STERISEAL®

Quality for all to see

Aspen Medical

Enhancing outcomes for patients and their caregivers.

Hill-Rom

Steriseal Ophthalmic Products

For more than 35 years the Steriseal® range of ophthalmic cannula have been designed, developed, manufactured and marketed to ophthalmic professionals worldwide. Regulatory compliant and manufactured to exacting GMP guidelines the cannula portfolio covers the following procedures:

- Cataract
- Oculoplastic
- Refractive
- Vitreoretinal

These products are available as single use sterile Steriseal branded items or, for kit packers, as non-sterile Steriseal branded items.

Aspen Medical Europe Ltd.
Thornhill Road, North Moons Moat, Redditch, Worcestershire, B98 9NL, UK.
Tel: +44 (0)1527 587728 Freephone: +44 (0)800 0323399

www.aspenmedicaleurope.com

Whelehan SURGICAL

Suite 12, Bunkilla Plaza,
Bracetown Business Park,
Clonee, Dudlin 15,
D15XC64, Republic of Ireland.

Tel: + 353 1 806 8600
Direct: + 353 1 834 4340
Email: info@tpwhelehan.ie
Web: www.whelehansurgical.ie

For Ordering, please contact:

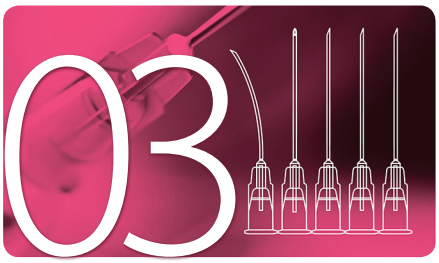
Uniphar Hospital Services,
4045 Kingswood Road,
Citywest Business Park, Dublin 24.
E-Mail: Unipharhospitalservices@uniphar.ie

Tel: + 353 1 468 8456
Fax: + 353 1 466 0782

STERISEAL®

Product Contents

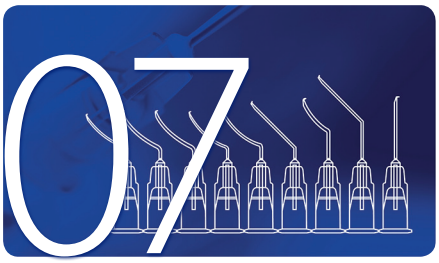
Cataract



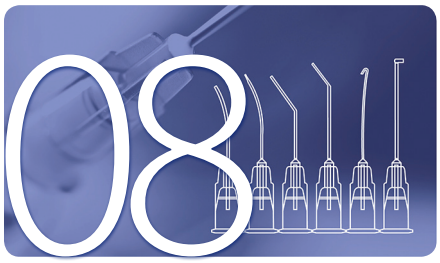
Anaesthesia
Retrobulbar, Peribulbar, Sub-Tenon, Regional Block

Chamber Maintenance
Anterior Chamber

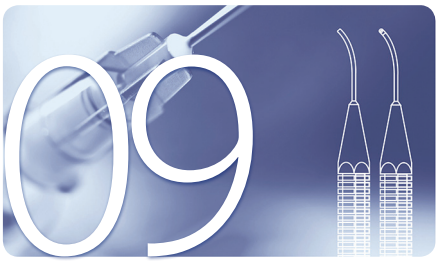
Viscoelastic
Placement of Viscoelastic Material



Capsulotomy
Irrigating Cystotomes

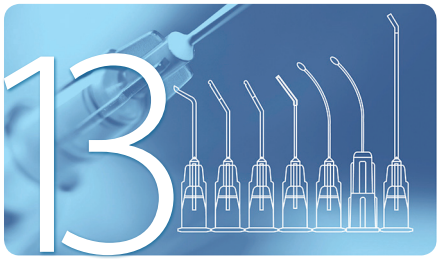


Hydrodissection & Hydrodelineation
Hydrodissection, Hydrodelineation



Irrigation/Aspiration
Simcoe, Twin & Single Cannulae, Bimanual Irrigating/Aspirating Handpieces

