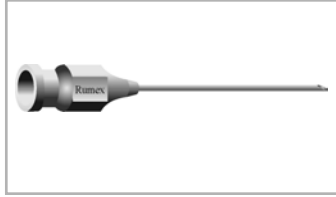


15 CANNULAS

ANESTHESIA	15-1
CYSTOTOMES	15-1
LACHRYMAL	15-2
AIR INJECTION & IRRIGATION	15-3
CORTEX ASPIRATION	15-4
IRRIGATION & ASPIRATION	15-5
CAPSULE POLISHER	15-7
LASIK	15-8
MISCELLANEOUS	15-9

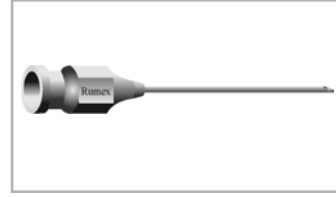


Retrobulbar Needle (Atkinson)



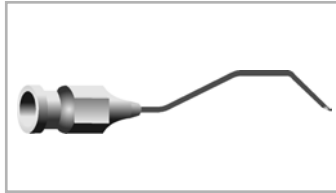
15-001-27
27Gx38mm
15-001-25
25Gx38mm
15-001-23
23Gx38mm

Retrobulbar Needle (Sharp Point)



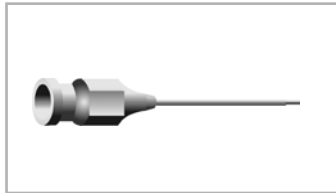
15-003-25
25Gx38mm
15-003-23
27Gx38mm
15-003B-25
25Gx38mm

Retrobulbar Needle Curved (Atkinson)



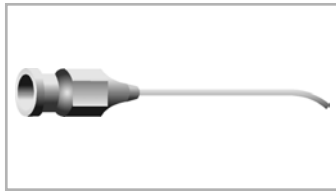
15-1003-25
25Gx35mm
15-1003-23
23Gx35mm
11 mm bend

Peribulbar Needle (Atkinson)



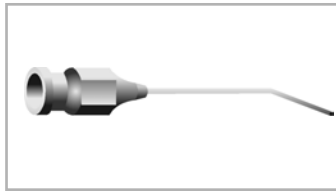
15-005-27
27Gx22mm
15-005-25
25Gx22mm
15-005-23
23Gx22mm

Subtenon's Anesthesia Cannula



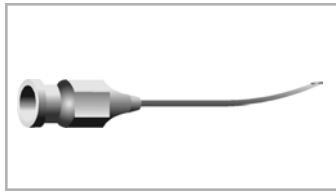
15-009
Curved flattened
tip 19Gx25mm

Subtenon's Anesthesia Cannula (3 port)



15-011C-21
21Gx25mm
15-011C-19
19Gx25mm
Curved

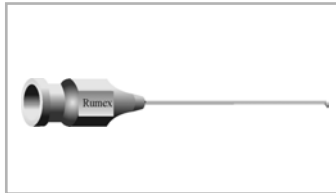
Subtenon's Anesthesia (Para) Needle



15-013
21G,
0.3mm side port

Subtenon's Anesthesia designed for administering anesthetic agent into the posterior sub tenon's space. Suitable for all types of ophthalmic surgeries

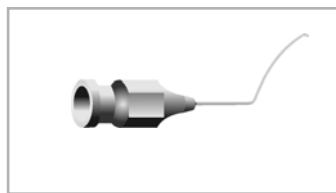
Cystotome (Straight)



15-015-30 30G
15-015-27 27G
15-015-25 25G

16 mm long

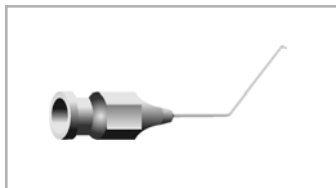
Irrigating Cystotome (Formed)



