	.50 x 16 mm (25G x 5/8 in)

### Irrigating Cystotome [Simcoe]

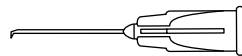
45 degrees, 10.5 mm from tip. 10 per box.



Item #	Description
585093	.40 x 12.5 mm (27G x 1/2 in)

### Irrigating Cystotome

10 per box.

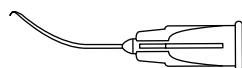


Item #	Description
581617	.50 x 16 mm (25G x 5/8 in)
581594	.60 x 16 mm (23G x 5/8 in)

## Intercapsular/Endocapsular Cystotomes

### Irrigating Cystotome [Joyce]

Tip .50 mm long. Curve facilitates intercapsular/endocapsular techniques. 10 per box.



Item #	Description
585039	.40 x 16 mm (27G x 5/8 in)
585030	.50 x 16 mm (25G x 5/8 in)

## Visitec® Cystotomes and ACM

### Sharp Cystotomes

Designed for cutting technique capsulotomies. Microsharp blade ground onto the cannula designed to require less pressure to cut the capsule, reducing stress to zonules.

#### Sharp Point Cystotome

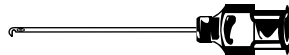
Tip 1.75 mm long x 1 mm wide. Vertical sharp cutting edge. 5 per box.



Item #	Description
585020	.70 x 27 mm (22G x 1 1/16 in)

#### Sharp Cystotome, straight

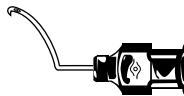
Tip 1.5 mm long x .75 mm wide. Curved sharp cutting edge. 3 per box.



Item #	Description
585053	.55 x 28 mm (24G x 1 1/8 in)

#### Sharp Cystotome, formed

Tip 1.5 mm long x .75 mm wide. Formed 12 mm from bend to tip. Radius 12.5 mm. Curved sharp cutting edge. 3 per box.

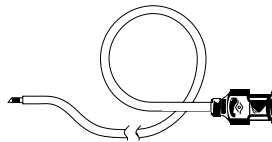


Item #	Description
585055	.55 x 16 mm (24G x 5/8 in)

### Anterior Chamber Maintainers

#### Self Retaining ACM [Lewicky]

Flexible tubing 25 cm (10 in). Inner diameter 1 mm (.04 in); outer diameter 2 mm (.08 in). Unique annular rings start .75 mm from 55 degree beveled tip for retaining without sutures. 3 per box.



Item #	Description
585061	.90 x 3.5 mm (20G x 9/64 in)

#### Oval ACM [Blumenthal]

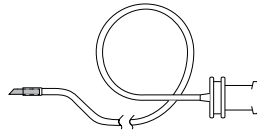
3.5 mm from 40 degree beveled tip. Flexible tubing 25 cm (10 in). Inner diameter 1 mm (.04 in), outer diameter 2 mm (.08 in). Smooth tip allows for easy insertion and minimal tissue disturbance. 5 per box.



Item #	Description
585149	Tapered from 1.25 mm (18G) to .90 mm (20G), oval

### ACM Micro Etched [Dahan]

Flexible tubing 15.25 cm (6 in). Inner diameter .75 mm (.03 in), outer diameter 1.6 mm (.07 in). Special micro etching on tip allows ACM to be self-retaining. Ultra thin wall tip provides high flow rate. 10 per box.

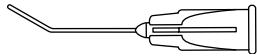


Item #	Description
585163	.90 x 4 mm (20G x 5/32 in): 45 degree beveled tip

## LASIK Cannulas

### LASIK Irrigating Cannula

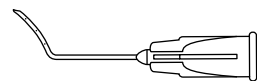
25 degrees, formed 7 mm from end. 10 per box.



Item #	Description
585278	.40 x 22 mm (27G x 7/8 in)

### LASIK Irrigating Cannula [Solomon]

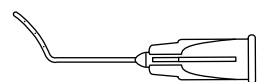
Thin wall cannula. Angled tip features three .25 mm ports on 8 mm extension with 11 mm radius. Assists in flap replacement. 10 per box.



Item #	Description
585280	.50 x 22 mm (25G x 7/8 in)

### LASIK Irrigating Cannula [Lindstrom]

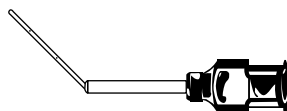
Features three .25 mm ports located on 7 mm extension with an 11 mm radius, 45 degrees. 10 per box.



