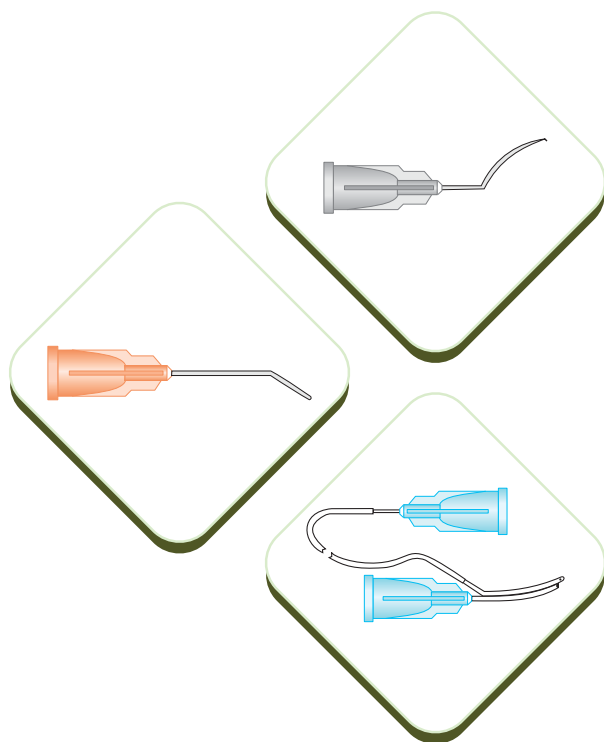


OVATION[®]

Pioneer in Ophthalmic Products



CATALOG

OPHTHALMIC CANNULA



CE
0434



OVATION INTERNATIONAL
AN ISO 9001:2008 CERTIFIED COMPANY

www.ovationint.com
E-mail : info@ovationint.com

OVATION

Pioneer in Ophthalmic Products

OPHTHALMIC SURGICAL PRODUCTS

OVATION is a leading company engaged in Manufacturing, Export & Imports of Ophthalmic Surgical Products. Ovation started his business in Year 1996 With A Vision to produce Internationally accepted Quality Ophthalmic Surgical Products with ability to meet ever changing demands of Ophthalmologists due to advancement in Surgical Techniques.

In the Year 2001 Ovation International Got The ISO 9001:2000 Certification And now We are ISO 9001:2008 Certified Co.

We are Working according to European Medical Device Standards 93/42/EEC And Receive CE Certification In the Year 2006 For Our Product Range of Disposable Ophthalmic Cannula's, Knives And Instruments.

Ovation is professionally managed company large enough to meet small and large requirements. In fact, the customized, individual and varied requirements are a source of pleasure for our dedicated workers.

The products supplied by us are passed through various stringent quality tests prior to shipment. OVATION customer base gets stronger constantly. You are cordially invited to the ever-expanding world of a responsible, responsive and customer friendly organization. Please visit our website (www.ovationint.com).



OVATION INTERNATIONAL
AN ISO 9001:2008 CERTIFIED COMPANY



www.ovationint.com
E-mail : info@ovationint.com



DET NORSKE VERITAS

EC CERTIFICATE - FULL QUALITY ASSURANCE SYSTEM

Certificate No. 99889-2011-CE-IND-NA
This Certificate consists of 3 pages

This is to certify that the Quality Management System of

Ovation International

1583 SINGHI JIKA RASTA, SMS HIGHWAY, 302 004, JAIPUR, India

for design, production and final product inspection/testing of

Sterile Ophthalmic Devices

has been assessed with respect to
the conformity assessment procedure described in Article 11.3.a and Annex II excluding section 4
(Module H) of Council Directive 93/42/EEC on Medical Devices, as amended, and found to comply

Further details are given overleaf

Place and date:

Høvik, 19 August 2011

This Certificate is valid until:

28 June 2016

For DET NORSKE VERITAS CERTIFICATION AS
NORWAY



Aud Løken Eiklid
Certification Manager



Notified Body No.:
0434

Jenny Helen Nytnun
Technical Reviewer

This Certificate has been digitally signed. See www.dnv.com/digitalsignatures for more info

Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction may render this certificate invalid.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



South Asia

CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited

certifies that

OVATION INTERNATIONAL

B-24, (B-1), Prabhu Marg,
Tilak Nagar, Jaipur,
Rajasthan - 302 004, INDIA

has established
and applies a Quality Management System for

**Manufacturing & Marketing of Ophthalmic and other Devices
like Microsurgery instruments, Knives, Cannula,
Intraocular Lenses & Equipments**

An audit was performed, Report No. 20050010
Proof has been furnished that the requirements according to
ISO 9001 : 2008

are fulfilled. The certificate is **Valid until 2014-04-04**

Subject to successful completion of the **Annual Audit before 2012-02-18**

The present status of this Certificate can be obtained on www.tuv-sud.in

*Further clarifications regarding the scope of this certificate and the applicability of
ISO 9001:2008 requirements may be obtained by consulting the certification body*

Certificate Registration No. **99 100 00049**

Mumbai

Effective Date: 2011-04-30



Certification Body
of TÜV SÜD South Asia Private Limited
Member of TÜV SÜD Group



ANESTHESIA ADMINISTRATION

For administering local anesthetic prior to Ophthalmic surgery.

RETROBULBAR

OC 101 RETRO BULBAR (ATKINSON)
23G x 38 mm

OC 101-23G OC 101-25G OC 101-27G

OC 102 RETRO BULBAR (SHARP POINT)
23G x 38 mm

OC102-23G OC102-25G OC102-27G

OC 103 RETRO BULBAR (CURVED ATKINSON)
23G x 35 mm (St.11 mm Curved 24 mm)
11mm BEND

OC 103-23G OC 103-25G OC 103-27G

PERIBULBAR

OC 104 PERI BULBAR (ATKINSON) x 22 mm

OC 104-23G OC 104-25G OC 104-27G

RETRO/PERIBULBAR

OC 249 RETRO / PREI BULBAR (ATKINSON)
23G x 32 mm

OC 249-23G OC 249-25G OC 249-27G

SUBTENON'S ANESTHESIA

OC105 SUBTENON'S ANESTHESIA CANNULA
(CURVED FLATTENED TIP) 19G x 25 mm

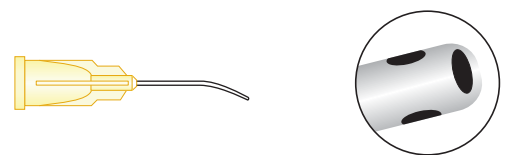
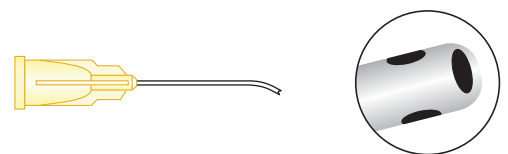
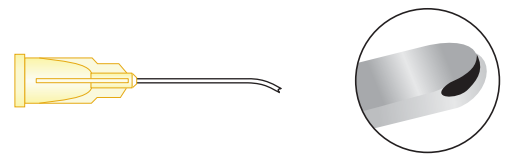
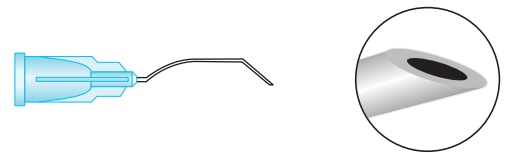
OC105-19G OC105-20G OC105-21G OC105-22G