15-017-30 30G
15-017-27 27G
15-017-26 26G
15-017-25 25G

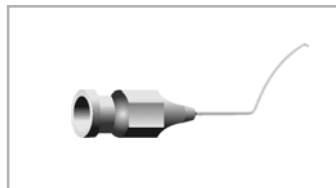
16 mm long

Cystotome (Angled)



15-019-30 30G
15-019-27 27G
15-015-25 25G
45 degree, tip
rotated 45
degree, 16mm

Irrigating Cystotome (Reverse)



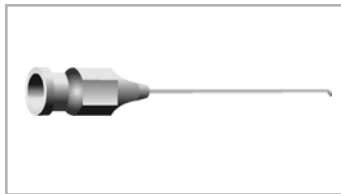
15-021
25Gx22mm
Tip bends
towards bevel

15 CANNULAS

CYSTOTOMES / LACHRYMAL

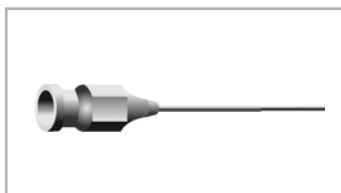


Sharp Irrigating Cystotome (Kelman)



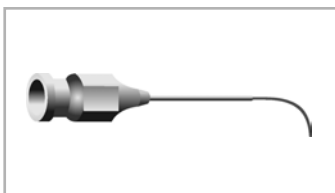
15-023
Curved sharp
cutting edge
25Gx32mm

Lachrymal Cannula Reinforced (Straight)



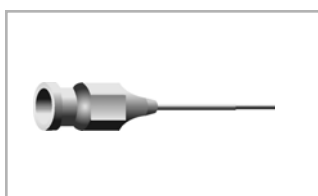
15-027
23 G
cannula rein-
forced by 20 G
sleeve, Straight

Lachrymal Cannula Reinforced (Curved)



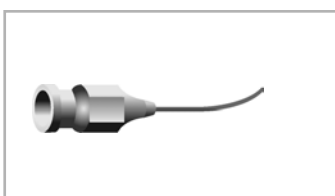
15-029
23 G cannula
reinforced by
20 G sleeve,
Curved

Lachrymal Cannula (Bailey)



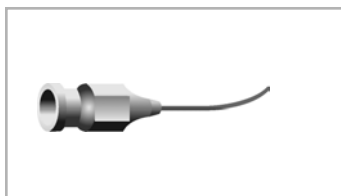
15-031
For infants short 23 G
cannula reinforced by
20 G sleeve,
Curved 7mm exposed
tip length 15mm
straight

Lachrymal Cannula (Fasanella)



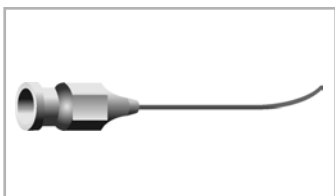
15-033
Gently curved,
23 G, length
19mm

Lachrymal Cannula (Anel)



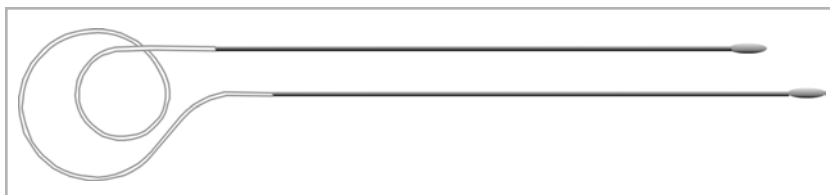
15-035-23S 23G
Straight
15-035-23C 23G
Curved
15-035-25S 25G
Straight
15-035-25C 25G
Curved

Lachrymal Cannula (West)



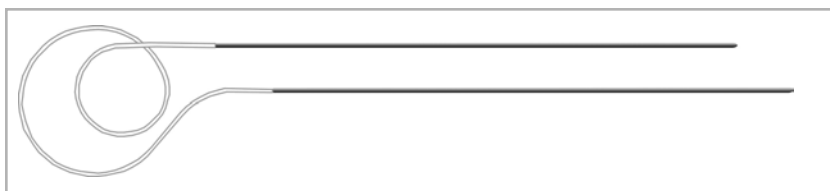
15-037
Gently curved,
0.3 mm top
opening, 23 G,
length 30 mm