Item #	Description
585250	.50 x 22 mm (25G x 7/8 in)

### LASIK Flap Irrigator [Vidaurri]

Features four .25 mm ports located on 13 mm dual extensions. Arms provide uniform irrigation as flap is realigned. 5 per box.

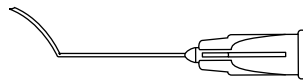
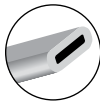


Item #	Description
585216	1.6 x 12 mm (16G x 1/2 in) cannula with two .50 x 13 mm (25G x 9/16 in) tip extensions at 45 degree angle



### LASIK Cannula [Daya]

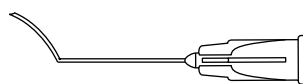
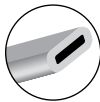
45 degrees, 12 mm from end. Flattened .50 mm, 5 mm from tip. 10 per box.



Item #	Description
585259	.80 x 22 mm (21G x 7/8 in)

### LASIK Cannula [Daya]

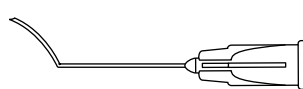
45 degrees, 10 mm from end. Flattened .30 mm, 1 mm from tip. 10 per box.



Item #	Description
585271	.60 x 20 mm (23G x 13/16 in)

### LASIK Flap Spatula/Irrigator [Hersh]

45 degrees, 9 mm from spatulated tip. 10 per box.



Item #	Description
585252	.60 x 22 mm (23G x 7/8 in)

## LASEK Cannula

### LASEK Cannula [Yee]

Olive tip provides gentle manipulation yet desired control, while multiple irrigation ports create an even distribution of fluid when repositioning epithelium. 10 per box.

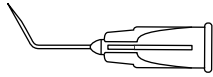


Item #	Description
585287	25G

## Glaucoma Revision Picks

### Glaucoma Revision Pick 60° [Lederer]

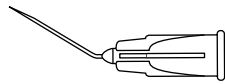
60 degrees, 7 mm from end. Ideal for superior approach. 5 per box.



Item #	Description
585133	.40 x 16 mm (27G x 5/8 in)

### Glaucoma Revision Pick 30° [Lederer]

30 degrees, 13.5 mm from end. Ideal for temporal or nasal approach. 5 per box.

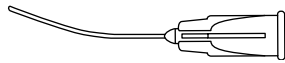
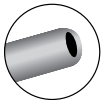


Item #	Description
585135	.40 x 16 mm (27G x 5/8 in)

## Lacrimal Cannulas

### Lacrimal Cannula

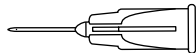
10 per box.



Item #	Description
581276	.45 x 28 mm (26G x 1 1/8 in)

### Lacrimal Cannula [Shahinian]

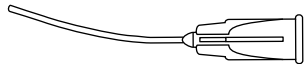
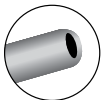
.30 mm aspiration port. Smooth bullet shape end for punctal dilation and irrigation of the nasolacrimal system. May also be used as punctal dilator. 5 per box.



Item #	Description
585033	.60 x 12 mm (23G x 1/2 in)

### Lacrimal Cannula

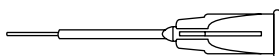
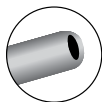
Curved cannula for probing and irrigating lacrimal duct. 10 per box.



Item #	Description
581615	.80 x 35 mm (21G x 1 3/8 in)

## Lacrimal Cannula

For irrigating punctum or lacrimal duct. 5 per box.

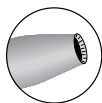


Item #	Description
585016	1.1 x 20 mm (19G x 3/4 in) shaft attached to .60 x 12 mm (23G x 1/2 in) malleable cannula

## Lacrimal Trephine

### Lacrimal Trephine [Sisler]

Ultra sharp, micro trephine is useful for rotary trepanation of an obstructed canaliculus and for biopsy of the conjunctiva or sclera. Long enough to span the length of normal lacrimal canaliculus. Round, blunt tip stylet minimizes trauma to the surrounding tissue. 3 per box.



