### OPHTHALMIC / MICRO INSTRUMENTS

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Instruments are shown 75%

**FORCEPS**

**Iris forceps**
- 1-2 teeth, 114mm long
- **JS-OP/1** straight
- **JS-OP/2** curved

**Iris forceps**
- serrated, 114mm long
- **JS-OP/3** straight
- **JS-OP/4** curved

**Iris forceps**
- extra fine, serrated, 94mm long
- **JS-OP/6** curved

**Iris fixation forceps**
- extra fine, 1-2 teeth, 102mm long
- **JS-OP/5** curved

**Barraquers corneal forceps**
- 76mm long
- **JS-OP/23** 1-2 teeth

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ophthalmic
FORCES instruments are shown 75%

Epilation forceps
89mm long
JS-OP/7 oblique jaw

Epilation forceps
89mm long
JS-OP/8 straight ends, 3mm wide
JS-OP/8a round ends, 3mm wide

Suture/dissecting forceps
102mm long
JS-OP/9 extra fine

Barraquers fixation forceps
102mm long
JS-OP/9a 9-10 teeth

Jameson Evans cilia forceps
120mm long
JS-OP/12

Tarsal cyst forceps
89mm long
JS-OP/15 round ends
St Martins corneal suturing forceps
1-2 teeth, 89mm long
JS-OP/22 for fine work

St Martins micro corneal suturing forceps
1-2 teeth, 89mm long
JS-OP/22a fine pattern

Castroviejo’s corneal suture forceps
94mm long
JS-OP/13 1-2 teeth

Arruga’s intra capsule forceps
for removal of residual lens material during extra-capsula extraction 120mm long
JS-OP/24 curved tips

Desmarre’s entropian forceps
89mm long
JS-OP/14 right eye
JS-OP/14a left eye

Wilde’s entropian forceps
3 sizes 89mm long
JS-OP/15a with screw action

To convert from millimetres to inches - divide by 25.4

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SCISSORS  instruments are shown 75%

Castroviejo's scissors 102mm long
JS-OP/25 curved

De-Wecker’s iris scissors JS-OP/31

Barraquer's iris scissors JS-OP/31a 62mm long

Iris scissors 102mm long
JS-OP/32 straight
JS-OP/33 curved

Pooley's conjunctival scissors 89mm long
JS-OP/17 for fine dissection

Thomas Strabismus scissors 114mm long
JS-OP/29 straight
JS-OP/30 curved

Strabismus scissors super cut, 114mm long
JS-G1/475 straight
JS-G1/475a curved

Iris scissors super cut, 114mm long
JS-OP/476 straight
JS-OP/476a curved
Instruments are shown 75% **NEEDLE HOLDERS**

**Castroviejo’s needle holder**
140mm long
JS-OP/21 with catch
JS-OP/20 without catch

**Silcocks needle holder**
140mm long
JS-OP/21a with catch

**Micro needle holder**
round knurled handle, 120mm long
JS-OP/YA4020 curved, without catch
JS-OP/YA4050 curved, with catch
JS-OP/WA2010 straight, without catch

**Micro needle holder**
curved, without catch
JS-OP/YA4010 110mm long

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RETRACTORS, SPECULUM, CANNULA  instruments are shown 75%

**Langs eyelid retractor**
76mm long
JS-OP/11b left eye
JS-OP/11c right eye

**Desmarre’s eyelid retractor**
single, 140mm long
JS-OP/013 12.7mm wide blade
JS-OP/014 15.9mm wide blade
JS-OP/015 19mm wide blade

**Barraquers eye speculum**
stainless steel wire, 44mm long
JS-OP/006 standard
JS-OP/007 small

**Speculum**
wire, 30mm wide x 45 long
JS-OP/8004012 titanium
JS-OP/8004012ss stainless

**Speculum**
wire, 25mm wide x 40 long
JS-OP/8004013 titanium
JS-OP/8004013ss stainless

**Speculum**
wire, 20mm wide x 30 long
JS-OP/8004013a titanium
JS-OP/8004013a-ss stainless

**Speculum**
70mm long
JS-OP/8004008 titanium

**Clark’s speculum**
wire, 35mm wide x 84 long
JS-SH/5746 infant - left
JS-SH/5746L infant - right

**Lang’s lachrymal cannula**
38mm long
cannula= 1mm ø
JS-OP/26

**Cannula**
curved, 44mm long
JS-OP/26 flat ended

**Harrison Butler’s lachrymal cannula**
38mm long
cannula= 0.8mm ø
JS-OP/27
Instruments are shown 75% CLIP, CALLIPER, KNIVES, SPOONS, VECTIS