OC 106 SUBTENON'S ANESTHESIA CANNULA
(TRIPORT)
(CURVED)19G x 25 mm

OC106-19G OC106-20G OC106-21G OC106-22G

OC 107 SUBTENON'S ANESTHESIA CANNULA
(TRIPORT) (ANGLED)19G x 25 mm

OC107-19G OC107-20G OC107-21G OC107-22G
OC 107-23G OC 107-25G OC 107-27G

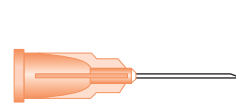


CAPSULOTOMY

Sharp Tip cystotome for creating an opening into the Anterior capsule

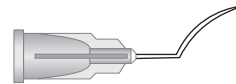
OC 108 IRRIGATING CYSTOTOME (STRAIGHT)
23G x 16 mm

OC108-23G OC108-25G OC108-27G OC108-30G



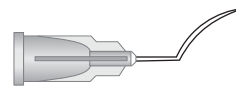
OC 250 IRRIGATING CYSTOTOME (FORMED)
23G x 11 mm

OC 250-23G OC 250-25G OC 250-27G OC 250-30G



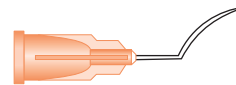
OC 109 IRRIGATING CYSTOTOME (FORMED)
23G x 16 mm

OC 109-23G OC 109-25G OC 109-27G OC 109-30G



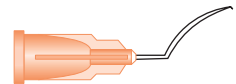
OC 110 IRRIGATING CYSTOTOME (BLUMENTHAL)
23G x 16 mm TIP ANGLED 45°

OC 110-23G OC 110-25G OC 110-27G OC 110-30G



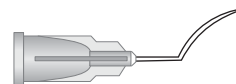
OC 253 IRRIGATING CYSTOTOME (BLUMENTHAL)
23G x 11 mm TIP ANGLED 45°

OC 253-23G OC 253-25G OC 253-27G OC 253-30G



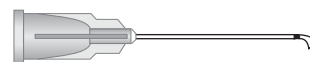
OC 111 IRRIGATING CYSTOTOME (REVERSE)
23G x 22 mm TIP ANGLED 90° TOWARD BEVEL

OC 111-23G OC 111-25G OC 111-27G OC 111-30G



OC 112 SHARP IRRIGATING CYSTOTOME (KELMAN)
23G x 27 mm CURVED SHARP CUTTING EDGE

OC 112-23G OC 112-25G OC 112-27G OC 112-30G



ANTERIOR CHAMBER CANNULA

AIR INJECTION & IRRIGATING CANNULA

For Injecting or Removing Air, Fluids

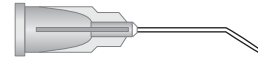
OC 113 ANTERIOR CHAMBER CANNULA (RYCROFT)

21G x 22 mm ANGLED 45° 4mm

Bend from end

OC 113-21G OC 113-22G OC 113-23G OC 113-25G

OC 113-27G OC 113-30G



Last letter of cat # Denotes the Bend from End any other specific Bend can be made on Order

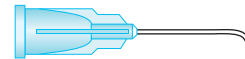
OC 114 FLATTENED ANTERIOR CHAMBER CANNULA

19G x 22 mm, (BRACKEN) CURVED 90°

FLATTENED BEVEL TIP

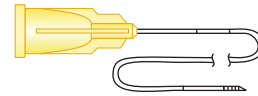
OC 113-19G OC 113-20G OC 113-21G OC 113-23G

OC 113-25G OC 113-27G



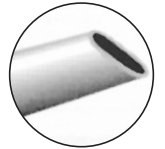
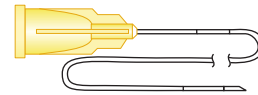
OC 115 ANTERIOR CHAMBER maintainer (LEWICKY)

20G x 3.5mm SILICONE TUBING (25cm) ATTACHED,
UNIQUE ANNULAR RINGS FOR SELF RETAINING



OC 116 ANTERIOR CHAMBER maintainer (BLUMENTHAL)

20G x 3.5mm WITH ATKINSON POINT SILICONE
TUBING (25cm) ATTACHED



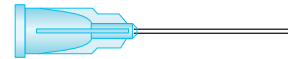
IRRIGATING CANNULA

OC 117 IRRIGATING CANNULA STRAIGHT (BLUNT TIP)

21G x 22mm Length

OC 117-21G OC 117-22G OC 117-23G OC 117-25G

OC 117-27G OC 117-30G



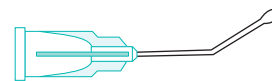
OC 118 OLIVE TIP CANNULA

21G X 25mm, Angle 300 10mm Bend

Olive Shape Tip 2mm Long x 1mm wide

OC 117-21G OC 117-22G OC 117-23G OC 117-25G

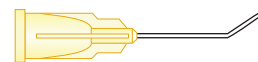
OC 117-27G OC 117-30G



OC 119 BISHOP HARMON CANNULA

19G x 25mm Angled 40°, 8mm from End

OC 119-19G



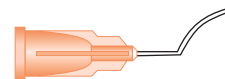
VISCOELASTIC CANNULA

FOR EASIER INJECTION OF VISCOELASTIC TO ALL MERIDIANS. DOME SHAPE PROVIDES SAFE INSERTION

OC 120 VISCOELASTIC CANNULA

23G x 22mm Formed 11mm from End

OC 120-23G OC 120-25G OC 120-27G

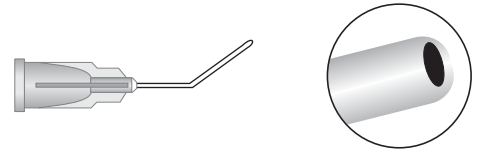


IRRIGATING & ASPIRATING CANNULA

For Injecting or Removing Air, Fluids

OC 121 VISCOELASTIC CANNULA
23G x 22mm Angled 45°, 9mm From End

OC 121-23G OC 121-25G OC 121-27G



SIMCOE I AND A CANNULA

OC 122 I & A CANNULA (SIMCOE REGULAR)
23G/23G, Thin Wall Cannula
Silicon Tubing 30cm, 0.30mm Aspiration Port

OC 122-21G OC 122-22G OC 122-23G OC 122-25G

OC 267 I & A CANNULA (SIMCOE REGULAR)
23G/23G, Thin Wall Cannula SAND BLASTED
Silicon Tubing 30cm 0.30mm Aspiration Port

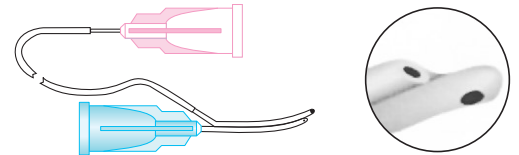
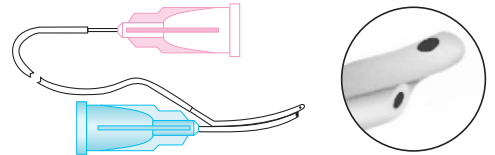
OC 267-21G OC 267-22G OC 267-23G OC 267-25G

OC 123 I & A CANNULA (SIMCOE REVERSE)
23G/23G, Thin Wall Cannula
Silicon Tubing 30cm 0.30 Aspiration Port

OC 123-21G OC 123-22G OC 123-23G OC 123-25G

OC 268 I & A CANNULA (SIMCOE REVERSE)
23G/23G, Thin Wall Cannula SAND BLASTED
Silicon Tubing 30 cm 0.30 Aspiration Port