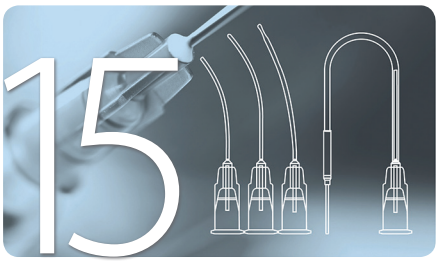
Lens Extraction
Lens Extraction Vectis



Capsule Polishers
Posterior Capsule Polishers

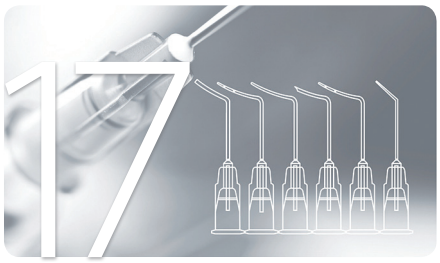
Retractors
Iris Retraction & Cortex Removal

Oculoplastic



Lacrimal Cannula & Intubation Sets

Refractive



Lasik Irrigating Cannula

Vitreoretinal

Subretinal Cannulae

Size Rec. Chart **Page 19**

Product Index **Page 20**

Anaesthesia

Retrobulbar

For administration of anaesthetic agents behind the eye globe.

1275 25G Retrobulbar
0.50 x 40mm (25G x 1 1/2″)

1275A 26G Extra Long Retrobulbar
0.45 x 50mm (26G x 2″)

1275G 25G Retrobulbar Curved (Uthoff)
0.50 x 28mm (25G x 1 1/8″)

1637 25G Retrobulbar (Atkinson)
0.50 x 40mm (25G x 1 1/2″)

1638 23G Retrobulbar (Atkinson)
0.64 x 40mm (23G x 1 1/2″)

Peribulbar

For administration of anaesthetic agents around the eye globe. Ease of introduction and penetration allow predictable retro/peribulbar administration each time.

1641 23G Peribulbar
0.64 x 30mm (23G x 1 1/4″)

1642 25G Peribulbar
0.50 x 30mm (25G x 1 1/4″)

1642A 25G Peribulbar
0.50 x 22mm (25G x 7/8″)

1642B 27G Peribulbar
0.40 x 25mm (27G x 1″)

Quantity | Packaging for sterile - 10 per box

Anaesthesia

Sub-Tenon

For administering anaesthetic into the posterior sub-tenon space. Flattened rounded tip allows easy advancement whilst the curve permits movement around the contour of the globe.

1278 19G Sub-Tenon Cannula

1.05 x 15mm (19G x 1″) Curved

1278J 19G Orbital Sub-Tenon Cannula (Jacobs)

1.05 x 25mm (19G x 1″) Curved

Regional Block

For Regional Block, infiltration of anaesthetic agents and subconjunctival injections.

1285 30G Facial Nerve Block

0.30 x 16mm (30G x 5/8″)

Chamber Maintenance
Anterior Chamber

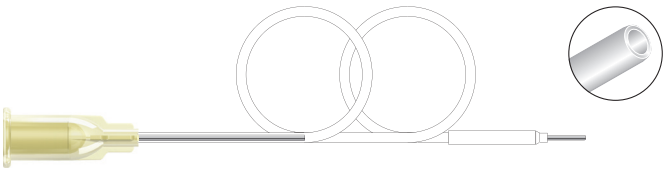
Used primarily to maintain and form the anterior chamber with Viscoelastic, BSS or air.
This range of cannulas has been developed to allow the maintenance of anterior chamber depth during ophthalmic surgery.
Not only can the Rycroft cannula be used for the introduction of viscoelastics, but it can also help keep the cornea moist.

1273 30G Anterior Chamber (Rycroft)
0.30 x 22mm (30G x 7/8")

1273A 27G Anterior Chamber (Rycroft)
0.40 x 22mm (27G x 7/8")'

1273B 20G Anterior Chamber (Rycroft)
0.90 x 22mm (20G x 7/8")

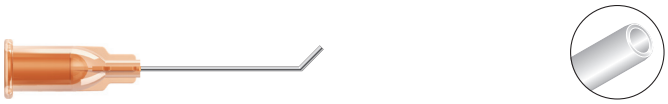
1273C 30G Anterior Chamber (Sauter)
0.30 x 22mm (30G x 7/8")



1273L 20G Self Retaining Chamber Maintainer (Lewicky)
1.6 x 150mm Tubing

1277 16G Anterior Chamber Washout Cannula
1.60 x 25mm (16G x 1")

1277A 19G Bishop Harmon Cannula
1.05 x 25mm (19G x 1")



1639 25G Anterior Chamber (Rycroft)
0.50 x 25mm (25G x 1")

Quantity | Packaging for sterile - 10 per box

Viscoelastic

Viscoelastic cannula are designed for easier placement of viscoelastic material.
Can also be used as an Irrigating Cannula.

