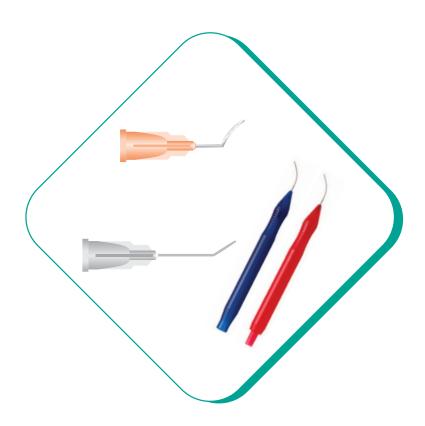


# OPHTHALMIC CANNULA SINGLE USE







#### **OVATION** INTERNATIONAL

©VATION 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.

Ovation International is ISO:13485 Certified Company. Working according to European Medical Device Standards 93/42/EEC, Our Product Range of Disposable Ophthalmic Cannula's, Knives, Vitreoretinal, Cataract, Corneal & other Instruments are CE Certified from last 10 years.

Conscious efforts are constantly made at Ovation to develop a long-term relationship with our costumers by providing quality products at relatively competitive prices in a framed time limit

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.

due to continuous development and improvment the given specifications the product design and construction are subject to change without any notice.

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#### **OPHTHALMIC CANNULA**

#### **Anaesthesia Administration**

For administering local anesthetic prior to Ophthalmic surgery.

#### **RETROBULBAR**

OC 101 RETROBULBAR (ATKINSON)

25G x 38 mm

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

OC 102 RETROBULBAR (SHARP POINT)

25G x 38 mm

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

OC 103 RETROBULBAR (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 PERIBULBAR (ATKINSON) x 22 mm

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

#### RETRO/PERIBULBAR

OC 249 RETRO / PERIBULBAR (ATKINSON)

25G 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

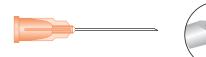
OC107-19G OC107-20G OC107-21G OC107-22G

OC 107-23G OC 107-25G OC 107-27G

OC 307 SUBTENON'S ANESTHESIA CANNULA

(FLATTENED OPEN TIP) LENGTH 25MM

OC307-19G OC307-20G OC307-21G OC307-22G





































# Capsulotomy

Sharp Tip cystotome for creating an opening Into the Anterior capsule

| OC 108 | IRRIGATING C<br>25G x 16 mm | Cystotome (stra                     | NGHT)      |                          |   |  |
|--------|-----------------------------|-------------------------------------|------------|--------------------------|---|--|
|        | OC108-23G                   | OC108-25G                           | OC108-27G  | OC108-30G                |   |  |
| OC 109 | IRRIGATING C<br>23G x 16 mm | Cystotome (for)                     | MED)       |                          |   |  |
|        | OC 109-23G                  | OC 109-25G                          | OC 109-27G | OC 109-30G               |   |  |
| OC 250 | IRRIGATING C<br>23G x 11 mm | Cystotome (form                     | MED)       |                          |   |  |
|        | OC 250-23G                  | OC 250-25G                          | OC 250-27G | OC 250- <mark>30G</mark> |   |  |
| OC 110 |                             | CYSTOTOME (BLUN<br>n TIP ANGLED 45° |            | nd                       |   |  |
|        | OC 110-23G                  | OC 110-25G                          | OC 110-27G | OC 110-30G               |   |  |
| OC 253 |                             | Cystotome (Blun<br>n TIP ANGLED 45° |            |                          |   |  |
|        | OC 253-23G                  | OC 253-25G                          | OC 253-27G | OC 253- <mark>30G</mark> |   |  |
| OC 111 |                             | Cystotome (reve<br>TIP Angled 90°   |            |                          |   |  |
|        | OC 111-23G                  | OC 111-25G                          | OC 111-27G | OC 111- <mark>30G</mark> |   |  |
| OC 112 |                             | ATING CYSTOTOM<br>CURVED SHARP      | ,          |                          |   |  |
|        | OC 112-23G                  | OC 112-25G                          | OC 112-27G | OC 112-30G               | V |  |
| OC 279 | IRRIGATING C<br>25G x 16 mm | Cystotome angl                      | .ED        |                          |   |  |
|        | OC 279-23G                  | OC 279-25G                          | OC 279-27G | OC 279-30G               |   |  |
| OC 290 | CYSTOTOME :<br>25G x 16 mm  | Short Curved F                      | ORMED      |                          |   |  |
|        | OC 290-23G                  | OC 290-25G                          | OC 290-27G | OC 290-30G               |   |  |



OC 291 ENDOCAPSULAR CYSTOTOME FORMED (JOYCE)