OC 268-21G OC 268-22G OC 268-23G OC 268-25G



J SHAPE I / A CANNULA

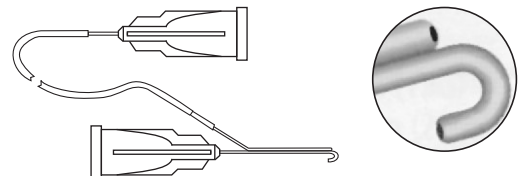
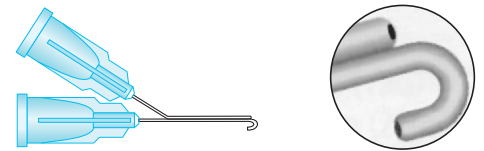
OC 124 J SHAPE I / A CANNULA
(23G/23G) Open End Aspiration Port

OC 124-23G OC 124-25G

OC 125 J SHAPE I / A CANNULA
(23G/23G) Aspiration Port 0.30mm

OC 125-23G OC 125-25G

OC 254 J Shape Simcoe 23G
(23G/23G) Thin Wall Cannula
Silicon Tubing 30cm 0.30mm Aspiration Port



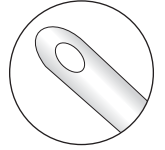
IRRIGATING / ASPIRATING CANNULA WITH TITANIUM HANDLE

IRRIGATING HANDPIECE



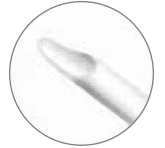
OC 211 BI-MANNUAL IRRIGATING HANDPIECE
19G 2 OVAL IRRIGATING PORT

OC 211-19G OC 211-20G OC 211-21G OC 211-22G
OC 211-23G



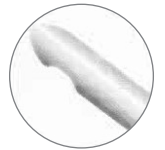
OC 212 BI-MANNUAL IRRIGATING HANDPIECE
19G 1 TOP PORT FRONT OPENING

OC 212-19G OC 212-20G OC 212-21G OC 212-22G
OC 212-23G



OC 213 BI-MANNUAL IRRIGATING HANDPIECE
19G 1 SIDE PORT CURVED TIP

OC213-21G 2 x 0.35mm Side Port
OC213-21G 2 x 0.5mm Side Port
OC213-21G 2 x 0.6mm Side Port



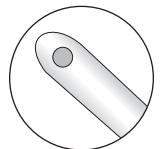
OC 214 BI-MANNUAL IRRIGATING HANDPIECE
19G 1 TOP PORT FRONT OPENING, CURVED TIP

OC 214-20G OC 214-21G OC 214-22G OC 214-23G



OC 221 BI-MANNUAL IRRIGATING HANDPIECE
19G 2 ROUND IRRIGATING PORT

OC 221-19G OC 221-20G OC 221-21G OC 221-22G
OC 221-23G



IRRIGATING PHACO CHOPPERS

OC 219 PHACO CHOPPER NAGAHARA
19G WITH IRRIGATION,
2 IRRIGATING PORT ANGLED TIP

OC 219-20G OC 219-21G OC 219-22G OC 219-23G



OC 220 PHACO CHOPPER ROSEN
19G WITH IRRIGATION,
2 IRRIGATING PORT ROSEN TYPE CHOPPER

OC 220-21G OC 220-22G OC 220-23G



IRRIGATION ASPIRATING CANNULA WITH TITANIUM HANDLE

ASPIRATING HANDPIECE



OC 215 BI-MANNUAL ASPIRATING HANDPIECE
23G ASPIRATING PORT SAND BLASTED

OC 211-21G OC 211-22G OC 211-23G



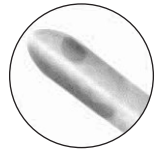
OC 216 BI-MANNUAL ASPIRATING HANDPIECE
21G ASPIRATING PORT SAND BLASTED
ANTI-COLLAPSE SYSTEM

OC 216-20G OC 216-21G OC 216-22G OC 216-23G



OC 217 BI-MANNUAL ASPIRATING HANDPIECE
23G TOP ASPIRATING PORT, CURVED FLAT TIP
SAND BLASTED 0.3mm top port regular

OC 217-20G OC 217-21G OC 217-22G OC 217-23G



OC 218 BI-MANNUAL ASPIRATING HANDPIECE
21G 1 TOP FRONT OPENING PORT

OC 218-21G OC 218-22G OC 218-23G

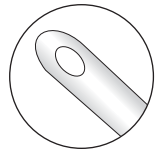
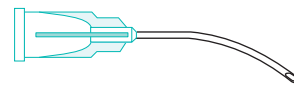


Sterile Disposable Bi-manual Sets Also Available With Aluminum Handles

BI-MANNUAL I / A CANNULA

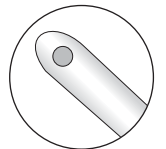
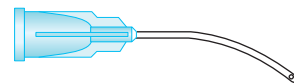
OC 126 BI-MANNUAL IRRIGATING CANNULA
19G OVAL IRRIGATING PORT FOR BI-MANNUAL

OC 126-19G OC 126-20G OC 126-21G OC 126-23G
OC 126-25G OC 126-27G



OC 266 BI-MANNUAL IRRIGATING CANNULA
19G ROUND IRRIGATING PORT FOR BI-MANNUAL

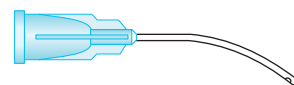
OC 266-19G OC 266-20G OC 266-21G OC 266-23G
OC 266-25G OC 266-27G



SAND BLASTED 2MM FROM END ALSO USED IN CAPSULE POLISHING

OC 127 BI-MANNUAL ASPIRATING CANNULA
19G ASPIRATING PORT

OC 266-19G-0.3 OC 266-20G-0.3 OC 266-21G
OC 266-23G OC 266-25G OC 266-27G



While Ordering Please let us know about Port Size 0.3 or 0.4

HYDRODELINEATION / HYDRODISSECTION

FOR SEPARATING THE NUCLEOUS AND SOFTENING LAYER SHORTENED, SINGLE BEVEL TIP EASILY PENETRATES THE NUCLEUS FOR MANUAL SCULPTING TO IMPROVE LAMELLAR SEPARATION PRIOR TO PHACOEMULSIFICATION