Lachrymal Intubation Set (Olive Tip)



15-1041
Stainless Steel probes
0.40mm x11 cm
with Olive Tips
Silicone tube length 35 cm

Lachrymal Intubation Set



15-043
Stainless Steel probes
17.5 cm with 30 cm
Silicone tubing 23G

Dacryocystorhinostomy (DCR)



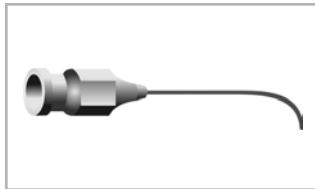
15-045-S Straight
15-045-A Angled
 Stainless Steel probes
 20G x 4.50 cm
 Solid Silicone rod length
 40 cm

Lachrymal Intubation Set (Notched)



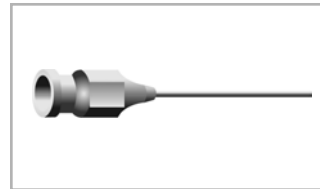
15-1043
 Stainless Steel probes
 0.60mm x 11 cm with
 Notched Tips
 Silicone tubing length 35 cm

Flattened AC Cannula (Bracken)



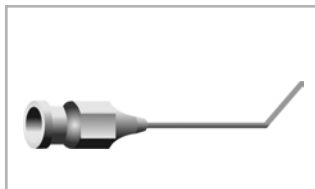
15-057
 Curved 90 degree
 flattened bevel tip 19
 G, length 23 mm

Irrigating Cannula Straight Blunt Tip



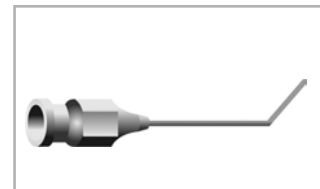
15-049-S
 20G/ 22G/ 23G/
 25G/ 27G/ 30G x
 25mm length

Anterior Chamber (AC) Cannula (Rycroft)



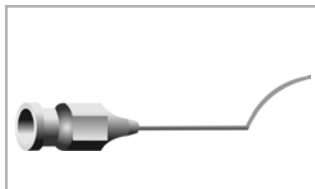
15-051-30 30G
15-051-27 27G
15-051-25 25G
15-051-23 23G
 Angled 45 degree
 Overall length
 22 mm

AC Washout Cannula



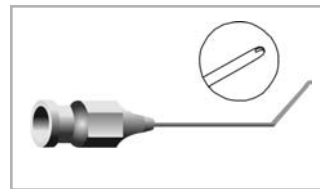
15-055-16 16G
15-055-19 19G
 30 degree angled,
 Spatulated, 6mm
 from end length
 25mm

Visco Flow Cannula



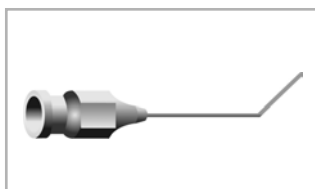
15-1056
 27Gx24mm formed
 For easier injection of
 viscoelastic to all
 meridians. Dome
 shape provides safe
 insertion

Viscoelastic Injection Cannula



15-1087 21G
 angled 50 degree
 5mm shaft from tip to
 bend. Flattened
 rounded tip. Overall
 length 29 mm

Viscocanalostomy Cannula



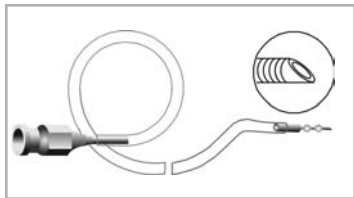
15-1051-30 30G
 Used to inject viscoelastic into
 the trabecular meshwork to
 open the canal and create a
 passage of viscoelastic to
 all meridians. Dome shape
 provides safe insertion