Spring bag clip
serrated
JS-GI/345 25mm wide

Castroviejos calliper
89mm long
JS-OP/28 stainless
JS-OP/8006007 titanium

Beers cataract needle
127mm long
JS-OP/16

Graefe’s knife
127mm long
JS-OP/10

Tooke’s knife
122mm long
JS-OP/35 6 sizes

Chalazian sharp spoons
122mm long
JS-OP/34 6 sizes

Snellens vectis
blunt, long loop, 140mm long
JS-OP/18 straight
JS-OP/19 angled

To convert from millimetres to inches - divide by 25.4
TITANIUM HOOKS instruments are shown actual size - details are shown at 500%

**Phaco chopper** double ended

- **JS-OP/8005038** 120mm long
- **JS-OP/8005038a** 125mm long

**JS-OP/8005038b** 130mm long

**JS-OP/8005038c** 130mm long

**Lens manipulating hook** single ended

- **JS-OP/8005003** 115mm long

**Lens manipulating hook** single ended

- **JS-OP/8005025** 118mm long
instruments are shown actual size - details are shown at 500% TITANIUM HOOKS

Lens manipulating hook  
single ended  
JS-OP/8005005  120mm long

Lens manipulating hook  single ended  
JS-OP/8005038d  120mm long

Lens manipulating hook  single ended  
JS-OP/8005009  120mm long

Lens manipulating hook  single ended  
JS-OP/8005038e  112mm long

To convert from millimetres to inches - divide by 25.4
TITANIUM SCISSORS  instruments are shown actual size

Vannas scissors
straight, extra thin blades, sharp point, 15mm from pivot to tip
JS-OP/8003037 108mm long

Vannas capsulotomy scissors
sharp pointed tips, 102mm long
straight
JS-OP/8003025 10.5mm blades
JS-OP/8003026 12.5mm blades
JS-OP/8003027 16mm blades
curved
JS-OP/8003028 10.5mm blades
JS-OP/8003029 12.5mm blades
JS-OP/8003030 16mm blades

Vannas scissors
sharp pointed tips, 9.5mm from pivot to tip, 82mm long
7.5mm blades
JS-OP/8003034 straight
JS-OP/8003035 curved
7mm blades
JS-OP/8003036 angled to side
Westcott stitch scissors
curved, very sharp pointed tips,
11.5mm long

*JS-OP/8003018* 19mm from pivot to tip

Westcott tenotomy scissors
curved, blunt tips, 11.5mm long

*JS-OP/8003021* 21mm from pivot to tip
*JS-OP/8003022* 19mm from pivot to tip

Iris scissors
curved, sharp tips,
11mm blades

*JS-OP/8003015* 102mm long

Eye scissors
pointed tips, 32mm from pivot to tip, 110mm long

*JS-OP/8003023* straight
*JS-OP/8003024* curved

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TITANIUM NEEDLE HOLDERS

Instruments and details are shown actual size

Needle holder, ophthalmic
curved tip

12mm tip, 136mm long
JS-OP/8002018 with catch
JS-OP/8002019 without catch

14mm tip, 138mm long
JS-OP/8002020 with catch
JS-OP/8002022 with catch

6mm tip, 106mm long
JS-OP/8002001
9mm tip, 109mm long
JS-OP/8002003
10mm tip, 110mm long
JS-OP/8002005
12mm tip, 112mm long
JS-OP/8002007
16mm tip, 116mm long
JS-OP/8002013

Needle holder
curved tip

JS-OP/8002009 16mm tip, 116mm long

JS-OP/8002014 9mm tip, 109mm long
JS-OP/8002015 10mm tip, 110mm long
JS-OP/8002016 12mm tip, 112mm long
JS-OP/8002017 16mm tip, 116mm long
**TITANIUM FORCEPS**

**Lens folding forcep**  
Triangular shaped inner jaws, handle stop pin to prevent over-folding IOL, 115mm long  
JS-OP/8001207 angled

