Specula

“Opening the eyes of the world”
Smooth, light action adjustable thumb screw mechanism with large easy to grip knurled thimble.

The main body is made from a single piece of titanium with added strength in the arms to give a rigid strong construction. This gives less flex if the patient attempts to close down on the blades.

Blades are reduced in thickness to 0.5mm. This gives added comfort to the patient, yet the design and strength is not compromised.

Computerised machines accurately produce the shape of the specula blades.

All Duckworth & Kent specula are made from a single piece of titanium. There are no joints which create weak points in the construction.

Blades Slightly open. When closed they enable easy and comfortable entry.

Blades can open to 30mm (without closing resistance)

Blades are reduced in thickness to 0.5mm. This gives added comfort to the patient, yet the design and strength is not compromised.

Variations of Specula - Single Piece

Variations of Specula - Adjustable

Variations of Specula Blades
### Barraquer Adult, Closed Blades

- Closed blades
- Single piece construction
- Angled to rest temporally, nasally and straight

<table>
<thead>
<tr>
<th>Blade Width</th>
<th>Spring Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5mm</td>
<td>Heavy</td>
</tr>
</tbody>
</table>

### Barraquer Paediatric, Closed Blades

- Closed blades
- Single piece construction
- Angled to rest temporally, nasally and straight

<table>
<thead>
<tr>
<th>Blade Width</th>
<th>Spring Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>6mm</td>
<td></td>
</tr>
<tr>
<td>9mm</td>
<td></td>
</tr>
</tbody>
</table>

### Barraquer Paediatric, Solid Blades

- Solid Blades
- Single piece construction
- Angled to rest temporally

<table>
<thead>
<tr>
<th>Blade Width</th>
<th>Spring Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>6mm</td>
<td></td>
</tr>
</tbody>
</table>

### Bloomberg, Solid Blades

- Solid Blades
- Single piece construction
- Angled to rest nasally

<table>
<thead>
<tr>
<th>Blade Width</th>
<th>Spring Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5mm</td>
<td></td>
</tr>
</tbody>
</table>

### DK Closed Blades / Open Blades

- Closed blades / Open Blades
- Single piece construction
- Angled to rest temporally

<table>
<thead>
<tr>
<th>Blade Width</th>
<th>Spring Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14mm</td>
<td></td>
</tr>
</tbody>
</table>
**Kratz Barraquer Open Blades**

- Open blades
- Single piece construction
- Angled to rest temporally nasally and straight
- Strong closing pressure - 9-555 and 9-556

<table>
<thead>
<tr>
<th>Blade Type</th>
<th>Code</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5mm Straight</td>
<td>9-555</td>
<td>14.5mm</td>
</tr>
<tr>
<td>14.5mm Straight</td>
<td>9-555F</td>
<td>14.5mm</td>
</tr>
<tr>
<td>14.5mm Temporally</td>
<td>9-556</td>
<td>14.5mm</td>
</tr>
</tbody>
</table>

**Neo-Natal, Closed Blades**

- Closed blades
- Single piece construction
- Angled to rest temporally
- Strong Spring Pressure 9-574-1

<table>
<thead>
<tr>
<th>Blade Type</th>
<th>Code</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.4mm Temporally</td>
<td>9-574</td>
<td>4.4mm</td>
</tr>
<tr>
<td>4.4mm Temporally</td>
<td>9-574-1</td>
<td>4.4mm</td>
</tr>
</tbody>
</table>

**Tutton Open Blades**

- Open blades
- Single piece construction
- Angled to rest temporally

<table>
<thead>
<tr>
<th>Blade Type</th>
<th>Code</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.5mm Temporally</td>
<td>9-567</td>
<td>14.5mm</td>
</tr>
</tbody>
</table>

**Thornton Open Blades**

- Open blades
- Single piece construction
- Angled to rest temporally, nasally

<table>
<thead>
<tr>
<th>Blade Type</th>
<th>Code</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>15mm Temporally</td>
<td>9-581F</td>
<td>15mm</td>
</tr>
<tr>
<td>15mm Nasally</td>
<td>9-582F</td>
<td>15mm</td>
</tr>
</tbody>
</table>

Finer, delicate speculum blades provide comfort for patient. Functionally designed with open blades to minimise interference with intraocular instrumentation.
DK

- 14mm, large closed blades
- Single piece construction
- Angled to rest temporally

Paediatric

- Curved to rest temporally
- Rigid design
- Adjustable with thumb screw

Glaucoma

- Central indent and side notch, achieve maximal exposure for glaucoma surgery
- Curved to rest temporally
- Rigid design
- Adjustable with thumb screw