15 CANNULAS

AIR INJECTION & IRRIGATING

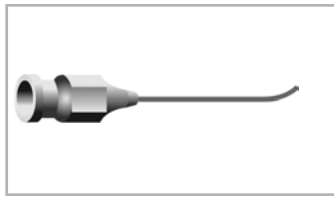


Anterior Chamber Maintainer Bulbous Tip



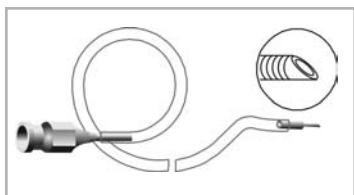
15-1067
Silicone tubing attached to 20G, 4mm cannula, bulbous tip allows good fixation, easy insertion and minimum tissue damage

Anterior Chamber Cannula (Knolle)



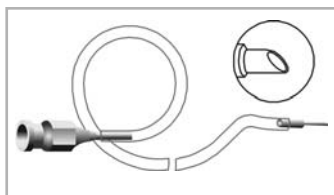
15-063-30 30G
15-063-27 27G
15-063-25 25G
15-063-23 23G
2 mm angled tip, length 23mm

Anterior Chamber Maintainer (Lewicky)



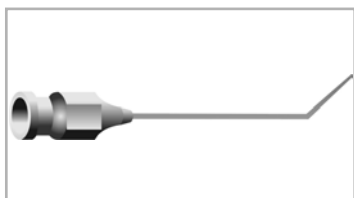
15-065
Silicone tubing attached to 20G, 3.5mm cannula, self-retained in AC

Anterior Chamber Maintainer (Girrad)



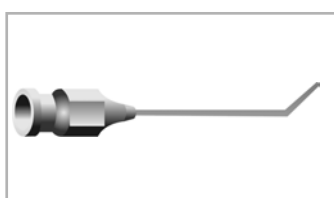
15-067
Silicone tubing attached to 23G, 5mm cannula with Atkinson point, slightly roughened for self-retaining in AC

Nucleus Hydrodissector (McIntyre) Spatulated



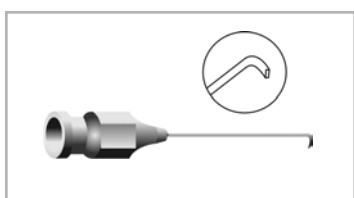
15-071-30 30G,
15-071-27 27G,
15-071-23 25G
15-071-23 23G

Nucleus Hydrodissector (Rainin)



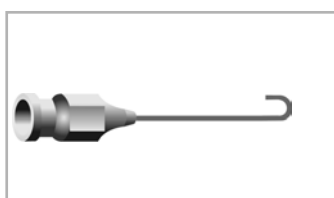
15-069
Angled 45 degree, 7 mm tip to bend, Spatulated

Nucleus Hydrodissector (Chang)



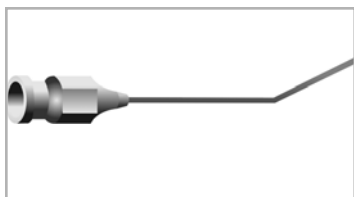
15-0681 27G
90 degree bent flat 2mm tip with a beveled opening. The flat tip provides a broad stream of fluid and can be easily inserted under the capsular rim

J Shaped Micro Hydrodissector (Pearce)



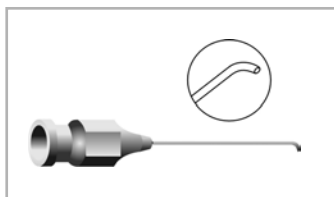
15-073-30 30G,
15-073-27 27G
Hook 1.75mm wide 2.25mm long

Nucleus Hydrodelineator (Feaster)



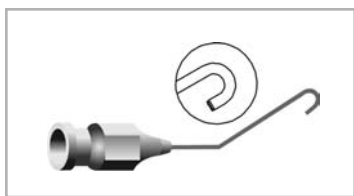
15-1077 25 G
Closed shaped tip allows easy penetration between nucleus and epinucleus. Two side irrigating ports for fluid distribution.

