

CE  
2803

**Shah**  
Eye Care (P) Ltd  
*the winds of change...*

ACCURATE

HIGH PERFORMANCE

ULTRA SHARP

DIMENSIONALLY PRECISE

CUTTING EDGE TECHNOLOGY



**acucut**  
*Redefining Accuracy*

Disposable Ophthalmic Microsurgical Knives



[www.shaheyecare.com](http://www.shaheyecare.com)

Shah Eye Care Pvt. Ltd. is a leading manufacturer of Disposable Ophthalmic Medical Devices, renowned globally for brands like Acucut and Acucut Safety - Disposable Ophthalmic Microsurgical Knives, crafted with precision using Electro Etching and Electro Polishing Technology which is adapted from Germany.

These knives are designed and manufactured to fulfill the demands of ophthalmologists worldwide, ensuring unparalleled precision, sharpness, and consistency in every procedure they do.

### Easy Model Identification

- Color-coded handles
- Printed blade models

### Enhanced Control

- Ergonomic design
- Textured non-slip handle



One of the leading manufacturers of Ophthalmic Microsurgical Knives



Manufacturing technology, process, & machinery adopted from Germany



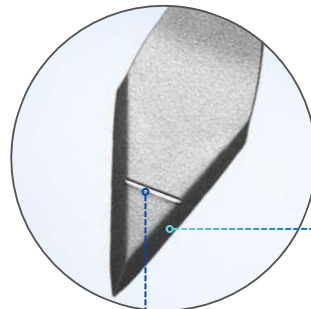
Match global brands in sharpness, performance, consistency, & quality

### Anti Glare (Matt Finish)

- Reduce reflective glare from operating room light source
- Maximum visibility of the knife within the eye chamber
- Improves view of the Operating field

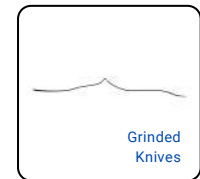
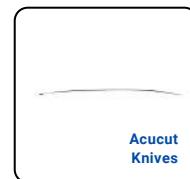
### Vacuum Purified Steel

- Made with vacuum-purified, double-melt-hardened, and tempered stainless steel
- Ensures uniform strength and ductility crucial for smooth, & consistent incisions



### Electro Etching & Polishing

Our Blades are crafted with Electro Etching & Polishing Technology, feature a smooth surface finish, consistently even edges, which deliver precise and even incisions



### Depth Indicator

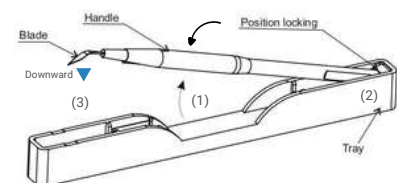
- For accurate Incisions

### Certifications

- ISO 13485:2016
- CE 2803
- USFDA Registered
- CDSCO Registered
- EUDAMED Registered
- Trademark Registered

### Case removal

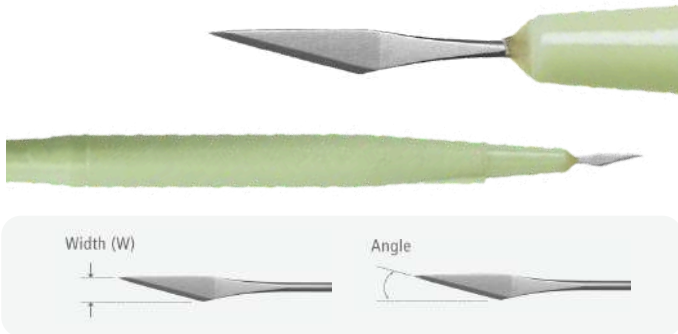
- (1) Lift up the handle to remove
- (2) Insert back into Position Locking Area
- (3) Push back knife tip facing in downward direction



- Sterile | Ethylene Oxide
- 10 pieces per box

## SIDE PORT / STAB KNIVES

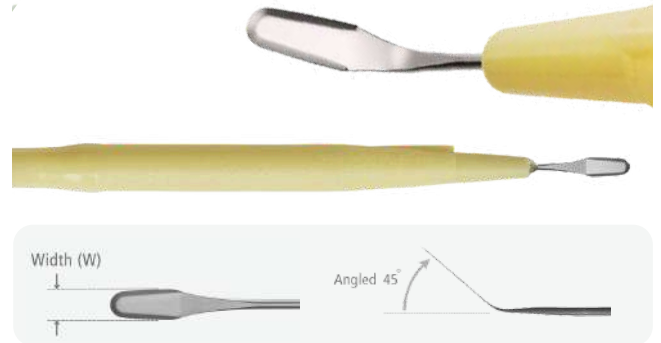
Acucut Side Port / Stab Knives play a crucial role in cataract surgery, providing a robust and accurate tip that ensures smooth and precise penetration during the critical initial stab incisions, thus enhancing surgical efficiency and precision.



