NEW
Bleb Knife
An Extra-Fine Crescent Knife for Bleb Revision
Sterile ready to use
Disposable
5 pieces per dispenser box
Bleb needling is capable of restoring function to clinically failed glaucoma filtering blebs. A small-gauge needle is usually used to puncture and incise the fibrous episcleral tissue. However, needle movement is sometimes restricted by strong resistance under the conjunctiva, with the result that incision of the episcleral scar tissue is inefficient. A crescent knife is used for cataract surgery to incise hard tissue but is too wide to manipulate under the conjunctiva via the small entry site. We have now developed an extra-fine crescent knife for bleb revision.

Comparison
From left ; Bleb Knife, Needle (23G, 27G), MVR Knife (20G)
Bleb Knife’s apex is 0.8mm and its maximum width is 1.0mm. With ultra-sharp edge of length 4mm from apex.
MICROSURGERY KNIVES

MIKROCHIRURGISCHES EINMALMESSER
BISTOURI POUR MICROCHIRURGIE JETABLE
BISTURI MONOUSO PER MICROCHIRURGIA
CUCHILLETE DE MICROcirurgia DESECHABLE
BISTURI DE MICROcirurgia DESCARTÁVEL
TEK KULLANIMLIK MIKROCERRAHI BIÇAK
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Sterile and ready to use
Each knife in a protection tray
5 pieces per dispenser box
GS1-128 bar-code

Sterile and ready to use
Blade covered with protective sheath
5 pieces per dispenser box
GS1-128 bar-code

Blade protection allows safety handling and avoids accidental injuries
Precisely engineered design for easy twist and glide action with both hands
STAB KNIVES
Cataract Surgery / Scleral Tunnel Incision - Pregroove, Side port
/ Clear Corneal Incision - Side port

Precisely ground in 3 bevels for ultra sharp incision and piercing.

Distinction of Kai’s Stab Knife
Stab Knife blade is made of razor blade with 3 bevel edge-setting.
The razor edge-setting method ensures the consistent sharpness and precision of Stab Knife.

Regular Type

Safety Type
Crescent Knives
Cataract Surgery / Scleral Tunnel Incision - Scleral Tunnel

Either straight or tapered sides are available to create the optimal tunnel or flap.

Regular Type

Anti-glide type Bevel Up

CPU-16AGF
w=1.6mm
angle 45°

CPU-22AGF
w=2.2mm
angle 45°

CPU-26AGF
w=2.6mm
angle 45°

CPU-26AGF
w=2.6mm
angle 60°

Safety Type

Anti-glide type Bevel Up

SK-CPU16
w=1.6mm
angle 45°

SK-CPU22
w=2.2mm
angle 45°

SK-CPU26
w=2.6mm
angle 45°

Bleb Knives
Glaucoma / Trabeculectomy / Needling

Regular Type

Anti-glide type

BKS-10AGF
w=1.0mm
Straight

BKB-10AGF
w=1.0mm
Bent Bevel Up
angle 45°

BKB2-10AGF
w=1.0mm
Bent Bevel Up
angle 45°
SLIT KNIVES
Cataract Surgery / Scleral Tunnel Incision - Anterior Chamber Entry

Many sizes are available to ensure the exact incision for your choice of phaco tip and operating access. Precision created by computer driven grinding technology.

### Regular Type

<table>
<thead>
<tr>
<th>SLU-13AGF</th>
<th>SLU-14AGF</th>
<th>SLU-15AGF</th>
</tr>
</thead>
<tbody>
<tr>
<td>w=1.3mm</td>
<td>w=1.4mm</td>
<td>w=1.5mm</td>
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<tr>
<td>SLU-16AGF</td>
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<tr>
<td>w=1.6mm</td>
<td>w=1.7mm</td>
<td>w=1.8mm</td>
</tr>
<tr>
<td>SLU-19AGF</td>
<td>SLU-20AGF</td>
<td>SLU-22AGF</td>
</tr>
<tr>
<td>w=1.9mm</td>
<td>w=2.0mm</td>
<td>w=2.2mm</td>
</tr>
<tr>
<td>SLU-23AGF</td>
<td>SLU-24AGF</td>
<td>SLU-25AGF</td>
</tr>
<tr>
<td>w=2.3mm</td>
<td>w=2.4mm</td>
<td>w=2.5mm</td>
</tr>
<tr>
<td>SLU-265AGF</td>
<td>SLU-275AGF</td>
<td>SLU-28AGF</td>
</tr>
<tr>
<td>w=2.65mm</td>
<td>w=2.75mm</td>
<td>w=2.8mm</td>
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<tr>
<td>SLU-285AGF</td>
<td>SLU-30AGF</td>
<td>SLU-32AGF</td>
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<tr>
<td>w=2.85mm</td>
<td>w=3.0mm</td>
<td>w=3.2mm</td>
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### Safety Type