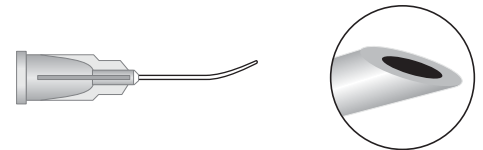
HYDRODELINEATION CANNULA

OC 128 NUCLEUS HYDRODELINEATOR (P. KOCH)
23G X 22mm

OC 128-23G OC 128-25G OC 128-27G OC 128-30G

OC 129 TAPERED HYDRODELINEATOR (BLUMENTHAL)
23G X 22mm, ANGLED 45° 4mm Bend

OC 129-23G OC 129-25G OC 129-27G OC 129-30G



HYDRODISSECTOR CANNULA

OC 130 NUCLEOUS HYDRODISSECTOR (MCINTYR)
23G x 22mm, ANGLED 45° BEND
11mm FROM END FLATTENED TIP

OC 130-23G OC 130-25G OC 130-27G OC 130-30G

OC 131 NUCLEOUS HYDRODISSECTOR (PEARCE)
23G x 22mm, ANGLED 35°, bend
8mm FROM END FLATTENED TIP

OC 131-23G OC 131-25G OC 131-27G OC 131-30G

LAST LETTER OF CAT # DENOTES THE BEND FROM END ANY OTHER SPECIFIC BEND CAN BE MADE ON ORDER

J SHAPE HYDRODISSECTOR CANNULA

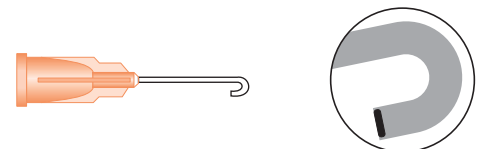
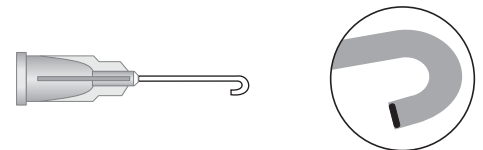
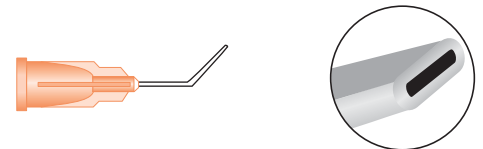
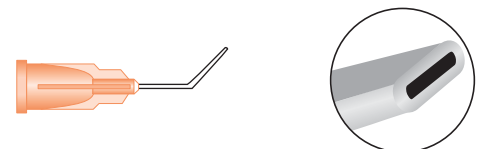
Micro Saptulated Tip for easy entry through wound under capule hook

OC 132 MICRO J SHAPE HYDRODISSECTOR (PEARCE)
25G x 22mm,
HOOK 2.00mm LONG x 2.50mm WIDE Flattened Tip

OC 132-25G OC 132-27G

OC 133 J SHAPE MICRO HYRDODISSECTOR (PEARCE)
18G X 22mm, HOOK 1.75mm LONG X 2.25mm
WIDE Flattened Tip

OC 133-25G OC 133-27G



HYDRODISSECTOR CANNULA

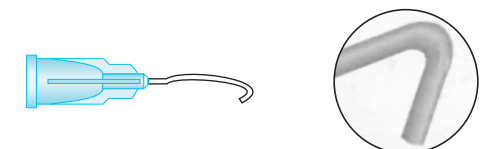
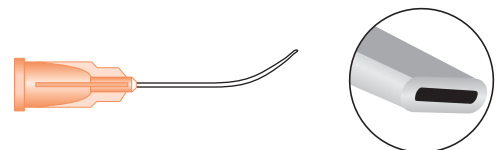
OC 134 NUCLEOUS HYDRODISSECTOR CANNULA (SAUTER)
25G X 22mm, Tip is Flattened on the Vertical Flattened Tip

OC 134-25G OC 134-27G OC 134-30G

Designed to express the nucleus with viscoelastic through a Capsulorhexis during ECCE

OC 135 VISCOEXPRESSION CANNULA (CORYDON)
23G X 22MM, ANGLED 30°, 1.8MM FROM END

OC 135-23G OC 135-25G OC 135-27G

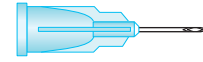


VITREORETINAL CANNULA

FOR POSTERIOR SEGMENT (RETINAL) SURGICAL PROCEDURES

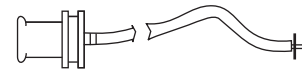
OC 136 HIGH VISCOSITY INJECTOR (PEYMAN) 19G X 9MM
SPECIALLY DESIGN TO INJECT OR ASPIRATE OF SILICON OIL
IN THE REPAIR OF RETINAL DETACHMENT

OC 136-19G OC 136-20G OC 136-21G OC 136-22G
OC 136-23G OC 136-25G



OC 137 INFUSION CANNULA
20G X 2.5 / 4 / 6MM
ULTRA THIN WALL CANNULA
BEVELED 45° TIP, 25CM WITH SILICON FLEXIBLE TUBING

OC 137-20G



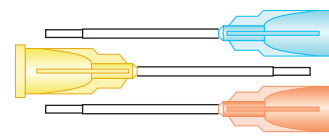
OC 265 INFUSION LINE MIVS
23G X 2.5 / 4 / 6MM
FOR 23G/25G VITRECTOMY

OC 265-23G OC 265-25G



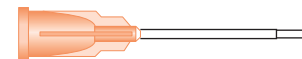
OC 138 SILICONE TIP CANNULA
20G SILICONE TIP EXTENDS FROM END
ALSO AVAILABLE IN 6MM EXTENDED SILICONE TIP

OC 138-20G OC 138-23G OC 138-25G



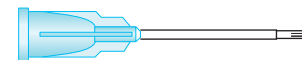
OC 252 SILICONE CANNULA
Diamond Dusted
20G X 30MM SILICONE TIP EXTENDS FROM END

OC 252-20G OC 252-23G OC 252-25G



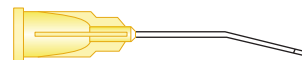
OC 139 SILICONE BRUSH CANNULA
HAVE SLITS FOR ATRAUMATIC
BRUSHING OF RETINA

OC 139-20G OC 139-23G OC 139-25G



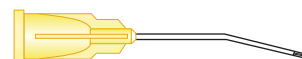
OC 207 SILICONE TIP CANNULA CURVED
20G X 30MM SILICONE TIP EXTENDED FROM END

OC 207-20G OC 207-23G



OC 208 SILICONE BRUSH CURVED
HAVE SLITS FOR ATRAUMATIC
BRUSHING OF RETINA

OC 208-20G OC 208-23G

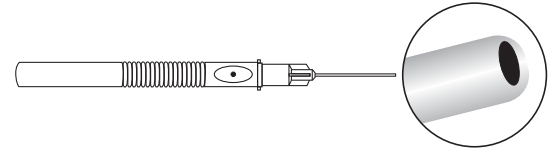


VITREORETINAL CANNULA

FOR POSTERIOR SEGMENT (RETINAL) SURGICAL PROCEDURES

OC 140 FLUTE CANNULA WITH VACCUME HANDLE 20G x 28mm
WITH FINGER TIP CONTROL PROVIDE AN
EXTN PORT FOR BLOOD OR DEBRIS WHEN
USED WITH INDEPENDENT INFUSION

OC 140-20G OC 140-23G OC 140-25G



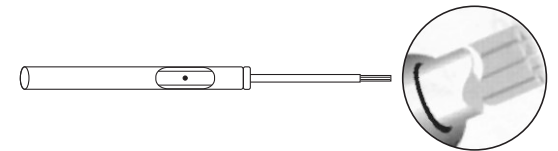
OC 141 BACK FLUSH FLUTE HANDLE
WITH SILICONE TIP CANNULA

OC 141-20G OC 141-23G OC 141-25G



OC 251 BACK FLUSH FLUTE HANDLE
WITH SILICONE BRUSH CANNULA

OC 251-20G OC 251-23G OC 251-25G



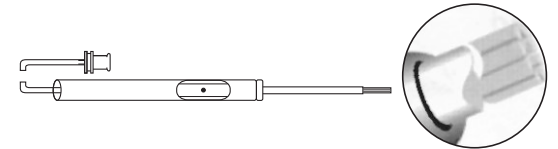
OC 142 BACK FLUSH FLUTE HANDLE WITH ACTIVE
ASPIRATION WITH SILICONE TIP CANNULA

OC 142-20G OC 142-23G OC 142-25G



OC 257 BACK FLUSH FLUTE HANDLE WITH ACTIVE
ASPIRATION WITH SILICONE BRUSH CANNULA

OC 257-20G OC 257-23G OC 257-25G



OC 176 PFCL I/A CANNULA
(PERFLUOROCARBON CO-AXIAL I/A CANNULA)
25G x 37mm OPEN END IRRIGATION PORT
INSIDE THE 19G ASPIRATION PORT (.4MM)