Nucleus Hydrodissector (Akahoshi)



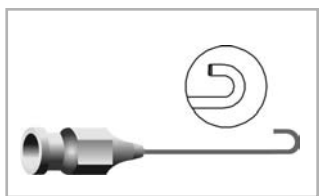
15-068 27G
Slightly bent 2 mm tip cannula easily reaches around nucleus for effective dissection

Cortex Aspiration Cannula (McIntyre Binkhorst)



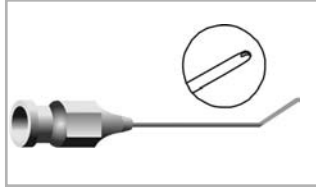
15-079
Blunt tip, front opening, hooked, 22 mm length
15-079-R 28G right,
15-079-L 26G left

J Shaped Micro Hydrodissector (Pearce)



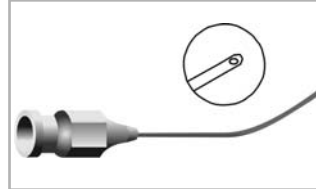
15-1073
Spatulated Hook 1.75mm wide 2.25mm long,
15-1073-30 30G,
15-1073-27 27G

Aspirating Cannula (Healon)



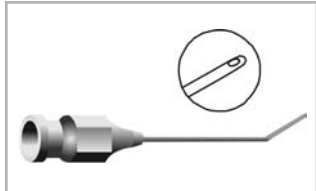
15-087-19 19 G,
15-087-21 21 G,
15-087-22 22 G
Angled 10 mm
from tip, length
32 mm

Cortex Extractor Cannula (Simcoe)



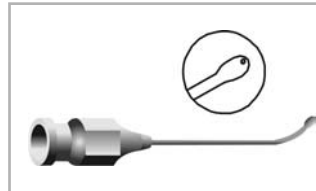
15-091-13-23 G
15-091-21-21 G
15-091-21-23 G
15-091-13-21 G
Smooth closed tip with
top aspirating port into
curve opening

Cortex Extractor Cannula (Simcoe-Welsh)



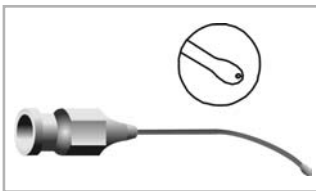
15-093-23 23 G,
15-093-21 21 G
Angled 10 mm
from tip, 0.3 mm
aspirating port

Cortex Extractor Cannula (Welsh)



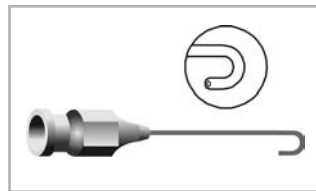
15-095-S Straight
15-095-L Left
15-095-R Right
25 G, flat olive tip,
length 25mm

Alpha Chromostrypsin Aspirating Cannula



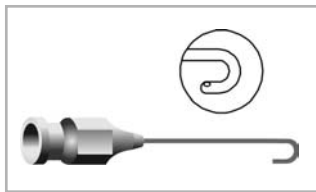
15-097
Smooth bulbous
tip, length 26mm,
25 G

U Shaped Aspirating Cannula



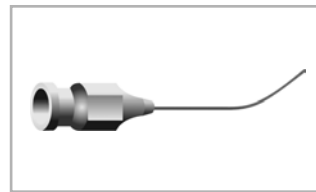
15-099-25 25 G,
15-099-23 23 G,
15-099-21 21 G
Hooked 1.50mm x
1.75mm wide,
length 22mm

J Shaped Cannula (Inside Port)



15-101
23 G

Cortex Extractor Cannula

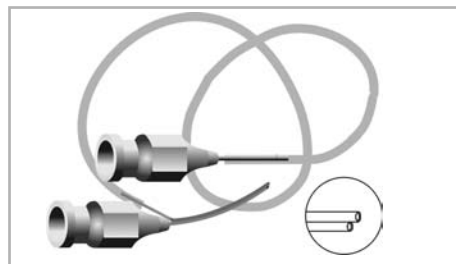


15-1098
For Irrigation or
aspiration, 25 G

I & A Cannula (Simcoe)