Item #	Description
585031	.80 mm x 38 mm (21G x 1 1/2 in)

## Delaminator/Viscodissectors

For dissection of preretinal and other vitreoretinal membranes using viscoelastic fluids. May also be used for application of serum, plasma, or other agents used to repair macular holes. The cannula comes with a 20 cm (8 in) long luer lock, high pressure extension tubing set capable of withstanding injections of viscoelastic fluids; ID - 1.2 mm (0.5 in); OD - 2.4 mm (0.9 in).

### 585214 Membrane Delaminator [Lambert]

.90 x 25 mm (20G x 1 in) cannula with .30 x 7 mm (30G x 5/16 in) tip extension. Tip flattened and angled 70 degrees, 2.5 mm from end. Longer tip allows more complete and easy membrane delamination. 5 per box.

### 585092 Vitreoretinal Viscodissector, 90 Degrees [Glaser]

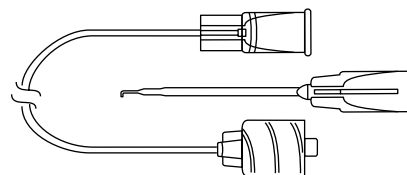
.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension. Tip flattened and angled 90 degrees, 1 mm from end. 5 per box.

### 585166 Vitreoretinal Viscodissector, 90 Degrees [Glaser/Tano]

.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension. Tip flattened and angled 70 degrees, 1 mm from end. 5 per box.

### 585165 Vitreoretinal Viscodissector, 45 Degrees [Glaser/Chen]

.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension. Tip flattened and angled 45 degrees, 1 mm from end. 5 per box.

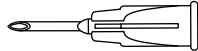


## High Viscosity Injection/Removal

Unique design facilitates injection of silicone oil and other viscous fluids by combining a special high pressure tubing with an ultra thin wall cannula. May also be used as a standard infusion cannula. Ultra thin wall cannula .90 mm (20G) with 45 degree beveled tip.

### Silicone Oil Removal Cannula [Connor]

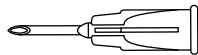
Thin wall cannula for improved flow rate. 45 degree bevel tip allows for easier insertion through sclerotomy. 10 per box.



Item #	Description
585217	1.1 x 12 mm (19G x 1/2 in)

### High Viscosity Injector [Peyman]

Designed to inject or aspirate silicone oil in the repair of retinal detachments. 20 degree bevel. 5 per box.



Item #	Description
585002	1.6 x 9 mm (16G x 3/8 in)

### High Viscosity Injector [Hammer]

4 mm, .90 mm (20G) thin wall cannula. 5 per box.



Item #	Description
585208	Tubing 16 cm (6 1/4 in) long. Longer tubing designed for use with a silicone oil syringe pump.
585173	Tubing 10 cm (4 in) long

### High Viscosity Injector [Hammer]

6 mm, .90 mm (20G) thin wall cannula. 5 per box.



Item #	Description
585228	Tubing 16 cm (6 1/4 in) long. Longer tubing designed for use with a silicone oil syringe pump.
585184	Tubing 10 cm (4 in) long

## Infusion Cannulas

Designed to provide more effective infusion. Ultra thin wall cannula .90 mm (20G) with 45 degree beveled tip allows more fluid flow than a regular wall cannula. Flexible tubing is 25 cm (10 in) long and attaches to an infusion source with luer lock fitting.

### Infusion Cannula

5 per box.



Item #	Description
585119	.90 mm (20G), 4 mm
585120	.90 mm (20G), 6 mm

### Infusion Cannula, 45 Degrees [Pautler]

Corners of flange are round. The angled design of the flange allows it to be sutured to the sclera, while the cannula is inserted through the cornea in aphakic or pseudophakic eyes. Designed to provide a continuous flow of irrigation during complicated posterior segment surgery. 3 per box.



Item #	Description
585196	4.7 mm from tip to 45 degree angled flange

## Membrane Dissectors

For removing premacular, epiretinal and other vitreoretinal membranes.

### Membrane Micropick [Eaton]

Especially useful for working near macular holes. 10 per box.



Item #	Description
585212	.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension. Sharp tip angled 50 degrees.

### Vitreoretinal Micropick [Glaser]

10 per box.



Item #	Description
585114	.90 x 25 mm (20G x 1 in) cannula with .50 x 5 mm (25G x 3/16 in) tip extension. Sharp tip angled 50 degrees.