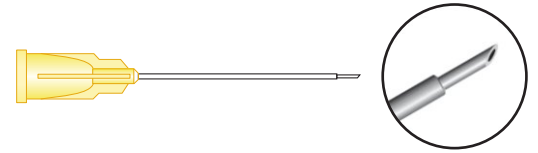


OC 177 PFCL I/A CANNULA
(PERFLUOROCARBON I/A CANNULA)
25G x 37mm OPEN END IRRIGATION PORT
WITH 25G ASPIRATION PORT



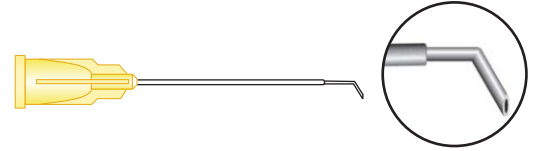
VITREORETINAL CANNULAE

OC 178 VITREORETINAL TAPERED NEEDLE
20G Tapers to 30G Straight tip
4mm / 5mm Straight



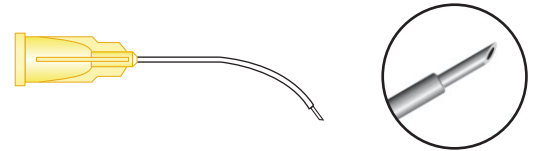
OC 178-20G

OC 179 VITREORETINAL TAPERED NEEDLE
20G Taper to 30G Straight tip
4mm / 5mm Angled 45°



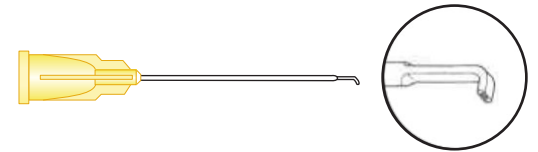
OC 179-20G

OC 201 VITREORETINAL TAPERED NEEDLE
20G Tapers to 30G Curved tip
4mm / 5mm Straight



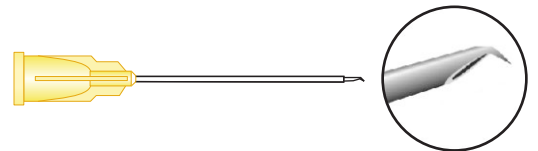
OC 201-20G

OC 202 VITREORETINAL VISCODISSECTOR
20G Tapers to 30G Straight



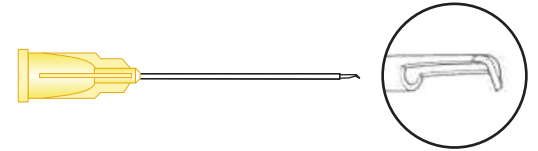
OC 202-20G

OC 203 VITREORETINAL MICRO PICK
20G Tapers to 25G, 25mm Long tip
4mm / 5mm, Sharp to edge bent 50°



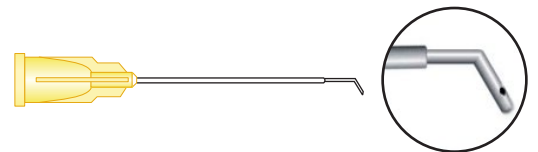
OC 203-20G

OC 204 VITREORETINAL MICRO PICK
20G Tapers to 25G, 25mm Long tip



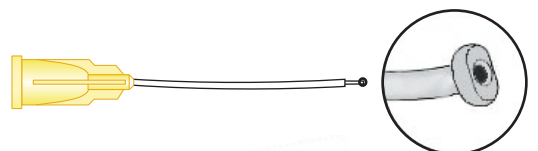
OC 204-20G

OC 205 VITREORETINAL DRAINAGE NEEDLE (PACKO)
20G Tapers to 25G, Straight
Tip 4mm / 5mm Angled, Side Port



OC 205-20G

OC 206 VITREORETINAL PACKO CANNULA
FOR PARS PLANA SURGERY



OC 206-20G

OC 209 IRRIGATING LENS SET OF 3 LENS

OC 210 IRRIGATING LENS BI- CONCAVE HAND HELD

OC 246 IRRIGATING LENS PLANO CONCAVE

OC 247 IRRIGATING LENS WIDE ANGLE 90D



CAPSULE POLISHERS CANNULA

FOR POLISHING AND CLEARING RESIDUAL CORTEX FROM CAPSULAR BAG FOR INSERTION OF INTRAOCULAR LENS. VERY USEFUL IN BIMANUAL TECHNIQUE FLEXIBLE SLEEVE GIVES ATRAUMATIC INSERTION & REMOVAL

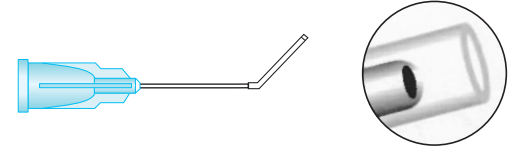
OC 143 FLEXIBLE TIP POLISHER (ENGELS)
25G x 22mm, CURVED 42°

OC 143-25G OC 143-27G



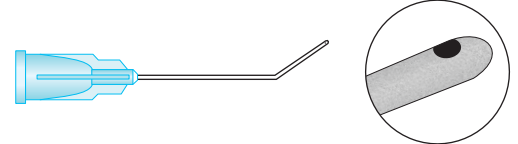
OC 144 FLEXIBLE TIP CANNULA
23G x 22mm SLEEVE 10 mm angled 45°

OC 144-23G OC 144-25G OC 144-27G



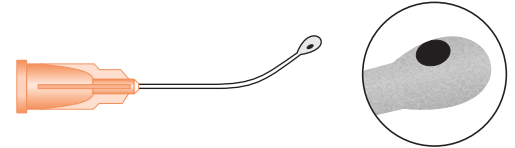
OC 145 CAPSULE POLISHER (KRATZ)
23G x 22mm 0.30mm TOP PORT ANGLED 35°

OC 145-23G OC 145-25G



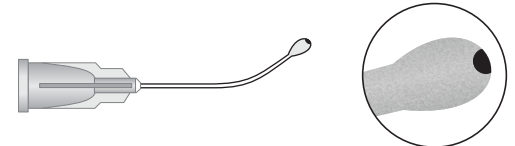
OC 146 OLIVE TIP POLISHER (PEARCE)
25G x 25mm OLIVE SHAPED TIP WITH TOP PORT
ANGLED 30°

OC 146-25G OC 146-27G

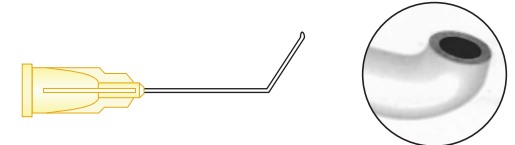


OC 182 BULBOUS TIP POLISHER (JENSON)
27G x 28mm BULBOUS SHAPED TIP WITH END
PORT SAND BLASTED, LIGHT CURVE

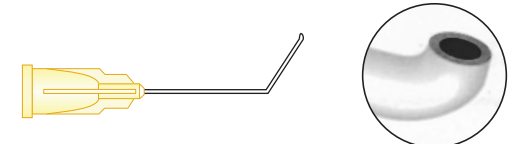
OC 182-27G



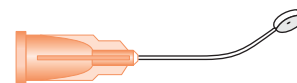
OC 147 ANTERIOR CAPSULE SCRUBBER (SIMCOE)
19G x 19mm
ANGLED 30°



OC 148 POSTERIOR CAPSULE SCRUBBER (SIMCOE)
19G x 19mm unique for posterior capsule
ANGLED 30°



OC 149 CAPSULAR POLISHER (CRAFF) 25G x 22mm
DISK SHAPE TIP WITH
CENTRE IRRIGATION PORT

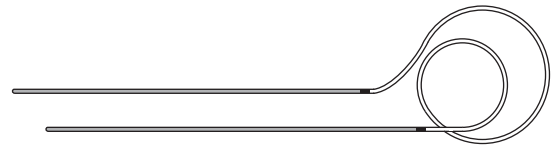


LACRIMAL INTUBATION SET

For Nasolacrimal System.