15-119

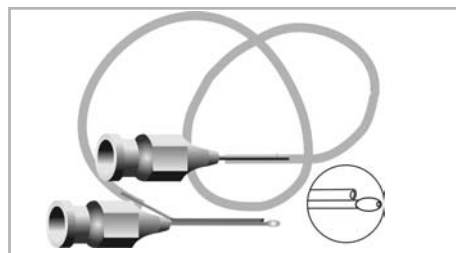
Side by side front opening cannula with
silicone tubing 23 G



I & A cannula (Gills/Welsh)

121-S Straight
121-L Left
121-R Right

Flat olive tip, 25 G, aspiration through hub 23 G
Irrigation with silicone tubing



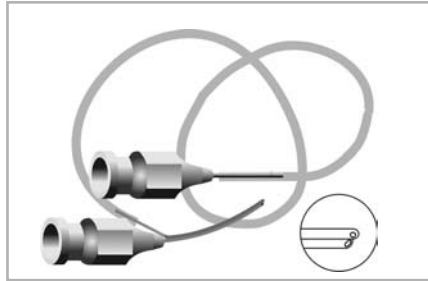
15 CANNULAS

IRRIGATING & ASPIRATING



I & A Cannula (Simcoe)

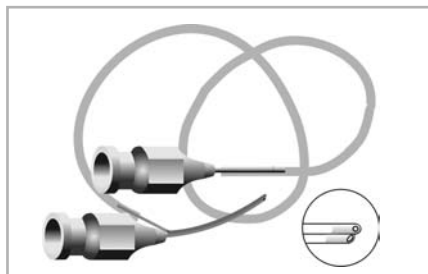
15-129-0.3 23/23 G 0.3 mm port
 15-129-0.4 23/22 G 0.4 mm port



I & A Cannula (Simcoe-Dahan)

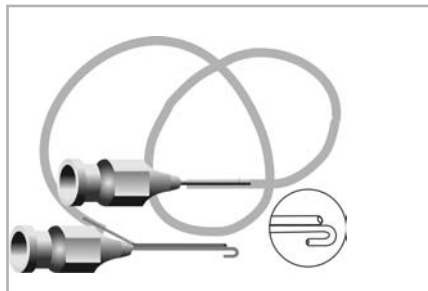
15-135
 15-137 reverse

Same as 129 but both tips are roughened to facilitate polishing posterior and anterior capsules.
 Port 0.4 mm



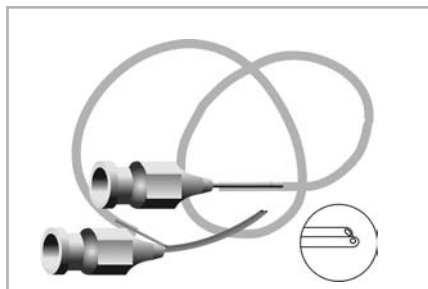
I & A Cannula U Shape Left (Grandon) 15-145

Flat olive tip 25 G, aspiration through hub 23 G, irrigation with silicone tubing



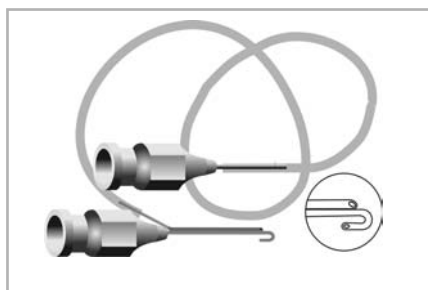
I & A Cannula (Simcoe Reverse) 15-133

Aspiration through hub 0.3mm port, irrigation through tubing

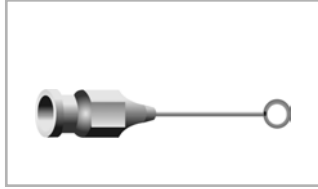


J Shape I & A Cannula

15-1149 Regular,
 15-1149-L Left,
 15-1149-R Right,
 15-1150 Reverse,
 15-1150-L Left,
 15-1150-R Right
 "J" shape facilitates removal of cortex at 12 O'clock position.