25G x 16 mm

OC 291-23G OC 291-25G OC 291-27G OC 291-30G



OC 292 CYSTOTOME FORMED SHORT TIP

25G x 16 mm

OC 292-23G OC 292-25G OC 292-27G OC 292-30G



OC 293 CYSTOTOME FORMED

TIP ANGLED 35 DEG

25G x 16 mm

OC 293-23G OC 293-25G OC 293-27G OC 293-30G



OC 294 LONG CYSTOTOME FORMED

25G x 22 mm

OC 294-23G OC 294-25G OC 294-27G OC 294-30G



# Irrigating Cannula & Aspirating Cannula & Hand Peices

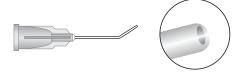
Air Injection & Irrigating Cannula

ANTERIOR CHAMBER CANNULA

For Injecting or Removing Air, Fluids

OC 113 ANTERIOR CHAMBER CANNULA (RYCROFT)
27G x 22 mm ANGLED 45° 4mm Bend from end

| MODEL NO.  | DESCRIPTION     |  |
|------------|-----------------|--|
| OC 113-21G |                 |  |
| OC 113-22G | 7 MM ANGLED 35° |  |
| OC 113-23G |                 |  |
| OC 113-25G |                 |  |
| OC 113-27G | 4 MM ANGLED 45° |  |
| OC 113-30G |                 |  |

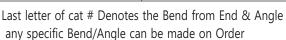


ANTERIOR CHAMBER CANNULA

For Injecting or Removing Air, Fluids

OC 300 ANTERIOR CHAMBER CANNULA (RYCROFT)
27G x 25 mm ANGLED 45° 4mm Bend from end

| MODEL NO.  | DESCRIPTION     |  |
|------------|-----------------|--|
| OC 300-21G |                 |  |
| OC 300-22G | 7 MM ANGLED 35° |  |
| OC 300-23G |                 |  |
| OC 300-25G |                 |  |
| OC 300-27G | 4 MM ANGLED 45° |  |
| OC 300-30G |                 |  |







OC 114 FLATTENDED ANTERIOR CHAMBER CANNULA 23G x 22 mm, (BRACKEN) CURVED 90° FLATTENED BEVEL TIP

OC 114-19G OC 114-20G OC 114-21G OC 114-23G

OC 114-25G OC 114-27G

OC 115 ANTERIOR CHAMBER maintainer (LEWICKY)
20G x 3.50mm attached SILICONE TUBING (25cm) ,
UNIQUE ANNULAR RINGS FOR SELF RETAINING

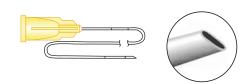
OC 115-20G OC 115-23G OC 115-25G

OC 116 ANTERIOR CHAMBER maintainer (BLUMENTHAL) 20G x 3.5mm WITH ATKINSON POINT SILICONE TUBING (25cm) ATTACHED

OC 116-20G OC 116- 23G OC 116- 25G







# **Irrigating Cannula**

OC 117 IRRIGATING CANNULA STRAIGHT (BLUNT TIP) 23G x 22mm Length

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

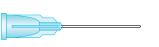
OC 117-27G OC 117-30G

OC 118 OLIVE TIP CANNULA 21G X 25mm, Angle 30° 10mm Bend Olive Shape Tip 2mm Long x 1mm wide

OC 118-21G OC 118-22G OC 118-23G OC 118-25G OC 118-27G OC 118-30G

OC 119 BISHOP HARMON CANNULA 19G x 25mm Angled 40°, 8mm from End

OC 119-19G OC 119- 20G OC 119- 21G













#### Viscoelastic Cannula

For Easier Injection Of Viscoelastic To All Meridians. Dome Shape Provides Safe Insertion

OC 120 VISCOELASTIC CANNULA

25G x 22mm Formed 11mm from End

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







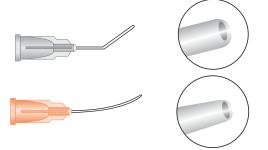
OC 121 VISCOELASTIC CANNULA

27G x 22mm Angled 45°, 9mm bend From End

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

OC 287 TAK MOD. VISCOELASTIC CANNULA

25G X 22MM Curved Tapered Tip



## I/A Cannula

For Injecting or Removing Air, Fluids

#### SIMCOE I & A CANNULA

CAT# - 4 Denotes 0.40MM Port (can be done on order)

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 | 1 & 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

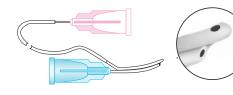
OC 125-23G OC 125-25G

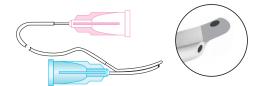
OC 254 J Shape Simcoe 23G

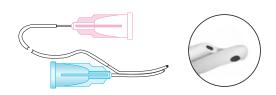
(23G/23G) Thin Wall Cannula

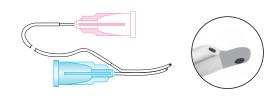
Silicon Tubing 30cm 0.30mm Aspiration Port