<table>
<thead>
<tr>
<th>SK-SLU18M</th>
<th>SK-SLU20M</th>
<th>SK-SLU22</th>
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</thead>
<tbody>
<tr>
<td>w=1.8mm</td>
<td>w=2.0mm</td>
<td>w=2.2mm</td>
</tr>
<tr>
<td>SK-SLU23</td>
<td>SK-SLU24</td>
<td>SK-SLU28</td>
</tr>
<tr>
<td>w=2.3mm</td>
<td>w=2.4mm</td>
<td>w=2.8mm</td>
</tr>
<tr>
<td>SK-SLU30</td>
<td>SK-SLU32</td>
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</tr>
<tr>
<td>w=3.0mm</td>
<td>w=3.2mm</td>
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A knife with “M” at the end of Ref number has a line and maximal width mark at 2.0 mm from the blade tip.
CLEAR CORNEAL KNIVES
Cataract Surgery / Clear Corneal Incision - Whole Incision

The latest technology, chemical etching process creates this ultra sharp blade, producing a double bevel perfectly suited to clear corneal incisions. The new geometry allows high manoeuvrability for crafting the phaco self-sealing corneal tunnel.

Regular Type

Safety Type

A knife with "M" at the end of Ref number has a line and maximal width mark at 2.0 mm from the blade tip.
The Trapezoidal shape creates a tunnel with graduated sides, non parallel, to provide more maneuverability for the phaco tip.

**Regular Type**

<table>
<thead>
<tr>
<th>TR-12/14AGF</th>
<th>w=1.2×1.4mm</th>
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</thead>
<tbody>
<tr>
<td>1.2mm</td>
<td>1.4mm</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TR-125/14AGF</th>
<th>w=1.25×1.4mm</th>
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</thead>
<tbody>
<tr>
<td>1.25mm</td>
<td>1.4mm</td>
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</table>

<table>
<thead>
<tr>
<th>TR-15/19AGF</th>
<th>w=1.5×1.9mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5mm</td>
<td>1.9mm</td>
</tr>
</tbody>
</table>
IMPLANT KNIVES
Cataract Surgery / Scleral Tunnel Incision - Incision Widening for IOL

Manufactured to extend the phaco tip incision to create the exact size required to implant your intra ocular lens of choice.

Regular Type
**PARACENTESIS KNIVES**  
Cataract Surgery / Scleral Tunnel Incision - Side port  
/ Clear Corneal Incision - Side port  
/ Retina Surgery - Scleral Incision

Produced by grinding technology for highly accurate second instrument access. Post operatively, completely self sealing.

**Regular Type**

<table>
<thead>
<tr>
<th>Knife Type</th>
<th>Diameter</th>
<th>Length</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PCT-10F</td>
<td>w=1.0mm</td>
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<td></td>
</tr>
<tr>
<td>PCB-10AGF</td>
<td>w=1.0mm</td>
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</table>

**Safety Type**

<table>
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<th>Knife Type</th>
<th>Diameter</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SK-VKB20G</td>
<td>φ=0.9mm</td>
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<td></td>
</tr>
</tbody>
</table>

**MVR KNIVES**  
Cataract Surgery / Scleral Tunnel Incision - Side port  
/ Clear Corneal Incision - Side port  
/ Retina Surgery - Scleral Incision

Specifically designed for very precise vitrectomy surgery. Available in both straight and angled styles.

**Regular Type**

<table>
<thead>
<tr>
<th>Knife Type</th>
<th>Diameter</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VK-23GF</td>
<td>φ=0.6mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VK-20GF</td>
<td>φ=0.9mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VK-19GF</td>
<td>φ=1.0mm</td>
<td></td>
<td></td>
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</table>

**Safety Type**

<table>
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<th>Knife Type</th>
<th>Diameter</th>
<th>Length</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VKB-20GF</td>
<td>φ=0.9mm</td>
<td></td>
<td></td>
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</tbody>
</table>
SIDEPORT KNIVES
Cataract Surgery / Scleral Tunnel Incision - Side port / Clear Corneal Incision - Side port

Regular Type

SIDEPORT KNIFE TRAPEZOID
Suitable for Eyes with Shallow Anterior Chambers
Compared to the 15 degree or 22.5 degree stab knives, Sideport Knife Trapezoid can create trapezoidal incision with short incision distance. It minimizes the risk of damaging nucleus and especially effective to the patients with shallow anterior chambers. Also, the incision size can be adjusted by the depth of penetration, and it is easy to enlarge the incision with the sufficient length of the blades on both sides.

Improved Maneuverability
It is angled at 30 degree, and the head is compact. These features make penetration into the eyes at the ideal angle possible even for the patients with deep set eyes or narrow palpebral fissures.

Regular Type

SIDEPORT KNIFE STRAIGHT
A 1 mm-width sideport can be stably prepared. The 15°-angle-blade allows easy expansion of incision.

It can be used in the same way as a stab knife.

Regular Type

SIDEPORT KNIFE UTILITY
Able to make a stable sideport. Can easily create a port when using a retractor. Able to incise lamellar sclera with a single sideport knife utility.
MICROSURGERY KNIVES

MIKROCHIRURGISCHES EINMALMESSER
BISTOURI POUR MICROCHIRURGIE JETABLE
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CUCHILLETE DE MICROcirUGIA DESECHABLE
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TEK KULLANIMLIK MIKROCERRAHİ BIÇAK

Product specifications may change without notice.