**Lens forcep**  
curved shaft with 1mm ring tips  
JS-OP/8001201 108mm long

**Lens implantation forcep**  
smooth surface, rounded edges  
JS-OP/8001210 108mm long
**TITANIUM FORCEPS** instruments are shown actual size - details are shown at 500%

**McPherson tying forcep**
angled shafts with 4.5mm tying platforms

- **85mm long**
  - JS-OP/8001065 standard, 12mm
  - JS-OP/8001066 ultrafine, 5mm
  - JS-OP/8001067 ultrafine, 7mm
  - JS-OP/8001068 ultrafine, 10mm
  - JS-OP/8001069 ultrafine, 12mm

- **102mm long**
  - JS-OP/8001078 standard, 12mm
  - JS-OP/8001079 ultrafine, 7mm
  - JS-OP/8001080 ultrafine, 10mm
  - JS-OP/8001081 ultrafine, 12mm

- **108mm long**
  - JS-OP/8001090 standard, 12mm
  - JS-OP/8001091 ultrafine, 7mm
  - JS-OP/8001092 ultrafine, 10mm
  - JS-OP/8001093 ultrafine, 12mm

- **115mm long**
  - JS-OP/8001102 standard, 12mm
  - JS-OP/8001103 ultrafine, 7mm
  - JS-OP/8001104 ultrafine, 10mm
  - JS-OP/8001105 ultrafine, 12mm

**Tying forcep, straight**
with 4.5 tying platforms, 85mm long

- JS-OP/8001001 standard

- JS-OP/8001018 ultrafine, 102mm long
TITANIUM FORCEPS

**Tying forcep, toothed**
1-2 teeth, straight, with 5mm tying platforms, 85mm long

- **JS-OP/8001007** 0.12mm tooth
- **JS-OP/8001008** 0.30mm tooth
- **JS-OP/8001003** 0.12mm tooth

**Tying forcep, notched**
angled, 0.25 notch with tying platforms, 85mm long

- **JS-OP/8001074** standard, 12mm
- **JS-OP/8001075** ultrafine, 7mm

**Tying forcep, notched**
straight, 0.25 notched, with tying platforms, 115mm long

- **JS-OP/8001053** standard
- **JS-OP/8001054** ultrafine

**Tying forcep, notched**
straight, 0.25mm notched, with tying platforms

- **JS-OP/8001037** standard tip 89mm long

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TITANIUM FORCEPS  instruments are shown actual size

Ultata style capsulorhexis forcep
85mm long
JS-OP/8001135 angled
JS-OP/8001136 curved

86mm long
JS-OP/8001143 angled
JS-OP/8001144 curved

95mm long, 6.8mmø
JS-OP/8001159 angled
JS-OP/8001160 curved

102mm long
JS-OP/8001151 angled
JS-OP/8001152 curved

105mm long, 8mmø
JS-OP/8001167 angled
JS-OP/8001168 curved

108mm long
JS-OP/8001183 angled
JS-OP/8001184 curved

115mm long
JS-OP/8001175 angled
JS-OP/8001176 curved

120mm long
JS-OP/8001191 angled
JS-OP/8001192 curved

Ultrata style capsulorhexis forcep
85mm long
JS-OP/8001133 angled
JS-OP/8001134 curved
TITANIUM KNIVES

Diamond knife
1mm wide blade, 130mm long

JS-OP/DK001 45º blade
JS-OP/DK002 30º blade
JS-OP/DK003 lance blade

Keratome type
phaco blade
135mm long

straight
JS-OP/DK004 2.8mm
JS-OP/DK005 3.0mm
JS-OP/DK006 3.2mm
JS-OP/DK007 3.2mm step blade

angled
JS-OP/DK008 2.5mm
JS-OP/DK009 2.65mm
JS-OP/DK010 2.8mm
JS-OP/DK011 3.0mm
JS-OP/DK012 3.2mm

Diamond knife
1mm wide blade, 123mm long

JS-OP/DK0013

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instruments are shown actual size - details are shown at 500%
CANNULAE INFUSION

Infusion handpiece
with capsule aspirating cannula
JS-OP/8006018 70mm long

Blade breaker needle holder
with locking mechanism
JS-OP/8006005 125mm long

Artery forcep, ophthalmic
95mm long
JS-OP/8002030 straight
JS-OP/8002031 curved
13mm long
JS-OP/8002032 straight
JS-OP/8002033 curved