### Membrane Dissector [Kingham]

10 per box.



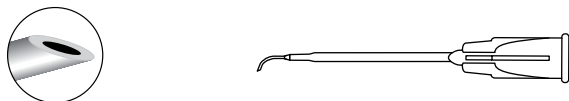
Item #	Description
585044	.90 x 25 mm (20G x 1 in). Sharp tip angled 45 degrees.

## Micro Tip Cannulas

Designed to provide atraumatic entry through retinal and macular tears or holes with less chance of engaging the retina. Surface of injector tip, opposite the bevel, may be used to slightly elevate the retina as fluid is injected. Designed for injecting or aspirating fluid under the retina.

### Subretinal Injector [Lambert]

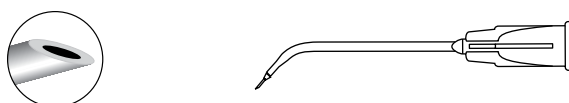
Gentle curve facilitates less traumatic removal from eye. Increased length ideal for myopic eyes. 5 per box.



Item #	Description
585219	.90 x 29 mm (20G x 1 5/32 in) cannula with .23 x 7 mm (32G x 5/16 in) tip extension

### Subretinal Injector Curved [Glaser]

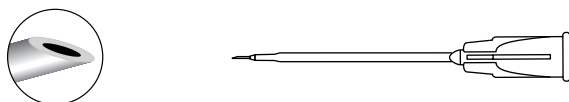
Curved shaft allows for easier access of difficult-to-reach holes. 5 per box.



Item #	Description
585177	.90 x 25 mm (20G x 1 in) cannula with .23 x 3 mm (32G x 1/8 in) tip extension

### Subretinal Injector Straight [Glaser]

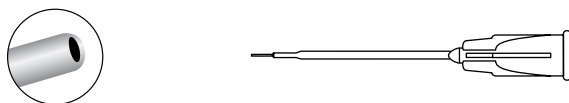
5 per box.



Item #	Description
585178	.90 x 25 mm (20G x 1 in) cannula with .23 x 3 mm (32G x 1/8 in) tip extension

### Vitreoretinal Cannula [Vander]

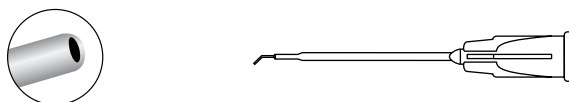
Cannula extends into hub reducing the chance of additional air bubble in the syringe from entering cannula. 5 per box.



Item #	Description
585182	.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension

### Vitreoretinal Cannula [Vander]

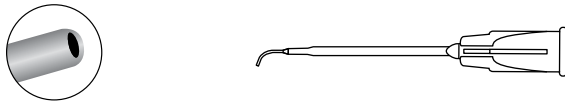
Cannula extends into hub reducing the chance of additional air bubble in the syringe from entering cannula. Useful for submacular injections. Fluid is directed toward the subfoveal space as opposed to allowing it to enter the vitreous cavity. 5 per box.



Item #	Description
585183	.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension. 45 degrees, 2.5 mm from tip.

### Subretinal Cannula [Lambert]

Blunt tip designed to reduce risk of trauma to surrounding tissue. Gentle curve facilitates less traumatic removal from eye. Increased length ideal for myopic eyes. 5 per box.



Item #	Description
585221	.90 x 29 mm (20G x 1 5/32 in) cannula with .23 x 7 mm (32G x 5/16 in) tip extension. 70 degrees, 3 mm from tip.

### MVR Cannula [Glaser]

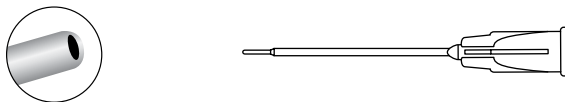
Blunt tip designed to reduce risk of trauma to surrounding tissue. Inserts through a small retinal or macular tear or hole to aspirate subretinal fluids. May also be used for injection of fluids. 5 per box.



Item #	Description
585188	.90 x 25 mm (20G x 1 in) cannula with .23 x 4 mm (32G x 5/32 in) tip extension. 65 degrees, 1 mm from tip.

### Vitreoretinal Aspirator [Landers]

Designed to perform aspiration during fluid/gas exchange procedures. Also can be used to aspirate lysed blood cells and subretinal fluid. 5 per box.