Models	Shape	Cutting Profile Angle	Dimension (Width)
SP 15.0	Straight	15°	1.5 mm
SP 15.0-A-L	Angled Left (45°)	15°	1.5 mm
SP 15.0-A-R	Angled Right (45°)	15°	1.5 mm
SP 22.5	Straight	22.5°	1.5 mm
SP 30.0	Straight	30°	1.5 mm
SP 45.0	Straight	45°	1.5 mm

## CRESCENT KNIVES

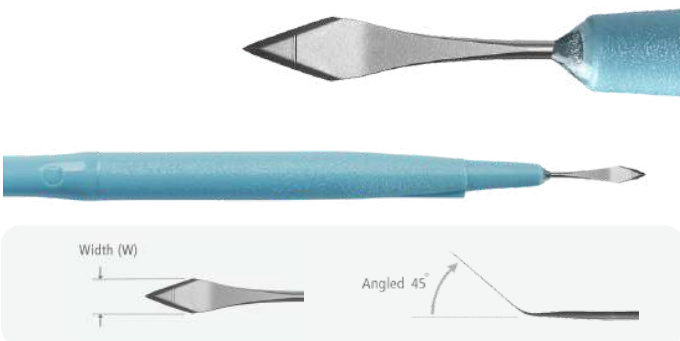
Acucut Crescent Knives are essential for pterygium removal and creating tunnel incisions in the sclera and cornea, vital for procedures like phacoemulsification, manual small incision cataract surgery (MSICS), and sutureless trabeculectomy.



Models	Shape	Shape Angle	Bevel Type	Dimension (Width)
CRU 20	Angled	45°	Bevel Up	2.0 mm
CRU 22	Angled	45°	Bevel Up	2.2 mm
CRU 26	Angled	45°	Bevel Up	2.6 mm
CRD 22	Angled	45°	Bevel Down	2.2 mm
CRD 26	Angled	45°	Bevel Down	2.6 mm
CRS 26	Straight	0°	Straight	2.6 mm

## SLIT / KERATOME SINGLE BEVEL KNIVES

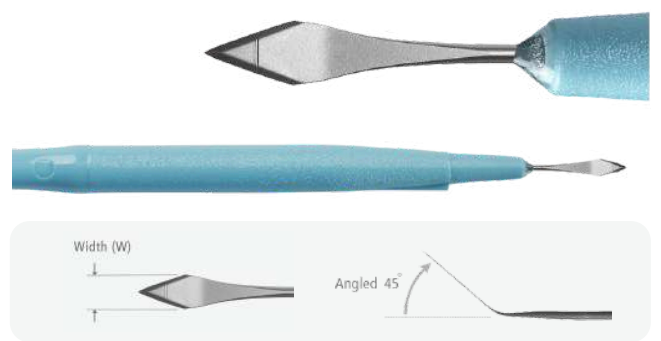
Acucut Slit / Keratome Knives used for sclerocornea centesis incision during cataract surgery, many sizes available to ensure the exact incision for your choice of Phaco tip and operating access along with standard angled bevel up model.



Models	Dimension (Width)	Models	Dimension (Width)
KR 10	1.0 mm	KR 25	2.5 mm
KR 12	1.2 mm	KR 26	2.6 mm
KR 14	1.4 mm	KR 265	2.65 mm
KR 16	1.6 mm	KR 275	2.75 mm
KR 18	1.8 mm	KR 28	2.8 mm
KR 20	2.0 mm	KR 285	2.85 mm
KR 22	2.2 mm	KR 30	3.0 mm
KR 24	2.4 mm	KR 32	3.2 mm

## SLIT / KERATOME DOUBLE BEVEL KNIVES

Acucut Slit / Keratome Knives facilitate precise sclerocorneal centesis incisions in cataract surgery, with various sizes to match your preferred Phaco tip. Additionally, our Acucut Slit Double Bevel Knives offer sharper precision compared to Single Bevel models.