1273G 27G V.E. Cannula

0.4 x 22mm (27G x 7/8")

Angled 35° 8mm from tip. For accurate placement of viscoelastic material to all areas of the anterior chamber.

1274 23G V.E. Cannula

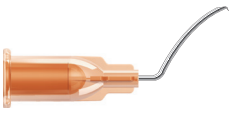
0.64 x 22mm (23G x 7/8")

Angled 45°. For placement of V.E. material to all areas of the anterior chamber. Longer tip allows easier placement in the 10 - 2 o' clock meridian.

Also available in quantities of 250 - Aspen Code 1274A

Capsulotomy
Irrigating Cystotomes

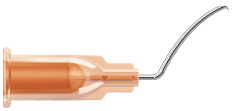
Designed and used for capsulorhexis , plus intercapsular/endocapsular and the 'can opener' capsulotomy technique. Formed cystotomes are shaped to conform with the anterior convexity of the crystalline lens.



1602 25G Irrigating Cystotome Side-Cutting (Formed)

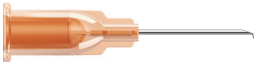
0.50mm

With purpose ground cutting edges for easier linear capsulotomy.



1610 25G Irrigating Cystotome (Formed)

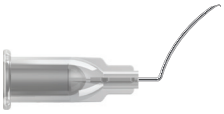
0.50mm



1610A 25G Irrigating Cystotome (Straight)

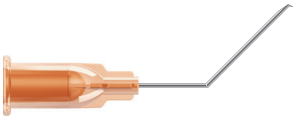
0.50mm

With a 90° cutting tip



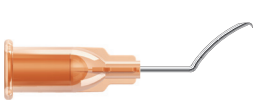
1610B 27G Irrigating Cystotome (Formed)

0.40mm



1610C 25G Irrigating Cystotome (Berlin)

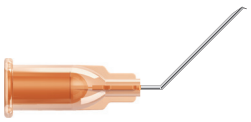
0.50mm



1610D 25G Irrigating Cystotome Short (Pearce)

0.50mm

Ideal for use in the intracapsular or letterbox capsulotomy procedure.



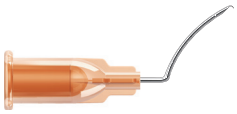
1610F 25G Irrigating Capsulorhexis Cystotome

0.50mm

With 45° angled tip rotated 45° to facilitate smooth capsulorhexis procedures.

1630 30G Irrigating Cystotome (Formed)

0.30mm



1646 25G Irrigating Cystotome Reverse Bend (Formed)

0.50mm

Hydrodissection & Hydrodelineation

By the application of fluids Hydrodissection cannula separate cortex from the lens nucleus and capsule bag. Hydrodelineation cannula separate the layers of the nucleus for easier phacoemulsification.

1273D 27G Hydrodissection/V.E. Curved (Sauter)

0.40 x 22mm (27G x 7/8")

Has a vertically flattened end to allow exact placement of Viscoelastic material. May also be used for hydrodelineation.

1273E 27G Hydrodissection/V.E. Curved (Helsinki)

0.40 x 22mm (27G x 7/8")

Has a horizontally flattened end to allow exact placement of Viscoelastic material. May also be used for hydrodelineation.

1273F 25G Viscoexpression Cannula (Corydon)

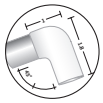
0.50 x 22mm (25G x 7/8")

Has smooth J. shaped open ended tip for hydrodissection and viscoexpression of the nucleus.

1280 25G Nucleus Hydrodissector

0.50 x 25mm (25G x 1")

Angled 35° 8mm from end. Flattened tip allows smooth insertion under the anterior capsule for dissection of nucleus from cortex and capsule.



1280B 25G Hydrodissection Cannula (Jacobs)

0.50 x 25mm (25G x 1")

For Microincision Cataract Surgery (MICS).

1280C 27G Hydrodissection Cannula

0.40 x 22mm (27G x 7/8")

For Microincision Cataract Surgery (MICS).