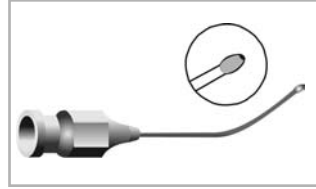


Capsule Polisher (Kraff)



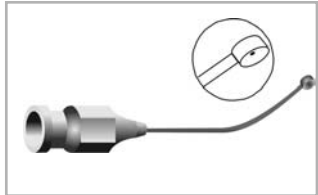
15-159 25 G
Loop shape tip with irrigating port at 6 O'Clock, gently curved 22 mm

Capsule Polisher (Jenson)



15-157-27 27G
15-157-25 25G
All around tungsten carbided bulbous tip, length 28 mm , gently curved

Capsule Polisher (Kraff)



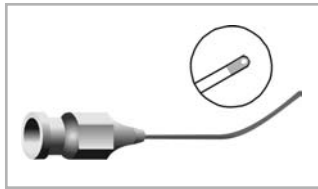
15-158 25 G
Disk shape tip with sharp borders, Irrigation port in the center , gently curved 22 mm

Capsule Polisher (Pearce) Top Port



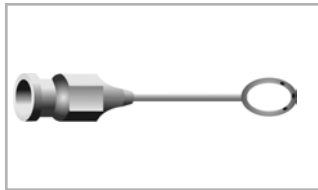
15-1157
All around tungsten carbided, bulbous tip, length 28 mm , gently curved, 25G

Capsule Polisher (Kratz)



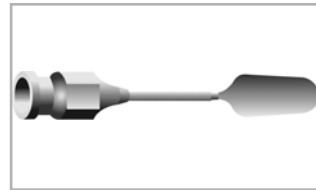
15-169-21 21 G
15-169-23 23 G
0.3 mm top port, curved, covered with tungsten carbide

Irrigating Vectis (Knolle-Pearce)



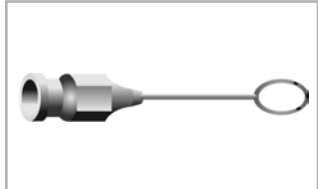
15-183
Irrigating ports at 12, and 2 O'clock, 23 G Loop 5 mm wide, 9 mm long

Small Incision Nucleus Delivery Cannula with Spoon



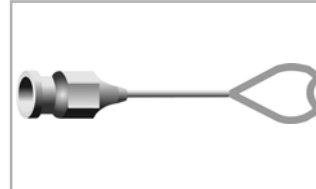
15-197
Used with trisector to take out bigger fragments, 3 mm/4.5 mm

Reverse Irrigating Vectis (Drews-Knolle)



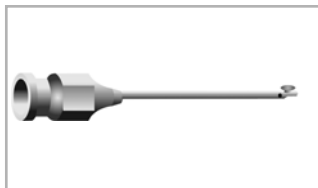
15-185
One forward and two reverse irrigating ports Irrigating ports at 12, 10 and 2 O'clock, 23 G Loop 6 mm wide, 9 mm long

Irrigating Vectis (Anis)



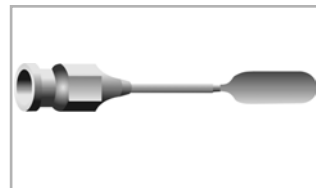
15-189
Two front opening irrigating ports 23 G heart shaped loop

Collar Button (Graether)



15-171
Micro Iris retractor, Side irrigation, Button covered with tungsten carbide for polishing

Alfonso Irrigating Nucleus Spoon



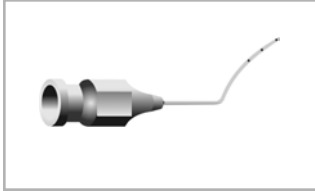
15-1971 2 mm
15-1972 3 mm
Used with trisector to take out bigger fragment