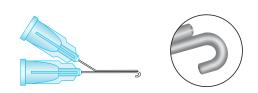
OC 254-L left OC 254-R Right

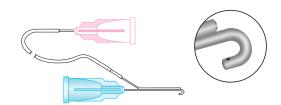














## I/A Cannula With Polycarbonate Handle

#### **IRRIGATING HANDPIECE**

OC 211 BI-MANNUAL IRRIGATING HANDPIECE 19G 2,OVAL IRRIGATING PORT 17MM CURVED

OC 211-20G OC 211-21G OC 211-22G

OC 211-23G

OC 212 BI-MANNUAL IRRIGATING HANDPIECE

19G 1 TOP PORT FRONT OPENING 17MM CURVED

OC 212-20G OC 212-21G OC 212-22G

OC 212-23G

OC 213 BI-MANNUAL IRRIGATING HANDPIECE

19G 1 SIDE PORT CURVED TIP 17MM CURVED

OC213-20G 2 x 0.35mm Side Port OC213-21G 2 x 0.5mm Side Port OC213-22G 2 x 0.6mm Side Port

OC 214 BI-MANNUAL IRRIGATING HANDPIECE

19G 1 TOP PORT FRONT OPENING, CURVED TIP 17MM

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

OC 221 BI-MANNUAL IRRIGATING HANDPIECE

21G 2 ROUND IRRIGATING PORT 17MM CURVED

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

OC 215 BI-MANNUAL ASPIRATING HANDPIECE

23G ASPIRATING PORT SAND BLASTED 17MM CURVED

OC 215-21G OC 215-22G OC 215-23G OC 215-25G

OC 216 BI-MANNUAL ASPIRATING HANDPIECE

21G ASPIRATING PORT SAND BLASTED CURVED

ANTI-COLLAPSE SYSTEM 17MM

OC 216-21G OC 216-20G 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 17MM

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

OC 217-22G OC 217-25G

OC 218 BI-MANNUAL ASPIRATING HANDPIECE

21G, 1 TOP FRONT OPENING PORT 17MM CURVED

OC 218-22G OC 218-23G OC 218-25G

Sterile Disposable Bi-mannual Sets Also Available With Aluminum Handles























#### **BI-MANNUAL I / A SET**

OC 219 BIMANNUAL SET, IRRIGATING 21G, 2 ROUND PORTS, ASPIRATING

21G 1PORT

OC 219-21G/21G OC 219-22G/22G OC 219-23G/23G

OC 220 BIMANNUAL SET, IRRIGATING 21G, 2 ROUND PORTS, ASPIRATING

23G 1PORT

OC 220-21G/23G

#### **BI-MANNUAL I / A CANNULA**

OC 126 BI-MANNUAL IRRIGATING CANNULA

OVAL IRRIGATING PORT 17MM FOR BI-MANNUAL CURVED

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

OC 126-25G OC 126-27G

OC 266 BI-MANNUAL IRRIGATING CANNULA

ROUND IRRIGATING PORT 17MM FOR BI-MANNUAL CURVED OC 266-20G OC 266-21G OC 266-23G

OC 266-25G OC 266-27G

OC 127 BI-MANNUAL ASPIRATING CANNULA

ROUND ASPIRATING PORT 17MM CURVED

OC 127-19G OC 127-20G OC 127-21G

OC 127-23G

| Port Size  |      |            |     |      |    |
|------------|------|------------|-----|------|----|
| Irrigating |      | Aspirating |     |      |    |
| 21G        | 0.45 | MM         | 21G | 0.35 | MM |
| 22G        | 0.40 | MM         | 22G | 0.35 | ММ |
| 23G        | 0.35 | MM         | 23G | 0.35 | ММ |

ASPIRATING CANNULA ARE SAND BLASTED 2MM FROM END

# Uni-manual Coaxial Disposable I/a System

OC 222 Angled Tip 20G 0.35 mm Port OC 223 Angled Tip 20G 0.40 mm Port

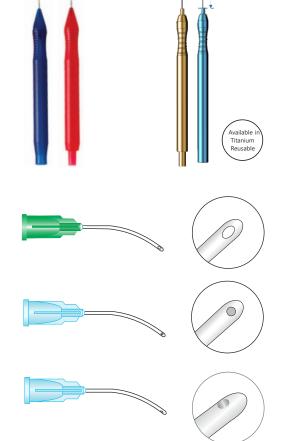
OC 224 Angled Tip 21G 0.35 mm Port OC 225 Angled Tip 21G 0.40 mm Port

OC 226 Angled Tip 22G 0.35 mm Port OC 227 Angled Tip 23G 0.30 mm Port

OC 228 Curved Tip 20G 0.35 mm Port OC 229 Curved Tip 21G 0.35 mm Port

OC 230 Curved Tip 23G 0.30 mm Port

- \* lightweight polycarbonate irrigation
- \* prolonged sleeve (plus 1.5mm)
- \* all G: 45% tip rough or smooth-polished
- \* compatible with your existed phaco or I/A system





## **Hydrodissection / Hydrodelineation**

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)