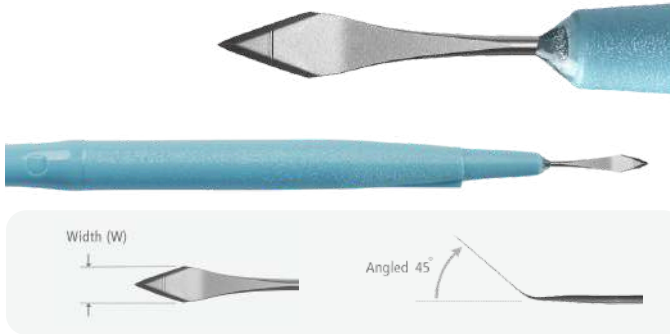


Models	Dimension (Width)	Models	Dimension (Width)
KR DB 18	1.8 mm	KR DB 265	2.65 mm
KR DB 20	2.0 mm	KR DB 275	2.75 mm
KR DB 22	2.2 mm	KR DB 28	2.8 mm
KR DB 24	2.4 mm	KR DB 285	2.85 mm
KR DB 25	2.5 mm	KR DB 30	3.0 mm
KR DB 26	2.6 mm	KR DB 32	3.2 mm



## CLEAR CORNEA SINGLE BEVEL KNIVES

Acucut Clear Cornea Single Bevel Knives perfectly suited for clear cornea incisions. The new geometry allows for high maneuverability in crafting the phaco self-sealing corneal tunnel and has been designed to provide easy visual reference at various depths for creating near-clear incisions.

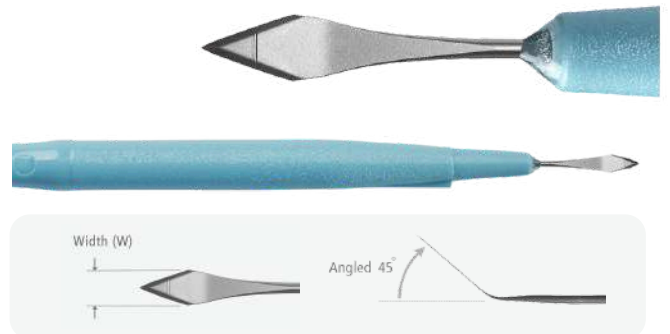


Models	Dimension (Width)
CC 18	1.8 mm
CC 20	2.0 mm
CC 22	2.2 mm
CC 24	2.4 mm
CC 25	2.5 mm
CC 26	2.6 mm

Models	Dimension (Width)
CC 265	2.65 mm
CC 275	2.75 mm
CC 28	2.8 mm
CC 285	2.85 mm
CC 30	3.0 mm
CC 32	3.2 mm

## CLEAR CORNEA DOUBLE BEVEL KNIVES

Acucut Clear Cornea Double Bevel Knives are perfect for precise corneal incisions, providing exceptional maneuverability in crafting the phaco self-sealing corneal tunnel. Equipped with depth indicators, they enable the creation of near-clear incisions. Their parallel side cutting ensures continuous contact with ocular tissue, guaranteeing superior control and efficiency.



Models	Dimension (Width)
CC DB 18	1.8 mm
CC DB 20	2.0 mm
CC DB 22	2.2 mm
CC DB 24	2.4 mm
CC DB 25	2.5 mm
CC DB 26	2.6 mm

Models	Dimension (Width)
CC DB 265	2.65 mm
CC DB 275	2.75 mm
CC DB 28	2.8 mm
CC DB 285	2.85 mm
CC DB 30	3.0 mm
CC DB 32	3.2 mm

## MVR KNIVES

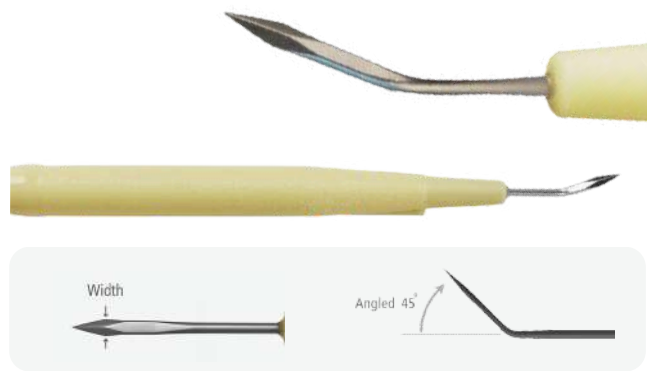
Acucut MVR Knives specially designed for very precise vitrectomy surgery. These knives are used for centesis incision into sclera during vitreous body surgery. It is also used to create side ports during cataract surgery.