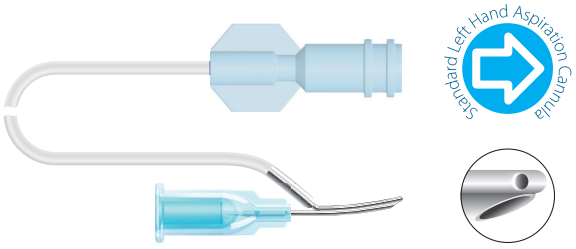
1281 25G Hydrodelineation Cannula Tapered Tip (Curved)

0.50 x 22mm (25G x 7/8")

Tapered tip cannula (curved) for easy insertion under the capsule or into the nucleus for hydrodelineation.
Taper length 3mm.

Quantity | Packaging for sterile - 10 per box

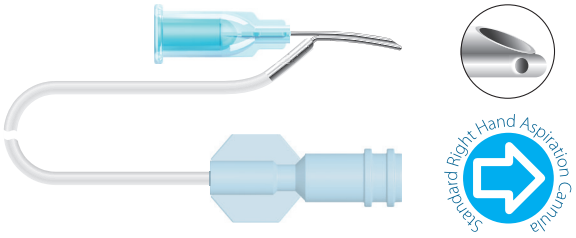
Irrigation/Aspiration
I/A System Simcoe Cannulae



1570 23/23G Simcoe I/A Cannula Standard L.H. **Aspiration**

0.64/0.64mm

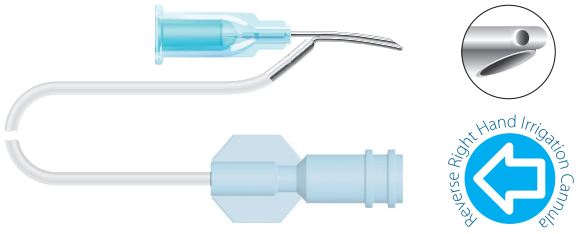
Standard Left Hand Aspiration through remote luer connection. 0.4mm port.



1571 23/23G Simcoe I/A Cannula Standard R.H. **Aspiration**

0.64/0.64mm

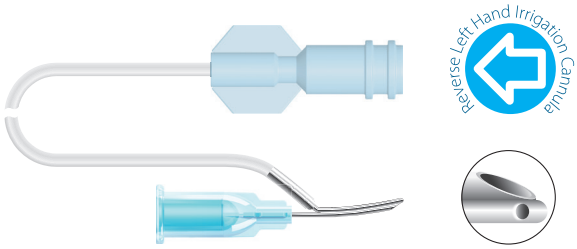
Standard Right Hand Aspiration through remote luer connection. 0.4mm port.



1572 23/23G Simcoe I/A Cannula Reverse R.H. **Irrigation**

0.64/0.64mm

Right Hand reverse. Irrigation through remote luer connection. 0.4mm port. In line aspiration.



1573 23/23G Simcoe I/A Cannula Reverse L.H. **Irrigation**

0.64/0.64mm

Left Hand reverse. Irrigation through remote luer connection. 0.4mm port. In line aspiration.

Irrigation/Aspiration
I/A System Twin & Single Cannulae

The shorter tube on the twin cannulas provide the irrigating flow into the anterior chamber.
The longer cannula aspirates cortical debris via connection to a Pallin syringe.

1594 23G Aspirating Cannula (Charleux)

0.6mm

A curved cannula designed to permit smooth easy aspiration of cortical debris.

1625 21G Single Aspirating Cannula 0.3mm Port

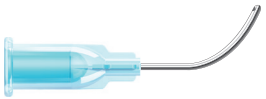
0.80mm

Has a 0.3mm port and is curved to facilitate aspiration in the area between 10 o'clock and 2 o'clock.

1611 21G I or A Cannula (Straight)

0.80mm

A smooth, open-ended cannula for irrigation or aspiration within the anterior chamber.



1625A 23G Single Aspirating Cannula 0.3mm Port

0.64mm

Has a 0.3mm side port and is curved to facilitate aspiration in the area between 10 o'clock and 2 o'clock.

Quantity | Packaging for sterile - 10 per box

Irrigation/Aspiration
Aspirating Handpieces

For bimanual irrigation and cortex aspiration after phacoemulsification of the lens nucleus.
Aspiration can be achieved through either right or left paracentesis allowing access to all areas of the capsule.
The 157400 is connected to the aspiration line of the phaco machine via the proximal male luer connector of the handpiece.
Irrigation is achieved via the 157500 handpiece which is connected to the irrigating tube of the phaco machine.