2G X 22mm

OC 128-22G OC 128-23G OC 128-25G OC 128-27G

TAPERED HRYDRODELINEATOR (BLUMENTHAL) OC 129

23G X 22mm, ANGLED 45° 4mm Bend

OC 129-22G OC 128-23G OC 129-25G OC 129-27G





HYDRODISSECTOR CANNULA

NUCLEOUS HYDRODISSECTOR (MCINTYR) OC 130

> 25G x 22mm, ANGLED 45° BEND 11mm FROM END FLATTENED TIP

OC 130-22G OC 128-23G OC 130-25G OC 130-27G

OC 130-30G

OC 131 NUCLEOUS HYDRODISSECTOR (PEARCE)

25G x 22mm, ANGLED 35°, bend 8mm FROM END FLATTENED TIP

OC 131-22G OC 128-23G 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)

27G 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) 25G X 22mm, HOOK 1.75mm LONG X 2.25mm

WIDE Flattened Tip

OC 133-25G OC 133-27G



OC 134 NUCLEOUS HYDRODISSECTOR CANNULA (SAUTER)

25G X 22mm, Tip is Flattened on the Vertical Flattened Tip OC 134-30G

OC 134-25G OC 134-27G

OC 308 Brody Femtosecond Dissecting Cannula 25G X 22mm, 11mm Bend Flattened.

FEMTOSECOND DISSECTING FOR LASER-ASSISTED CATARACT

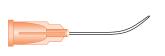
SURGERY,



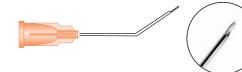














| OC 135 | VISCOEXPRESSION CANNULA (CORYDON)<br>23G X 22MM, ANGLED 30o, 1.8MM FROM END   |  |
|--------|---|--|
|        | OC 135-23G OC 135-25G OC 135-27G  |  |
| OC 278 | TAK HYDROSTITCH & HYDRODISECTION CANNULA<br>27G X 22MM<br>OC 278-27G  |  |
| OC 281 | HYDRODISECTION CANNULA (AKAHOSHI) 27G X 22mm Angled 2mm Tapered Tip OC 281-25G OC 281-27G   |  |
| OC 282 | HYDRODISECTION CANNULA (Helsinki) 27G X 22MM Falttened Tip Horizontal Plane OC 282-25G OC 282-27G   |  |
| OC 283 | HYDRODISECTION CANNULA (Kellan) 27G X 22MM Falttened Tip Vertical Plane OC 283-25G OC 283-27G   |  |
| OC 284 | HYDRODISECTION CANNULA CURVED<br>27G X 22MM Rounded Tip<br>OC 284-25G OC 284-27G  |  |
| OC 285 | HYDRODISSECTOR (CHANG) 27G X 19 mm Tip Angled 90 deg & flattended in the vertical plane OC 285-25G OC 285-27G                                   |  |
| OC 286 | HYDRODISSECTOR ANGLED (MACKOOL) 27G X 22mm Tip Angled 30 deg & flattended 4mm from tip. Tip falttened in horizontal plane OC 286-25G OC 286-27G |  |
| OC 287 | HYDRODISSECTOR<br>27G X 22mm Round tip 1.75mm wide J-shaped Tip<br>OC 287-25G OC 287-27G  |  |
| OC 288 | HYDRODISSECTOR CURVED (Frankfurt) 27G X 22mm 75 deg OC 288-25G OC 288-27G   |  |
| OC 289 | HYDRODISSECTOR FORMED (Daya) 27G X 22mm Tip Flattened in horizontal plane OC 288-25G OC 288-27G   |  |