DK Open Blade Adjustable

- Open blades
- Curved to rest temporally
- Rigid design
- Adjustable with thumb screw

Duckworth & Kent - Titanium
**Mackool Adjustable**

- 9-588-1 RJ Mackool™ Femtosecond Laser Speculum
  - Maximum blade exposure allows application of suction ring when using the LenSx® Laser. LenSx® is registered to Alcon LenSx Inc.
  - Open and Solid blades
  - Angled to rest temporally
  - Adjustable with thumb screw
  - 9-588-1 suitable for femtosecond laser machines

**Cionni**

- Thumb plates are pressed together to open and capture lids. Crossing arms lock at four positions to accommodate various size palpebral fissures. Pressing thumb plates further releases locking mechanism, allowing surgeon easy removal of speculum. Releasable without opening to fullest extension, providing comfortable removal even in patients with small palpebral fissures.

- 9-585 Cionni
  - Ideal for surgeon performing anterior segment procedures from a temporal approach
  - Nasal placement provides total access to temporal limbus
  - Self-locking mechanism ideal for topical anaesthesia, since it prevents speculum from closing during procedure when patient blinks or squeezes
  - Blades 14mm wide

- 9-585-1 Cionni Femto
  - Angled to rest temporally
  - Self-locking mechanism prevents speculum from closing during procedure when patient blinks or squeezes
  - Blades 13.5mm wide
  - Single piece design with adjustment gives continual efficient and reliable operation with repeated uses
  - Additional length to upper part of blade is angled up in order to retain or hold back the cheek and upper lid skin without pinching into the tissue
  - Suitable for femtosecond laser
  - Designed by Dr Cionni specifically for the LenSx® Laser
  - LenSx® is registered to Alcon LenSx Inc

**DK Closed Blade Adjustable**

- 9-578
  - Closed blades
  - Curved to rest temporally
  - Rigid design
  - Adjustable with thumb

- 9-578-2
  - 0.5mm thick blades

- 9-578-3
  - 0.5mm thick blades

**VSL Ring Holding Adjustable**

- Closed blades
  - Curved to rest temporally
  - Rigid design
  - Adjustable with thumb screw
  - Grooves in the speculum blades are designed to hold two silicone bands that in turn support the VSL ring
  - (bands and VSL ring not supplied)
**Lieberman Adjustable Speculum**

- Open blades
- Angled to rest temporally
- Adjustable with thumb screw

**DK Adjustable / Koch Cionni Open Blade Adjustable**

- Open blades
- Angled to rest nasally
- Adjustable with thumb screw

**Shepard Reversible**

Lightweight, adjustable speculum may be used for both temporal and nasal approach ocular surgery. Lightweight design avoids excessive pressure on globe.

- Solid and closed blades
- Angled to rest temporally and nasally
- Adjustable with thumb screw

**DK Open Blade Adjustable**

- Open blades
- Curved to rest temporally
- Rigid design
- Adjustable with thumb screw

**Buratto Adjustable**

- Open blades
- Angled to rest temporally and nasally
- Adjustable with thumb screw
- Lightweight, compact and strong. Maximum exposure allows application of suction ring and microkeratome run.

Duckworth & Kent - Titanium
**Williams Adjustable LASIK**

- Open blades
- Angled to rest temporally and nasally
- Adjustable with thumb screw

Designed to achieve maximum comfortable exposure of eye for suction ring placement to allow microkeratome to be easily positioned on the pivot post without obstruction during LASIK surgery. Lengthened speculum blades accommodate microkeratome. Simplicity and elegance of design allows speculum to be used in other types of ocular surgery.

**Horn Adjustable Femtosecond Laser Speculum**

- Open blades
- Angled to rest temporally
- Adjustable with thumb screw
- Suitable for Femtosecond Laser machine
- Can be used for manual cataract surgery and LASIK

The Horn Adjustable Femtosecond Laser Speculum has been designed with curved blades to allow clearance for docking devices, allowing exposure centrally without stretching the lids laterally, providing optimal exposure as well as patient comfort.

**DK Adjustable**

- Solid and open blades
- Angled to rest temporally
- Adjustable with thumb screw

**Barrett Adjustable**

- Open blades
- Curved to rest temporally and nasally
- Adjustable with thumb screw

Profile is similar to a wire type Speculum; locking mechanism allows Speculum to resist eyelid squeezing etc., especially during procedures with topical anaesthesia. Construction of Speculum allows maximum exposure, resists eyelid compression and avoids any compression of globe.