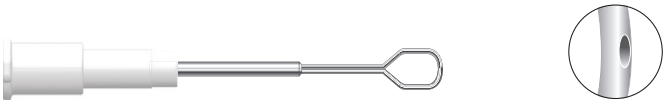
157400 Aspiration Handpiece
22G Thin Wall
0.38mm Side Port

157500 Irrigating Handpiece
22G Thin Wall
0.50mm End Port

Lens Extraction

Lens Extraction Vectis

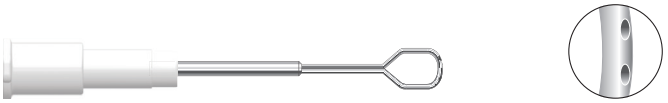
Irrigating Vectis aid the removal of the lens nucleus while maintaining the anterior chamber depth. In some cases iris retraction may be necessary and the heart shaped vectis provides for this. Irrigation flow rates and volume of irrigant are increased when the double holed vectis is used.



1619 25G Irrigating Vectis, Single-Holed

0.50mm

For lifting out the lens nucleus after it has been dislocated into the anterior chamber and for looping out large cortical debris. Chamber depth is maintained by irrigation through the vectis.



1619A 25G Irrigating Vectis, Double-Holed

0.50mm

As code 1619 but giving an extra flow.

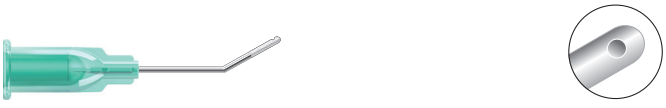
Capsule Polishers
Posterior Capsule Polishers

The posterior capsule may be prepared for lens implantation using one of our carefully designed polishers. Silicone tipped plus Olive tipped and roughened tips are all available for polishing and cleaning any remaining cortex from the capsule bag.

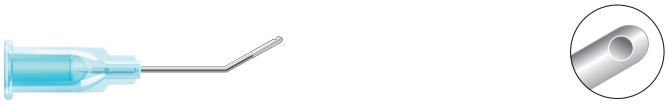
1587 27G Silicone Tipped Polisher
0.40mm
For posterior capsule polishing. Also suitable for lens positioning.

1588 23G Olive Tipped Cannula (Curved)
0.64mm
Smooth tip for capsule polishing procedures.

1589 23G Olive Tipped Polisher (Curved with roughened tip)
0.64mm
For capsule polishing procedures.



1604 21G Posterior Capsule Polisher 0.30mm Port
0.80mm
Angled 0.30mm port Cannula with sand blasted tip.



1604A 23G Posterior Capsule Polisher 0.30mm Port
0.64mm
Angled 0.30mm port Cannula with sand blasted tip.

1614 21G Irrigating Capsule Polisher (Angled)
0.80mm
Has a roughened surface beyond the heel of the angled tip for polishing the capsule.

1645 23G Posterior Capsule Scraper (Simcoe)
0.64mm
With sand blasted end for scraping cortical debris.

Quantity | Packaging for sterile - 10 per box

Retractors
Iris Retraction & Cortex Removal

When the pupil is restricted iris retraction may be helpful to aid capsular bag visualisation for ease of residual cortex aspiration.

1287 30G Irrigating Iris Hook
0.30mm

1287A 25G I/A 'U' Shaped Cannula
0.50 x 22mm (25g x 7/8")

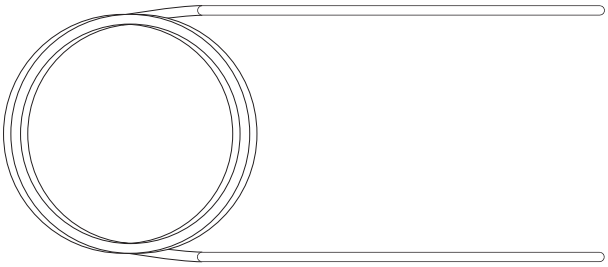
Quantity | Packaging for sterile - 10 per box

Oculoplastic
Intubation Sets

Designed for nasal bicanalicular intubation, the Steriseal DCR (Dacryocystorhinostomy) products have smooth atraumatic connections between the silicone tubing and flexible metal alloy probes.

1292 Nasolacrimal Intubation Set - Adult (Bernard)

Used for adult nasolacrimal intubation.
Two malleable metal-alloy probes attached to hollow silicone tubing.
Probes - 21g (0.80mm) 80mm long.
Tubing - 0.64mm diameter x 260mm long.



1293 Nasolacrimal Intubation Set - Paediatric (Bernard)

Used for paediatric intubations.
Two malleable metal-alloy probes attached to hollow silicone tubing.
Probes - 22G (0.70mm) 55mm long.
Tubing - 0.64mm diameter x 300mm long.