15 CANNULAS

LASIK CANNULAS

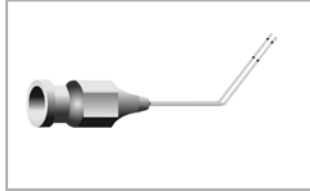


LASIK Irrigating Cannula



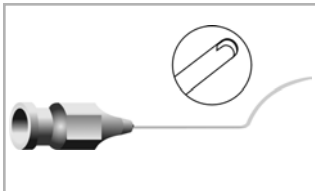
**15-373-25,
15-373-27**
25 or 27 Gauge cannula for irrigation of corneal bed and flap. Curved to follow the natural curvature of the cornea. Four 0.25mm irrigating ports allow complete irrigation

LASIK Double Cannula



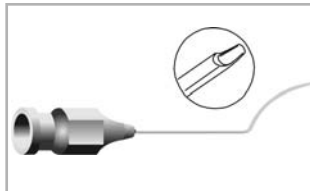
15-371
25 Gauge double armed cannula with 8 ports

LASIK Cannula



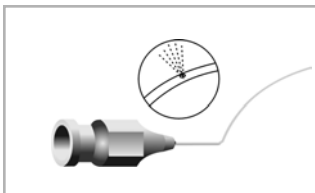
15-375
25 Gauge cannula with curved spatulated tip

Slade LASIK Cannula



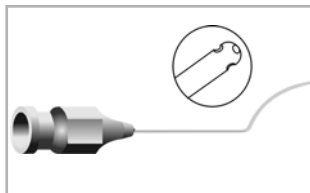
15-376
26 Gauge cannula with spatulated tip

Gimbel Fountain LASIK Cannula



15-378 25 G
Single center port for directing fluid towards superior hinge

Buratto LASIK Irrigating Cannula



**15-379-23 23G
15-379-25 25G**
One front and two side ports. Designed for equal flow in all directions.

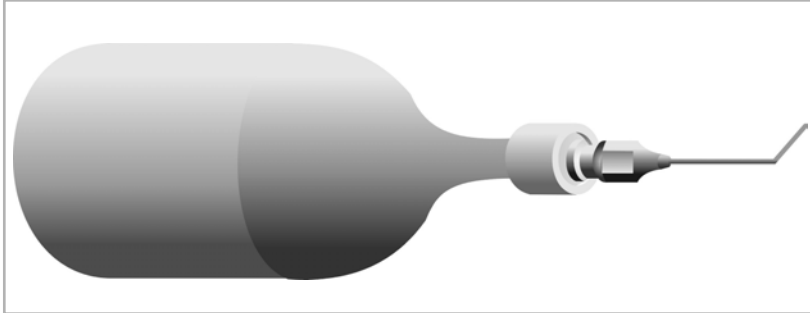
15 CANNULAS

MISCELLANEOUS



Silicone Bulb with Adapter and Cannula

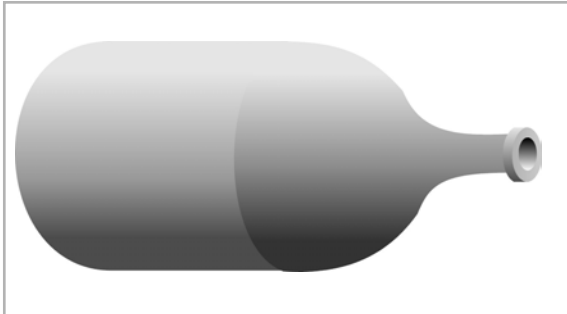
15-3030



Silicone Bulb

Adapter

15-303



**Silicone bulb
with adapter
15-303/301**

Microsurgical Handle

15-307

**Standard Male / Male
Luer connector**



Microsurgical Handle

15-308

**Standard Male / Female
Luer connector**