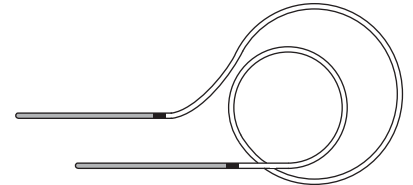
OC 156 LACRIMAL INTUBATION SET STAINLESS STEEL PROBE WITH
23G x 11cms SILICONE TUBING
(PROBE AVAILABLE 4.00 CM TO 20.00CM)
"Last letter of cat # Denotes the Length"

OC156-21G-11 OC156-23G-11 OC156-25G-11
OC156-27G-11



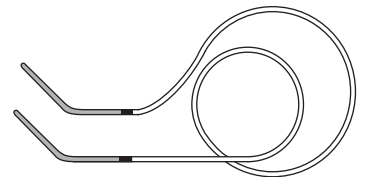
OC 157 DACRYOCYSTORHINOSTOMY (DCR)
STAINLESS STEEL PROBE 20G x 4.50 CMS
WITH 30cm SILICONE TUBE, STRAIGHT

OC157-20G OC157-21G OC157-27G



OC 158 DACRYOCYSTORHINOSTOMY (DCR)
STAINLESS STEEL PROBE 20G x 4.50 CMS
WITH 30cm SILICONE TUBE, CURVED

OC157-20G OC157-21G



OC 180 LACRIMAL INTUBATION SET OLIVE TIP
STAINLESS STEEL PROBES WITH OLIVE SHAPE TIPS
23G x 11 CMS SILICONE TUBING

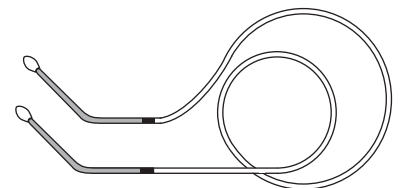
OC 180-21G-11 OC 180-23G-11 OC 180-25G-11
OC 180-27G-11



(PROBE AVAILABLE 4.00 CM TO 20cm)

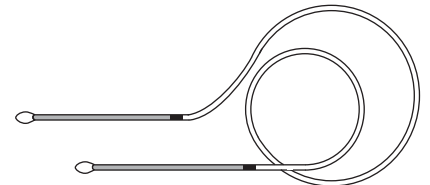
OC 181 DACRYOCYSTORHINOSTOMY (DCR)
OLIVE TIP STAINLESS STEEL PROBE 20G x 4.50 CMS
WITH 30cm SILICONE TUBE, CURVED

OC181-20G OC181-21G



OC 248 DACRYOCYSTORHINOSTOMY (DCR)
OLIVE TIP STAINLESS STEEL PROBE 20G x 4.50 CMS
WITH 30cm SILICONE TUBE, STRAIGHT

OC 248-20G OC 248-21G



LACRIMAL CANNULAE

OC 196 LACRIMAL CANNULA
26G X 28MM

OC 196-21G OC 196-23G OC 196-25G OC 196-26G
OC 196-27G

OC 269 LACRIMAL CANNULA
26G X 21MM

OC 269-21G OC 269-23G OC 269-25G OC 269-26G
OC 269-27G

OC 197 LACRIMAL CANNULA (SHAHINIAN)
23G X 12mm 0.30MM SIDE PORT

OC 197-23G

OC 198 LACRIMAL CANNULA REINFORCED
20G SHAFT ATTACHED TO 23G MALLEABLE CANNULA

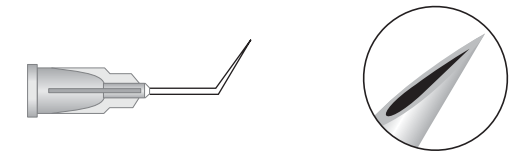
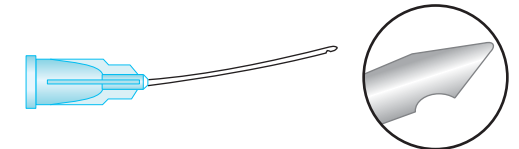
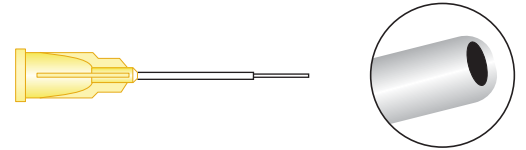
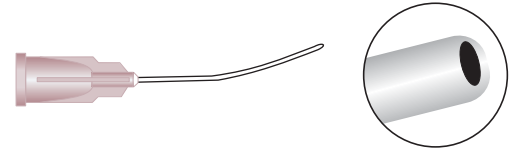
OC 198-20G

OC 199 LACRIMAL CANNULA WEST
23G X 30MM, CURVED WITH 0.3MM TOP PORT

OC199-23G

OC 200 GLAUCOMA REVISION PICK (LEDERER)
27G X 16MM, 30°/60°

OC 200-27G



LENS REMOVAL CANNULAE

FOR REMOVING NUCLEOUS

OC 159 IRRIGATING VECTIS (KNOLE-PEARCE)
23G x (LOOP 5mm WIDE, 9mm LONG),
PORT 1 TO 3



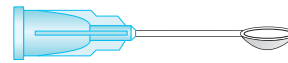
OC 160 IRRIGATING VECTUS (DREWS-KNOLLE)
23G x 1 FORWARD AND 2 REVERS IRRIGATING PORTS



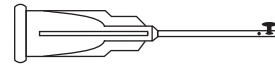
OC 161 SMALL INCISION NUCLEUS DELIVERY CANNULA
USED TO REMOVE LARGER FRAGMENTS



OC 162 NUCLEUS DELIVERY SPOON CANNULA
23G x 3mm / 4.5mm WIDTH
VERY USEFUL WITH TRISECTORE
FOR TAKE OUT BIGGER FRAGMENTS



OC 163 COLLAR BUTTON (GRAETHER)
SIDE IRRIGATION, MICRO IRIS RETRACTOR



CORTEX ASPIRATION

FOR REMOVING CORTICAL DEBRIS AND USEFUL FOR RETRACTING IRIS.