#### **Vitreoretinal Cannula**

For Posterior Segment (retinal) Surgical Procedures

OC 136 HIGH VISCOCITY INJECTOR 20G X 8MM

SPECIALLY DESIGN TO INJECT OR ASPIRATE SILICON OIL

IN THE REPAIR OF RETINAL DETACHMENT OC 136-23G OC 136-25G OC 136-27G

**POLYMIDE TIP** 

OC 136P-23G OC 136P-25G OC 136P-27G

OC 137 IRRIGATING LINE CANNULA

20G X 2.5 / 4 / 6MM

ULTRA THIN WALL & PLATFORM FOR SUTURE

BEVELED 45° TIP, 25CM WITH SILICONE FLEXIBLE TUBING

OC 137-20G

OC 265 IRRIGATING LINE MIVS

23G X 5MM

FOR 23G/25G VITRECTOMY, TO BE USED WITH TROCAR

**SYSTEM** 

OC 265-23G OC 265-25G OC 265-27G

OC 138 SILICONE TIP CANNULA

23G X 32MM SILICONE TIP EXTENDS FROM END ALSO AVAILABLE IN 6MM EXTENDED SILICONE TIP

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

OC 138-27G

OC 252 SILICONE TIP CANNULA

Diamond Dusted

20G X 32MM 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** 

20G X 32MM SILICONE TIP EXTENDS FROM END

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

OC 140 FLUTE CANNULA

23Gx32mm

OC 140-20G OC 140-23G OC 140-25G OC-140-27G

OC 141 BACK FLUSH FLUTE HANDLE

WITH FINGER TIP CONTROL PROVIDE AN EXTN PORT FOR BLOOD OR DEBRIS WHEN

USED WITH INDEPENDENT INFUSION































#### **Vitreoretinal Cannula**

For Posterior Segment (retinal) Surgical Procedures

OC 251 BACK FLUSH FLUTE HANDLE

WITH SILICONE TIP CANNULA OC 138

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

OC 142 BACK FLUSH FLUTE HANDLE WITH ACTIVE

& PASSIVE ASPIRATION

OC 257 BACK FLUSH FLUTE HANDLE WITH ACTIVE

ASPIRATION & PASSIVE ASPIRATION WITH SILICONE TIP CANNULA

OC 138

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

OC 176 PFCL I/A CANNULA

(PERFLUROCARBON CO-AXIAL I/A CANNULA)

23G x 37mm INSIDE 30G OPEN END IRRIGATION PORT

& OUTER ASPIRATION PORT (0.4MM)

OC 176-23G OC 176-25G (INSIDE 32G)

OC 177 PFCL I/A CANNULA

(PERFLUROCARBON I/A CANNULA)

25G x 37mm OPEN END IRRIGATION PORT

WITH 25G ASPIRATION PORT

OC 177-25G

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

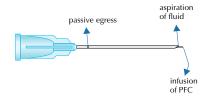
4mm / 5mm Straight

OC 201-20G





























#### Vitreoretinal Cannula

OC 202 VITREORETINAL VISCODISSECTOR 20G Tapers to 30G Straight

OC 202-20G





OC 203 VITREORETINAL MICRO PICK

25mm Long tip

4mm / 5mm, Sharp to edge bent 50°

OC 203-20G

TO WORK NEAR MACULAR HOLES

OC 204 VITREORETINAL MICRO PICK

32mm Long 0.5MM tip 45° ANGLED,

for lifting the edge of ILM or other retinal memebranes,

Easy injursation for trocar system

OC 204-20G OC 204-23G OC 204-25G

OC 204-27G

OC 205 VITREORETINAL CANNULA

30G X 12MM Straight **BEVEL SHARP TIP** OC 205-30G

OC 206 SUPRACHORDIAL INJECTION STRAIGHT CANNULA

27G EXTENDED TO 40G

27G X 15MM EXTENDED TO 40G X 5MM

OC 207 SILICONE TIP CANNULA CURVED

20G X 32MM SILICONE TIP EXTENDED FROM END

OC 207-20G OC 207-23G

OC 208 SILICONE BRUSH CURVED

20G X 32MM HAVE SLITS FOR ATRAUMATIC

**BRUSHING OF RETINA** OC 208-20G OC 208-23G

OC 209 IRRIGATING LENS SET OF 3 LENS

OC 210 IRRIGATING LENS BI- CONCAVE HAND HELD

Biconcave Irrigating Vitrectomy lens (-90D) It is designed to view the fundus in air-filled phakic and pseudophakic eyes. This lens has a refractive power of - 90D, a field of view of  $24^\circ$ .

OC 246 IRRIGATING LENS PLANO CONCAVE

Magnifying Irrigating Vitrectomy Lens(Plano/-45D)This lens is designed to visualize the structures

deep in vitreous in phakic & pseudophakic eyes. The lens has a 36 degree field of view.

OC 247 **IRRIGATING LENS WIDE ANGLE 90D** 

 $Wide field \ Irrigating \ Vitrectomy \ Lens \ This \ lens \ is \ designed \ for \ wide \ angle \ viewing \ of \ phakic, \ fluid \ filled \ eyes \ during$ vitrectomy. The lens helps in visualization of the posterior and peripheral fundus in phakic and aphakic eyes.

It is also useful in endolaser of peripheral fundus.







# **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



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°

OC145-19G OC 145-23G OC 145-25G

OC 146 OLIVE TIP POLISHER (PEARCE)

25G x 25mm OLIVE SHAPED TIP WITH TOP PORT

CURVED

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 IRRIGATING CAPSULE POLISHER

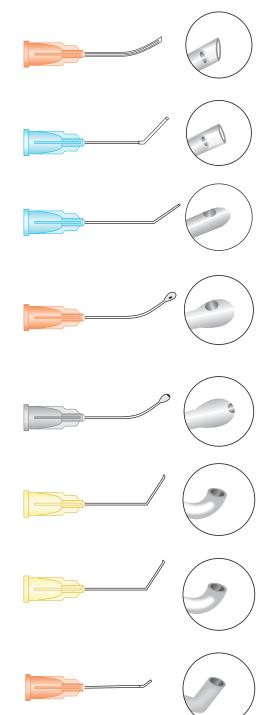
23 X 38MM, 3mm Bend from angled

Sand Blasted from bend to tip For Polishing the capsule

OC 21G

OC 22G

OC 23G





#### **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

LACRIMAL INTUBATION SET OLIVE TIP OC 180

STAINLESS STEEL PROBES WITH OLIVE SHAPE TIPS

23G x 11 CMS SILICONE TUBING

OC 180-21G-11 OC 180-23G-11

OC 180-27G-11 OC 180-25G-11

OC 181 DACRYOCYSTORHINOSTOMY (DCR)