Models	Shape	Gauge
MVR 19	Straight	19G
MVR 20	Straight	20G
MVR 23	Straight	23G
MVR 24	Straight	24G
MVR 25	Straight	25G

## PARACENTESIS KNIVES (MVR ANGLED)

Acucut Paracentesis Knives are manufactured for precise incisions and they are utilized for crafting side ports in cataract surgery.

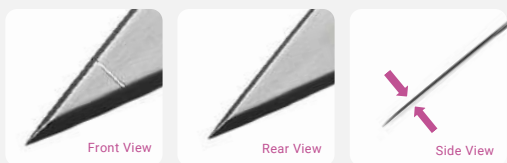


Models	Shape	Dimension (Width)
MVR 19A	Angled (45°)	1.4 mm
MVR 20A	Angled (45°)	1.2 mm
MVR 21A	Angled (45°)	1.1 mm
MVR 23A	Angled (45°)	1.0 mm
MVR 24A	Angled (45°)	0.8 mm
MVR 25A	Angled (45°)	0.6 mm

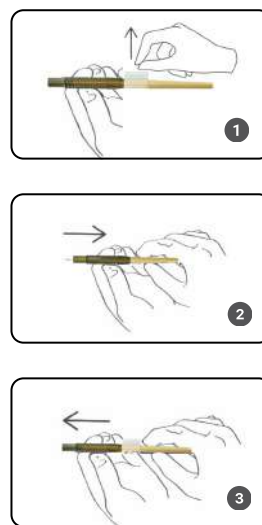
## Disposable Ophthalmic Microsurgical Knives

Shah Eye Care offers a new improved designed line of **Acucut Safety** - Ophthalmic Microsurgical Knives that consistently provide both the quality and high performance necessary to achieve these features with easy to use tip guard and user friendly design. This allows operating surgeon to handle instrument single handed by using slider protection sheath to open and close the instrument. This slider will minimize the risk of accidental injuries for humans and avoid blade damage

### What is Double Bevel?



Double Bevel indicates cutting edges on both sides of the blade. Our ultra-thin blade edges, crafted with vacuum-purified double melt stainless steel technology, ensure uniform strength and ductility.



- Easy to use tip guard
- Protection sheath to minimize the risk of accidental injuries
- Textured handle for perfect grip and control over the instrument

Depth Indicator



Anti Glare Surface



Better Grip



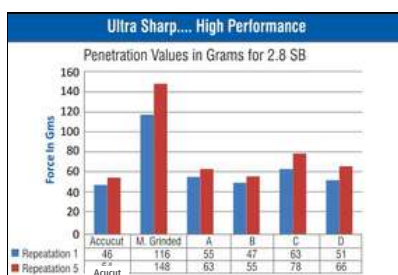
Safety Stopper



Retraction Lock



### Unique Advantages of Acucut Over Grinded Knives That Improve The Surgical Experience



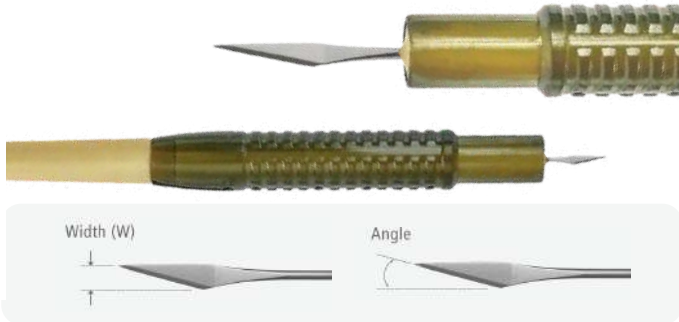
- Effortless tissue penetration
- Minimal wound leakage
- Excellent tactile response with minimal drag
- Minimized risk of infection through sterile packaging and single-use product