OC 164L CORTEX ASPIRATING CANNULA
(MCIN-BINKHORST)
BLUNT TIP, FRONT OPENING HOOKED
26G x 22mm LEFT

OC164-26G

OC 260 RIGHT

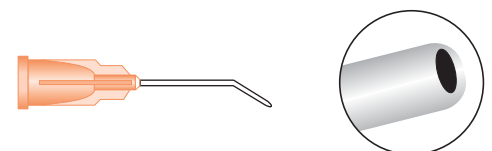
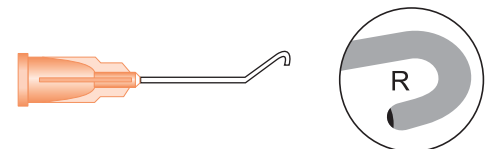
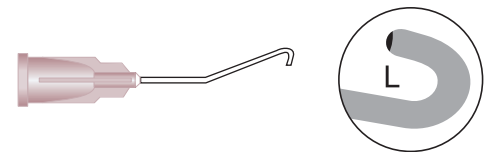
OC 165 CORTEX ASPIRATOR (ALPERN)
25G x 22mm, ANGLED 45° HOOK
1.50mm x 1.75 mm
J SHAPED CURVED LEFT

OC 165-25G

OC 261 RIGHT

OC 166 AIR FLUID EXCHANGER (RAMSEY)
25G x 16mm, ANGLED 45°

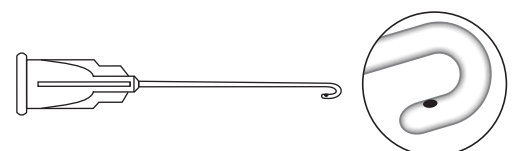
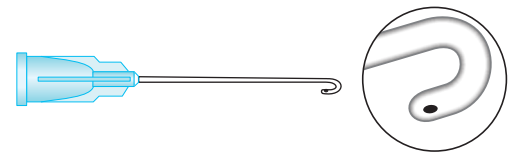
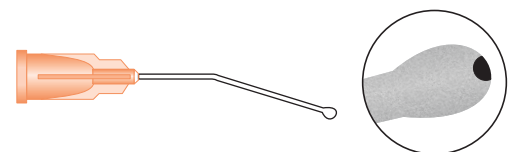
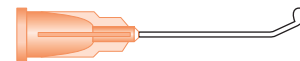
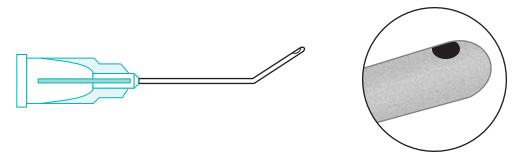
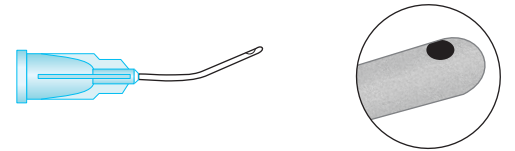
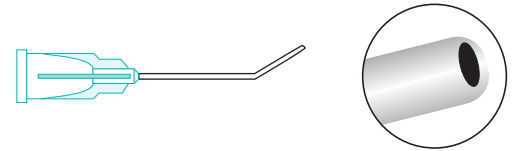
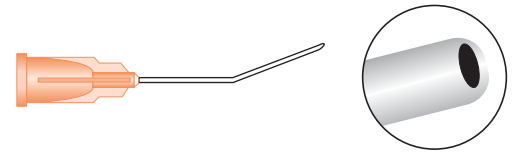
OC 165-25G



CORTEX ASPIRATION

FOR REMOVING CORTICAL DEBRIS AND USEFUL FOR RETRACTING IRIS.

- OC 167 ASPIRATING CANNULA (GILLS)
25G, ANGLED TO TIP 5mm /6mm / 8mm / 10mm
- OC167-25G
- OC 168 ASPIRATING CANNULA (HEALON)
SPATULATED, LENGTH 32mm
ANGLED 10mm FROM TIP
- OC168-19G OC168-21G OC168-22G
- OC 169 CORTEX EXTRACTOR (SIMCOE)
SMOOTH TIP WITH TOP ASPIRATING PORT
- OC169-21G x 13mm OC169-21G x 21mm
OC169-23G x 13mm OC169-23G x 21mm
- OC 170 CORTEX EXTRACTOR (SIMCOE-WELSH)
ANGLED 10mm FROM TIP 0.3mm ASPIRATING PORT
- OC170-21G OC170-23G
- OC 171 CORTEX EXTRACTOR (WELSH)
25G x 25mm FLAT OLIVE TIP STRAIGHT
- OC171-25G
- OC 262 LEFT
OC 263 RIGHT
- OC 172 ALPHA CHROMOSTRYPSIN ASPIRATING
CANNULA (TROUTMAN 25G x 26mm SMOOTH
BULBOUS TIP
- OC172-25G
- OC 173 CORTEX EXTRACTOR
24G X 12.5mm, 0.30MM END PORT ANGLED 10°
FLAT END OPENING HAS ROUNDED EDGES
- OC 174 U SHAPED ASPIRATING CANNULA
HOOK 1.50mm x 1.75mm WIDE LENGTH 22mm
- OC 174-21G OC 174-23G OC 174-25G
- OC 175 J SHAPED CANNULA (Inside Port)
24G x 19mm hook 2.75mm x 2.5 mm very useful
for aspiration of cortex from the
superior iris between 10-2 O' clock meridian
- OC175-24G



LASIK CANNULAE

- OC 188 LASIK IRRIGATING CANNULA (BANAJI)
25G SPECIALLY DESIGN TO SIDWAYS ENTRY
INTO THE FLAP WITHOUT DRAGGING
EPITHELIUM INTO THE INTERFACE
IRRIGATION BY 4 x 2 PORTS

OC188-25G

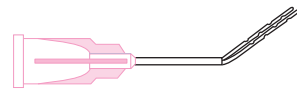


- OC 189 LASIK FLAP POSITIONER (LINDSTROM)
SLEEVE 14mm VERY USEFUL TO REPOSITION
LASIK FLAP FOR
A SMOOTH TIP AT THE INTERFACE



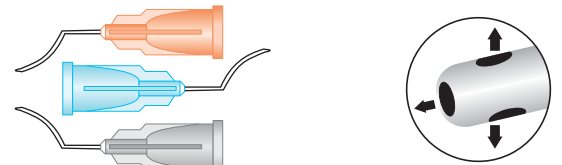
- OC 190 LASIK DOUBLE ARM CANNULA
25G IRRIGATION BY FOUR PORTS

OC190-25G OC190-27G



- OC 191 LASIK IRRIGATING CANNULA (RUBENSTEIN)
23G X 28 MM, 45° ANGLED 8MM 3 PORT

OC191-23G OC191-25G OC191-27G



- OC 192 LASIK IRRIGATING CANNULA (BURATTO)
23G X 22 MM 3 PORT

OC192-23G OC192-25G



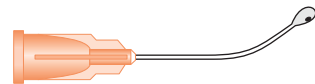
- OC 193 GIMBLE LASIK FOUNTAIN CANNULA
25G X 22 MM, 45° ANGLED 5MM

OC193-25G



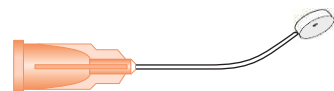
- OC 194 LASIK ALCOHOL CANNULA DISK SHAPE
25G/27G, DISK SHAPE TIP WITH CENTER
IRRIGATION PORT