> STAINLESS STEEL PROBES 4.5 CM DIA 0.90 MM SOLID SILICONE TUBING LENGTH 40 CM DIA 0.80 CM

OC180-20G OC180-21G

(Probe available 4.00 cm to 20cm)

LACRIMAL INTUBATION RETRIEVAL DEVICE OI 3457

RETRIEVAL DEVICE IS DESIGNED TO SLIDE INTO

NOTCH OF PROBE

FOR REMOVAL FROM THE INFERIOR MEATUS.



OC 248 FRONTALIS SUSPENSION SET

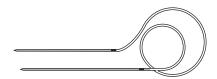
LENGTH 63 MM, DIA 0.90 MM

SOLID SILICON LENGTH 40 CM, DIA 0.80 MM

SLEEVE LENGTH 10 MM

OC248-20G OC248-21G









#### Lens Removal Cannulae

#### For Removing Nucleous

OC 159 IRRIGATING VECTIS (KNOLE-PEARCE)
23G x (LOOP 5mm WIDE, 9mm LONG),
PORT 1 TO 3 , 4 MM WIDE 8 MM LONG

**SERRATED** 

OC 160 IRRIGATING VECTIS (DREWS-KNOLLE)

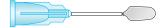
23GX38MM, 5MM WIDE

1 FORWARD AND 2 REVERS IRRIGATING PORTS SERRATED

OC160-24G OC160-25G

OC 161 SMALL INCISION NUCLEUS DELIVERY CANNULA

USED TO REMOVE LARGER FRAGMENTS



OC 162 HEART SHAPED

DESIGN FOR EASIER INSERTION UNDER

**NUCLEUS** 

TWO FORWARD PORTS END PORTS

OC 163 COLLAR BUTTON (GRAETHER)

SIDE IRRIGATION, MICRO IRIS RETRACTOR



# **Cortex Aspiration**

For Removing Cortical Debris And Useful For Retracting Iris.

OC 164 CORTEX ASPIRATING CANNULA

(BINKHORST)

BLUNT TIP, FRONT OPENING, J SHAPE 25G x 22mm LEFT, SHAFT 18°, BEND 12MM

2.0 MM J-SHAPE

OC164-23G OC164-25G



(BINKHORST)

**RIGHT** 

OC 165 CORTEX ASPIRATOR (ALPERN)

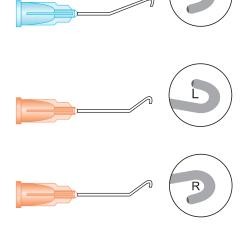
25G x 22mm, ANGLED 45° HOOK

1.50mm x 1.75 mm J SHAPED CURVED LEFT

OC 165-25G

OC 261 CORTEX ASPIRATOR (ALPERN)

**RIGHT** 







# **Cortex Aspiration**

For Removing Cortical Debris And Useful For Retracting Iris.

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

OC 165-25G

OC 167 ASPIRATING CANNULA (GILLS)

25GX36MM, ANGLED TO TIP 5mm /6mm / 8mm / 10mm

OC167-25G

OC 168 ASPIRATING CANNULA (HEALON) SPATULATED, LENGTH 32mm

ANGLED 45°, 10mm FROM TIP

OC168-19G OC168-21G OC168-22G

OC 169 CORTEX EXTRACTOR (SIMCOE)

SMOOTH TIP WITH TOP ASPIRATING PORT

OC169-21G-13mm OC169-21G-21mm Oc169-23G-13mm OC169-23G-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 IRRIGATING IRIS HOOK

30GX20MM

OC262-30G OC262-25G OC-262-27G

OC 263 "U" SHAPED CANNULA

25GX22MM

OC263-30G OC263-25G OC-263-27G

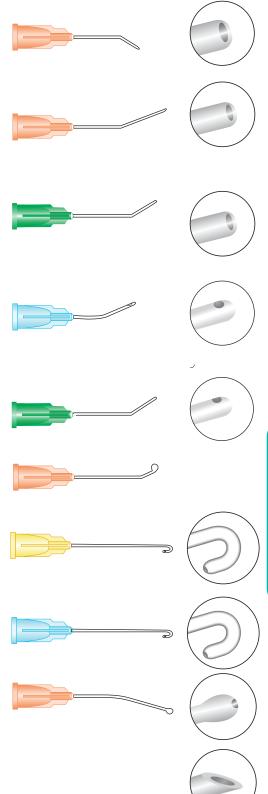
OC 172 ALPHA CHROMOSTRYPSIN ASPIRATING

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



#### **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

21G X 35MM

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

19G X 20MM SHAFT ATTACHED TO 23GX12MM MALLEABLE

CANNULA For Lacrimal Duct Or Punctum Irrigation

OC 198-19G OC 198-20G

OC 199 GLAUCOMA REVISION PICK (LEDERER)