Item #	Description
585211	.90 x 25 mm (20G x 1 in) cannula with .40 x 4 mm (27G x 5/32 in) tip extension

## Subretinal Fluid Instruments

### Transcleral Drainage Cannula [Hanscom]

Curved with 12 degree bevel tip; silicone sleeve is 3.5 mm from tip; bevel is opposite curve. Designed for external drainage of subretinal fluid. Silicone sleeve acts as a stop. The position of bevel tip helps minimize the chance of trauma to the retina. 10 per box



Item #	Description
585224	.50 x 25 mm (25G x 1 in)

### Flexible Tip Aspirator 6 mm

Flexible tip extends 6 mm beyond end. Overall length with tubing 34 mm (1 5/16 in). Flexible tip allows atraumatic entry through retinal or macular tears and enables aspiration of subretinal fluid. 10 per box.



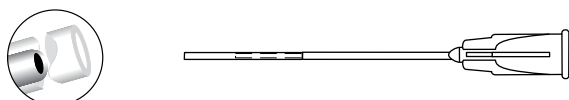
Item #	Description
585225	.90 mm (20G)

### Subretinal Fluid Cannulas

Flexible sleeve allows atraumatic entry through retinal or macular tears or holes, and enables aspiration of subretinal fluid.

#### Subretinal Fluid Cannula, 6 mm [Grizzard]

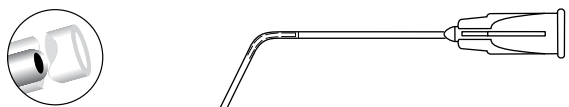
Sleeve extends 6 mm beyond end. Overall length with tubing 35 mm (1 3/8 in). 5 per box.



Item #	Description
585021	.90 mm (20G)

#### Subretinal Fluid Cannula, 6 mm [Grizzard]

Sleeve extends 6 mm beyond end. Overall length with tubing 35 mm (1 3/8 in). Curved tip allows for easier entry into difficult to reach holes. 5 per box.



Item #	Description
585035	.90 mm (20G)

#### Subretinal Fluid Cannula, 3 mm [Grizzard]

Sleeve extends 3 mm beyond end. Overall length with tubing 32 mm (1 1/4 in). 5 per box.



Item #	Description
585186	.90 mm (20G)

#### Subretinal Fluid Cannula, 3 mm [Grizzard]

Sleeve extends 3 mm beyond end. Overall length with tubing 32 mm (1 1/4 in). Curved tip allows for easier entry into difficult-to-reach holes. 5 per box.



Item #	Description
585187	.90 mm (20G)

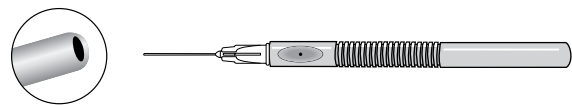


Vitreoretinal Cannulas

Designed to aspirate blood and debris from the posterior segment. Smooth, finished tip provides atraumatic entry and reduces risk of trauma to surrounding tissue.

Flute Cannula [Charles]

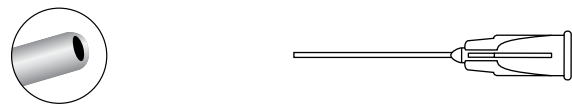
Provides an exit port when used with independent infusion. Technique minimizes turbulence. 5 per box.



Item #	Description
581097	Vacuum handle with .90 x 28 mm (20G x 1 1/8 in) cannula.

Vitreoretinal Cannula

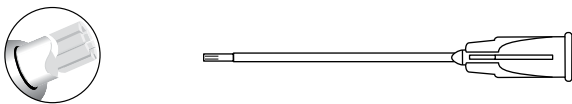
Attaches to handpiece or syringe with luer fitting. Can also be used to aspirate or inject silicone oil. 10 per box.



Item #	Description
585205	.90 x 28 mm (20G x 1 1/8 in)

Vitreoretinal Brush [Grizzard]

Sleeve extends 3 mm beyond end. Overall length with sleeve 31 mm (1 1/4 in). Soft flexible tip has 5 cuts, 1.5 mm deep for atraumatic brushing of retina. 5 per box.



Item #	Description
585139	.90 mm (20G)