Quantity | Packaging for sterile - 10 per box

Oculoplastic
Lacrimal Cannula

Steriseal lacrimal cannula combine strength and flexibility during probing procedures.

1276 26G Lacrimal Cannula

0.45 x 30mm (26G x 1¼")

A malleable, fine-gauge cannula for probing and irrigating lacrimal ducts.

1615 21G Lacrimal Cannula (Curved)

0.80mm

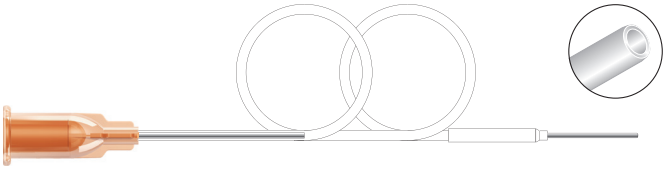
A curved probing cannula having a bulb end effect near the distal end for probing and irrigating lacrimal ducts.

1276A 25G Lacrimal Cannula

0.50 x 25mm (25G x 1")

1276C 25G Lacrimal Cannula

0.50 x 12mm (25G x ½")



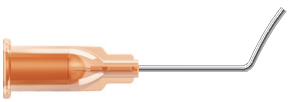
1276D 25G Paediatric Lacrimal Flush Cannula

0.50 x 12mm (25G x ½")

25G cannula attached to 150mm polypropylene tubing for remote irrigation.

Refractive
Lasik Irrigating Cannula

Used to wash away particulates from both the flap and stroma bed.



1282 25G Lasik Irrigating Spatula

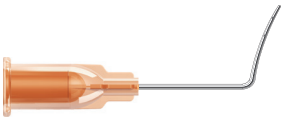
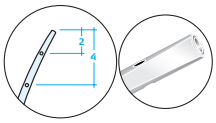
0.50mm

Ideal for flushing the corneal flap after laser assisted in-situ keratomileusis.

1592 30G R K Irrigator Cannula

0.30mm

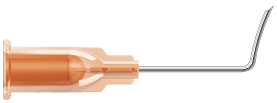
For reliable irrigation flow while making radial incisions during Radial Keratotomy.
Also useful for hydrodissection

171270 25G Lasik Spatula 4 Port

0.50mm

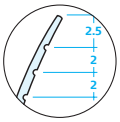
Has flattened spatulated tip for easy insertion under the flap.



171272 25G Lasik Irrigating Cannula

0.50mm

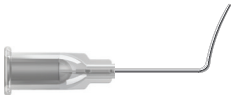
Thin spatulated open end tip for easy insertion under the flap.



171273 23G Lasik Cannula 3 Port

0.64mm

Has closed end and 3 ports.



171282A 25G Lasik Irrigating Spatula

0.40mm

Ideal for flushing the corneal flap after laser assisted in-situ keratomileusis.

Quantity | Packaging for sterile - 10 per box

Vitreoretinal
Subretinal Cannulae

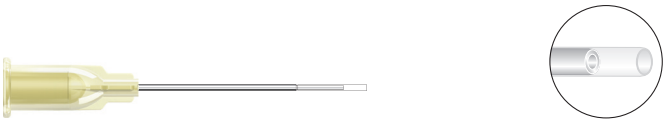
Subretinal Fluid Drainage/Perfluorocarbon.
Used for the safe drainage of subretinal fluid.

1603B00 20G Subretinal Fluid Cannula

6mm
Silicone sleeve extends 6mm beyond end.
5 per box.

1603C00 20G Subretinal Fluid Cannula

6mm (Curved)
Silicone sleeve extends 6mm beyond end.
Curved design allows easier entry into difficult to reach tears.
5 per box.



1603D00 20G Subretinal Fluid Cannula

3mm
Silicone sleeve extends 3mm beyond end.
5 per box.

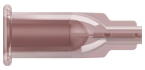
1603E00 20G Subretinal Fluid Cannula

3mm (Curved)
Silicone sleeve extends 3mm beyond end. Curved design allows easier entry into difficult to reach tears.
5 per box.

1603F00 26G Perfluorocarbon Coaxial I/A Cannula

0.4mm
Aspiration port on 20g sleeve.
5 per box.