27G X 16MM, 60° OC 199-27G

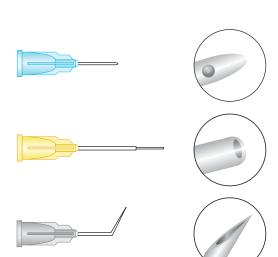
OC 200 GLAUCOMA REVISION PICK (LEDERER)

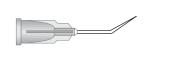
27G X 16MM, 30° OC 200-27G

OC 280 VISCOCANALOSTOMY CANNULA, CURVED

23G x 20 mm SHAFT 30G X 5 MM

(FOR GLAUCOMA)







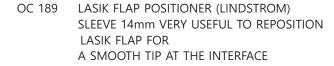






#### **Referactive Cannula**

OC 188 LASIK IRRIGATING CANNULA (BANAJI)
25G SPECIALLY DESIGN TO SIDEWAYS ENTRY
INTO THE FLAP WITHOUT DRAGGING
EPITHELIUM INTO THE INTERFACE
IRRIGATION BY 4 x 2 PORTS
OC188-25G



OC 190 LASIK DOUBLE ARM CANNULA 18G IRRIGATION BY FOUR PORTS OC190-25G OC190-27G

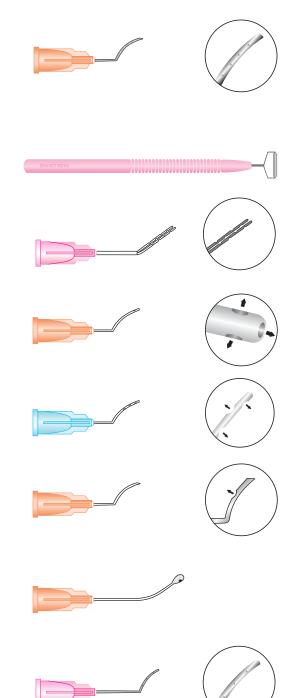
OC 191 LASIK IRRIGATING CANNULA (RUBENSTEIN)
25G X 28 MM, 45° ANGLED 8MM 3 PORT
OC191-23G OC191-25G OC191-27G

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 CANNULA (Dr. Anand)
40 MM 3X2 HOLE OPEN PORT
FORMED 15 MM
OC195-18G OC195-21G





#### **Referactive Cannula**

Useful in lasik and other refractive surgery

| OC 231 | LASIK FLAP IRRIGATING CANNULA (HERSH) |
|--------|---------------------------------------|
|        | 23G X 22MM, 45°                       |

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 235-25G

OC 236 LASIK CANNULA (Dr. Ramesh Shah)

25G X 25MM 2x3 PORT FORMED 11 MM

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)

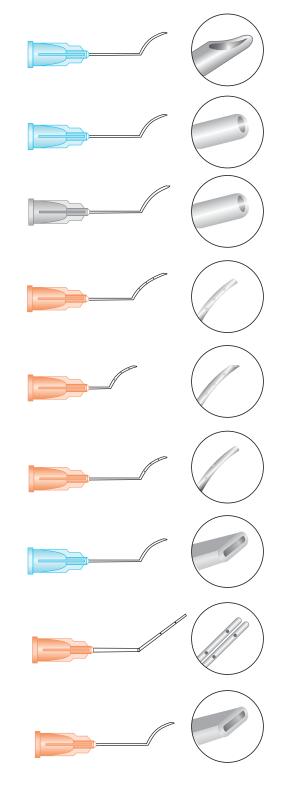
TWO 25G PARALLEL TIPS 8 IRRIGATING PORTS

OC 238-25G

OC 239 LASIK IRRIGATING CANNULA (ROSEN)

25G X 22MM 9 MM FORMED AND FLATTENED TIP

OC 239-25G





#### **Referactive Cannula**

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 (2X2) 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 243-27G

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 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 (3X2)PORTS 9 MM FORMED FROM END OC 245-27G

OC 270 LASIK DOUBLE ARM CANNULA TWO 25G PARALLEL TIPS 8 IRRIGATING PORTS CURVED OC 270-25G

#### TROCAR CANNULA

PORT ENTRY For MIVS Vitreoretinal surgery

OC 301 PORT ENTRY CANNULA 23G (For Silicone Scleral Plug)

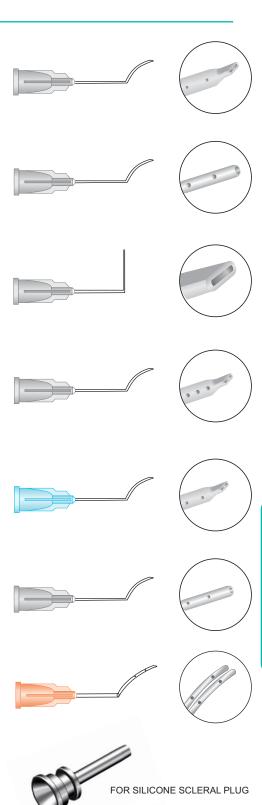
OC 302 PORT ENTRY CANNULA 23G (For Scleral Plug)