OC194-25G OC194-27G



- OC 195 LASIK ALCOHOL CANNULA
25G DESIGN TO APPLY ALCOHOL SOLUTION

OC195-25G OC195-27G



LASIK CANNULAE

Useful in lasik and other refractive surgery

OC 231 LASIK FLAP IRRIGATING CANNULA (HERSH)
23G X 22MM

OC 231-23G

OC 232 LASIK IRRIGATING CANNULA
23G X 22MM 9 MM FORMED FROM END

OC 232-23G

OC 233 LASIK IRRIGATING CANNULA
27G X 22MM 11 MM FORMED FROM END

OC 233-27G

OC 234 LASIK IRRIGATING CANNULA
25G X 22MM FORMED 7 MM IRRIGATION BY 6 PORTS

OC 234-25G

OC 235 LASIK IRRIGATING CANNULA (SOLOMON)
25G X 22MM FOR FLAP REPLACEMENT
IRRIGATION BY 3 x 2 PORTS

OC 234-25G

OC 236 LASIK CANNULA (DAYA)
21G X 22MM FORMED 11 MM FLATTENED TIP

OC 236-21G

OC 237 LASIK CANNULA (DAYA)
23G X 22MM FORMED 11 MM FLATTENED TIP

OC 237-23G

OC 238 LASIK DOUBLE ARM CANNULA (VIDAURRI)
TWO 25G PARALLEL TIPS 8 IRRIGATING PORTS

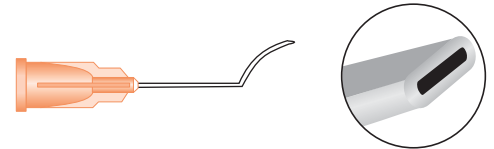
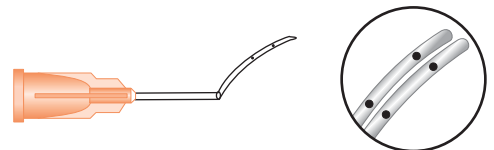
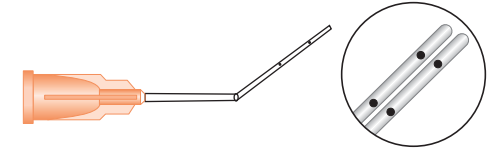
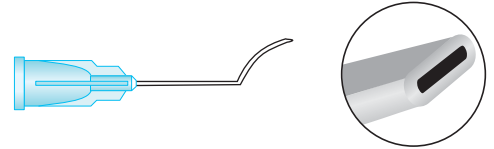
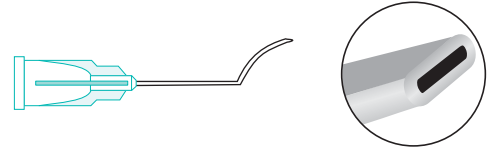
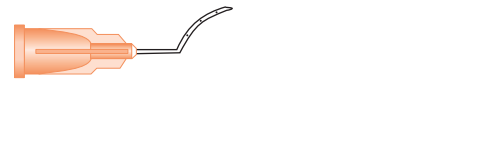
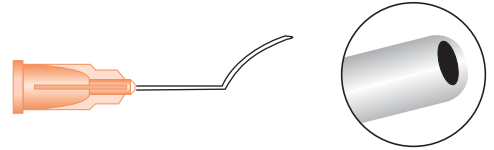
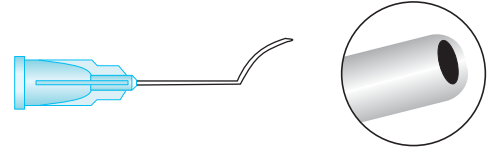
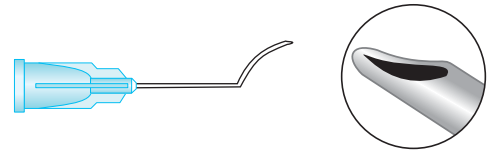
OC 238-25G

OC 270 LASIK DOUBLE ARM CANNULA (VIDAURRI)
TWO 25G PARALLEL TIPS
8 IRRIGATING PORTS CURVED

OC 270-25G

OC 239 LASIK IRRIGATING CANNULA (ROSEN)
25G X 22MM 9 MM FORMED AND FLATTENED TIP

OC 239-25G



LASIK CANNULAE

OC 240 LASIK IRRIGATING CANNULA
27G X 22MM 2 X 2 PORTS 9 MM FORMED FROM END,
TIP FLATTENED 1.5 MM FROM END

OC 240-27G

OC 241 LASIK IRRIGATING CANNULA
27G X 22MM 4 PORTS
9 MM FORMED FROM END

OC 241-27G

OC 242 LASIK IRRIGATING CANNULA
27G X 22MM 7 MM ANGLED 90°
TIP FLATTENED 2 MM FROM END

OC 242-27G

OC 243 LASIK IRRIGATING CANNULA (ASSIS)
27G X 22MM 3 PORTS (SINGLE SIDE)
9 MM FORMED FROM END,
TIP FLATTENED 1.5 MM FROM END

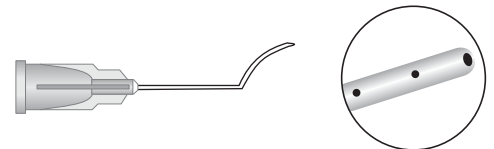
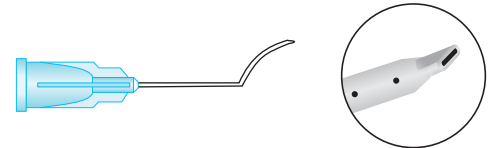
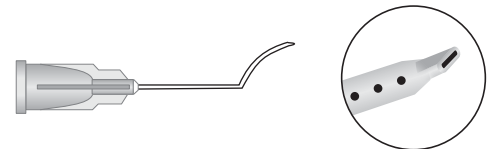
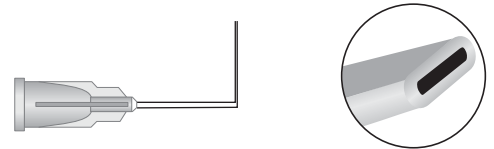
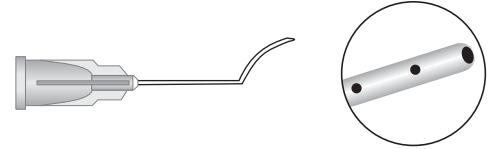
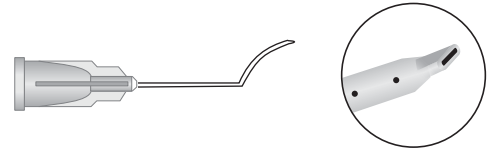
OC 243-27G

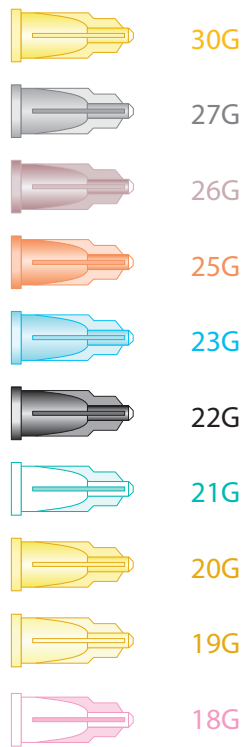
OC 244 LASIK IRRIGATING CANNULA
23G X 22MM 4 PORTS 11 MM FORMED FROM END,
TIP FLATTENED 1.5 MM FROM END


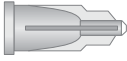

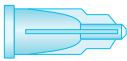
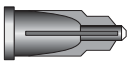
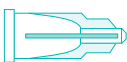


OC 244-23G

OC 245 LASIK IRRIGATING CANNULA
27G X 22MM 6 PORTS
9 MM FORMED FROM END

OC 245-27G





Hub Colour	Gauge	Tube Outer Diameter (mm)	Tube Inner Diameter (mm)
	30G	0.3	0.15
	27G	0.4	0.20
	26G	0.45	0.25
	25G	0.5	0.25
	23G	0.6	0.33
	22G	0.7	0.41
	21G	0.8	0.51
	20G	0.9	0.60
	19G	1.1	0.70
	18G	1.2	0.85

Hub colours comply with ISO 6009

Tube dimensions comply with BS EN ISO 9626