Size Recognition Chart

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
	21G	0.8	0.51
	20G	0.9	0.60
	19G	1.1	0.70

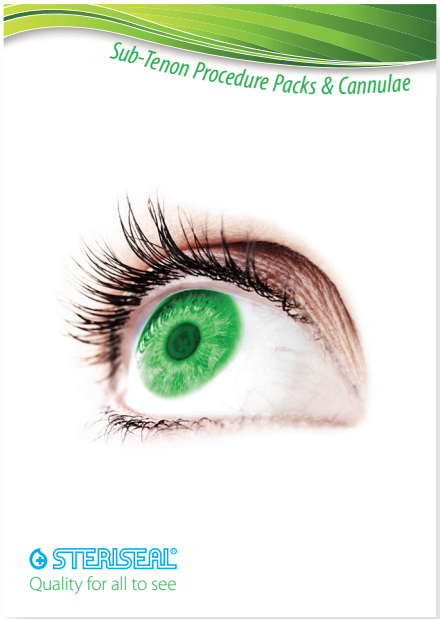
Hub colours comply with BS EN ISO 6009:1994
Tube dimensions comply with BS EN ISO 9626:1995

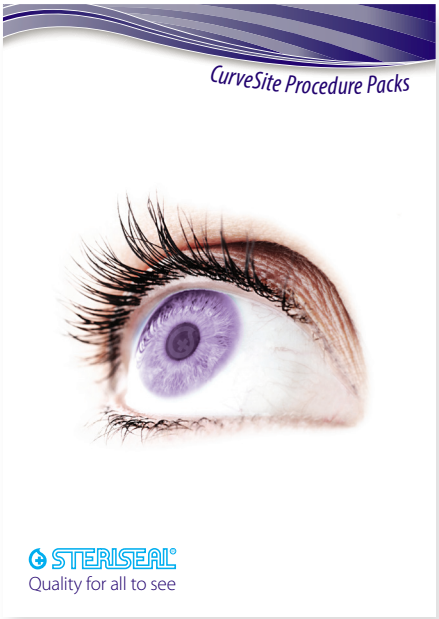
Index (by product code)