OC 303 PORT ENTRY CANNULA 25G (For Silicone Scleral Plug)

OC 304 PORT ENTRY CANNULA 27G (For Silicone Scleral Plug)

OC 305 PORT ENTRY CANNULA 20G (For Scleral Plug)

OC 306 PORT ENTRY CANNULA 25G (For Scleral Plug)



FOR SCLERAL PLUG

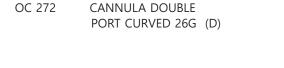


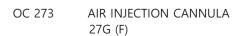
# **Corneal Cannula**

a i

# For DSEK Corneal Transplant Surgery

| OC 271 | FOGLA CANNULA SINGLE PORT<br>21G ANGLED |            |            |  |
|--------|---|------------|------------|--|
|        | OC 271-21G                              | OC 271-23G | OC 271-25G |  |
|        |   |            |            |  |









OC 276-20G

OC 276 DMEK IRRIGATING HOOK FOR DESCEMET STRIPING

OC 277 DMEK IRRIGATING HOOK STRAIGHT LOWER PORT SCORING OF THE ENDOTHELIUM OC 277-25G



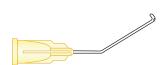






























#### 23G PORT SYSTEM FOR MIVS

Transconjuctival sutureless vitrectomy

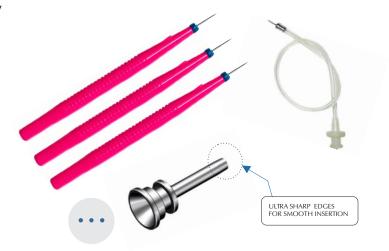
# OPK 07 ONE STEP

Port system for MIVS micro incesion viteroretinal surgery Sharp tips allow self sealing wound construction

Available in Sterile pouch

Contains:

- \* MIVS knives OVR 8001 with preloaded 23G Port cannula OC 301 with self sealing scleral plugs -3
- \* Irrigating line OC 265 23G- 1
- \* Scleral Plugs OI 4007 23G 3



# **OPK 08**

#### **TWO STEP**

Available in Sterile pouch

Contains:

- \* MIVS knives OVR 8001 23G 3
- \* Port Cannula OC 302 23G 3
- \* Scleral Plugs OI 4007 23G 3
- \* Irrigating line OC 265 23G 1

port cannula and scleral plugs are supplied with autoclavable taflon block











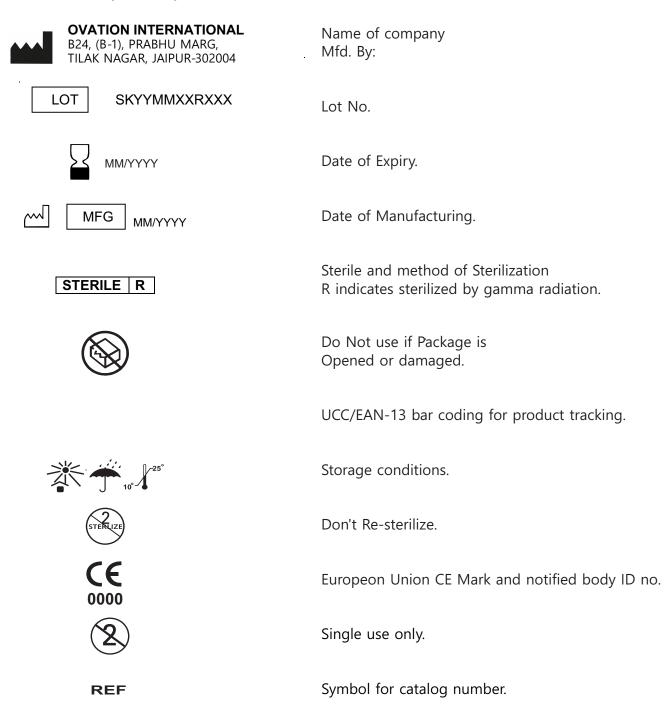
| HUB COLOR | GAUGE | TUBE OUTER DIAMETER (MM) | TUBE INNER DIAMETER(MM) |
|-----------|-------|--------------------------|-------------------------|
|           | 30G   | 0.3                      | 0.15                    |
|           | 27G   | 0.4                      | 0.20                    |
|           | 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                    |
|           |       |                          |                         |

Product image, including color, may slightly differ from actual product appearance.



# **Label Information**

Labels feature internationally recognized symbols to communicate product information the key shown here lists many of the symbols used worldwide.



#### **Total Quality Assurance System**

You can be confident that any product bearing the ovation international name measure up to the highest standards if quality. The facilities are registered to ISO 9001 and ISO 13485.

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