Aspen Code	Description	NHS Code	Page No.	Aspen Code	Description	NHS Code	Page No.
1273	30G Anterior Chamber (Rycroft)	FSP326	05	1589	23G Olive Tipped Polisher	FSP2396	13
1273A	27G Anterior Chamber (Rycroft)	FSP327	05	1592	30G R K Irrigator Cannula	FSP2397	17
1273B	20G Anterior Chamber (Rycroft)	FSP472	05	1594	23G Aspirating Cannula (Charleux)	FSP2398	10
1273C	30G Anterior Chamber (Sauter)	FSP2419	05	1602	25G Irrigating Cystotome Side-Cutting (Formed)	FSN096	07
1273D	27G Hydrodissection/V.E. Curved (Sauter)	FSP162	08	1603B00	20G Subretinal Fluid Cannula 6mm (Straight)	FSP2399	18
1273E	27G Hydrodissection/V.E. Curved (Helsinki)	FSP166	08	1603C00	20G Subretinal Fluid Cannula 6mm (Curved)	FSP2430	18
1273F	25G Viscoexpression Cannula (Corydon)	FSP2379	08	1603D00	20G Subretinal Fluid Cannula 3mm (Straight)	FSP2431	18
1273G	27G V.E. Cannula	FSP2380	06	1603E00	20G Subretinal Fluid Cannula 3mm (Curved)	FSP2432	18
1273L	20G Self Retaining Chamber Maintainer (Lewicky)	-	05	1603F00	26G Perfluorocarbon Coaxial I/A Cannula	FSP2403	18
1274	23G V.E. Cannula	FSP059	06	1604	21G Posterior Capsule Polisher 0.3mm Port	FSP165	13
1275	25G Retrobulbar	FSP171	03	1604A	23G Posterior Capsule Polisher 0.3mm Port	FSP120	13
1275A	26G Extra Long Retrobulbar	FSP2381	03	1610	25G Irrigating Cystotome (Formed)	FSN087	07
1275G	25G Retrobulbar Curved (Uthoff)	-	03	1610A	25G Irrigating Cystotome (Straight)	FSN010	07
1276	26G Lacrimal Cannula	FSP176	16	1610B	27G Irrigating Cystotome (Formed)	FSP2404	07
1276A	25G Lacrimal Cannula	FSP177	16	1610C	25G Irrigating Cystotome (Berlin)	FSP2405	07
1276C	25G Lacrimal Cannula	-	16	1610D	25G Irrigating Cystotome Short (Pearce)	FSN090	07
1276D	25G Paediatric Lacrimal Flush Cannula	FSP2383	16	1610F	25G Irrigating Capsulorhexis Cystotome	FSN092	07
1277	16G Anterior Chamber Washout Cannula	-	05	1611	21G I or A Cannula (Straight)	FSN086	10
1277A	19G Bishop Harmon Cannula	FSP2384	05	1614	21G Irrigating Capsule Polisher (Angled)	FSP184	13
1278	19G Sub-Tenon Cannula	FSP173	04	1615	21G Lacrimal Cannula (Curved)	FSP180	16
1278J	19G Orbital Sub-Tenon Cannula (Jacobs)	FSN121	04	1619	25G Irrigating Vectis, single-holed	FSN093	12
1280	25G Nucleus Hydrodissector	FSP168	08	1619A	25G Irrigating Vectis, double-holed	FSP2406	12
1280B	25G Hydrodissection Cannula (Jacobs)	FSP2385	08	1625	21G Single Aspirating Cannula 0.3mm Port	FSP125	10
1280C	27G Hydrodissection Cannula	FSP2386	08	1625A	23G Single Aspirating Cannula 0.3mm Port	FSP2408	10
1281	25G Hydrodelineation Cannula Tapered Tip (Curved)	FSP2387	08	1630	30G Irrigating Cystotome (Formed)	FSN088	07
1282	25G Lasik Irrigating Spatula	FSP2388	17	1637	25G Retrobulbar (Atkinson)	IVM011	03
1285	30G Facial Nerve Block	FSP2389	04	1638	23G Retrobulbar (Atkinson)	FSP2409	03
1287	30G Irrigating Iris Hook	FSP2390	14	1639	25G Anterior Chamber (Rycroft)	FSP2410	05
1287A	25G I/A 'U' Shaped Cannula	FSP2391	14	1641	23G Peribulbar	FSP2411	03
1292	Nasolacrimal Intubation Set Adult (Bernard)	FSP137	15	1642	25G Peribulbar	FSP185	03
1293	Nasolacrimal Intubation Set Paediatric (Bernard)	FSP138	15	1642A	25G Peribulbar	FSP2412	03
1570	23/23G Simcoe I/A Cannula Standard L.H. Aspiration	IVM028	09	1642B	27G Peribulbar	FSP175	03
1571	23/23G Simcoe I/A Cannula Standard R.H. Aspiration	FSP182	09	1645	23G Posterior Capsule Scraper (Simcoe)	FSP2413	13
1572	23/23G Simcoe I/A Cannula Reverse R.H. Irrigation	FSP2392	09	1646	25G Irrigating Cystotome Reverse Bend (Formed)	FSN016	07
1573	23/23G Simcoe I/A Cannula Reverse L.H. Irrigation	FSP2393	09	171270	25G Lasik Spatula 4 Port 0.50mm	FSP2414	17
157400	22G Aspirating Handpiece	FSN094	11	171272	25G Lasik Irrigating Spatula 0.50mm	FSP2415	17
157500	22G Irrigating Handpiece	FSN095	11	171273	23G Lasik Cannula 3 Port 0.64mm	FSP2417	17
1587	27G Silicone Tipped Polisher	FSP108	13	171282A	27G Lasik Irrigating Spatula 0.40mm	FSP2418	17
1588	23G Olive Tipped Cannula (Curved)	FSP2395	13				

Notes

Steriseal Procedure Packs





Steriseal Intravitreal Injection Procedure Packs Leaflet

Steriseal Sub-Tenon Procedure Packs & Cannulae Leaflet

Steriseal CurveSite Procedure Packs Leaflet

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Suite 12, Bunkilla Plaza,
Bracetown Business Park,
Clonee, Dudlin 15,
D15XC64, Republic of Ireland.

Tel: + 353 1 806 8600
Direct: + 353 1 834 4340
Email: info@tpwhelehan.ie
Web: www.whelehansurgical.ie

For Ordering, please contact:

Uniphar Hospital Services,
4045 Kingswood Road,
Citywest Business Park, Dublin 24.
E-Mail: Unipharhospitalservices@uniphar.ie

Tel: + 353 1 468 8456
Fax: + 353 1 466 0782

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Aspen Medical Europe Ltd.
Thornhill Road, North Moons Moat, Redditch
Worcestershire, B98 9NL, UK.
Tel: +44 (0)1527 587728 Freephone: +44 (0)800 0323399

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