- Sterile | Ethylene Oxide
- 10 pieces per box



## SIDE PORT / STAB KNIVES

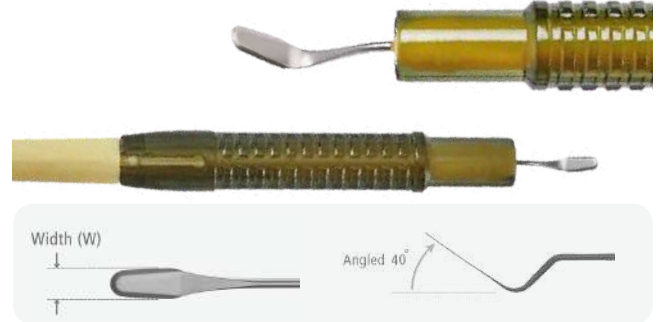
Acucut Safety Side Port / Stab Knives play a crucial role in cataract surgery, providing a robust and accurate tip that ensures smooth and precise penetration during the critical initial stab incisions, thus enhancing surgical efficiency and precision.



Models	Shape	Cutting Profile Angle	Dimension (Width)
SP 15.0-S	Straight	15°	1.5 mm
SP 22.5-S	Straight	22.5°	1.5 mm
SP 30.0-S	Straight	30°	1.5 mm
SP 45.0-S	Straight	45°	1.5 mm

## CRESCENT KNIVES

Acucut Safety Crescent Knives are essential for pterygium removal and creating tunnel incisions in the sclera and cornea, vital for procedures like phacoemulsification, manual small incision cataract surgery (MSICS), and sutureless trabeculectomy.



Models	Shape	Bevel Type	Dimension (Width)
CRU 20-S	Angled	Bevel Up	2.0 mm
CRU 22-S	Angled	Bevel Up	2.2 mm
CRU 26-S	Angled	Bevel Up	2.6 mm
CRD 22-S	Angled	Bevel Down	2.2 mm
CRD 26-S	Angled	Bevel Down	2.6 mm
CRS 26-S	Straight	Bevel Up	2.6 mm

## SLIT / KERATOME SINGLE BEVEL KNIVES

Acucut Safety Slit / Keratome Knives used for sclerocornea centesis incision during cataract surgery, many sizes available to ensure the exact incision for your choice of Phaco tip and operating access along with standard angled bevel up model.

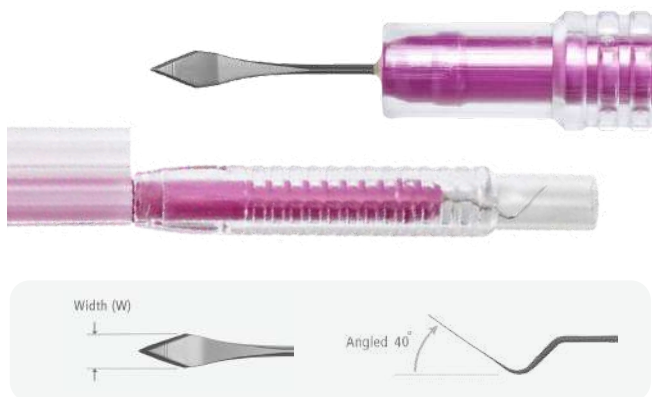


Models	Dimension (Width)
KR 10-S	1.0 mm
KR 12-S	1.2 mm
KR 14-S	1.4 mm
KR 16-S	1.6 mm
KR 18-S	1.8 mm
KR 20-S	2.0 mm
KR 22-S	2.2 mm
KR 24-S	2.4 mm

Models	Dimension (Width)
KR 25-S	2.5 mm
KR 26-S	2.6 mm
KR 265-S	2.65 mm
KR 275-S	2.75 mm
KR 28-S	2.8 mm
KR 285-S	2.85 mm
KR 30-S	3.0 mm
KR 32-S	3.2 mm

## SLIT / KERATOME DOUBLE BEVEL KNIVES

Acucut Safety Slit / Keratome Knives facilitate precise sclerocorneal centesis incisions in cataract surgery, with various sizes to match your preferred Phaco tip. Additionally, our Acucut Slit Double Bevel Knives offer sharper precision compared to Single Bevel models.



Models	Dimension (Width)
KR DB 18-S	1.8 mm
KR DB 20-S	2.0 mm
KR DB 22-S	2.2 mm
KR DB 24-S	2.4 mm
KR DB 25-S	2.5 mm
KR DB 26-S	2.6 mm

Models	Dimension (Width)
KR DB 265-S	2.65 mm
KR DB 275-S	2.75 mm
KR DB 28-S	2.8 mm
KR DB 285-S	2.85 mm
KR DB 30-S	3.0 mm
KR DB 32-S	3.2 mm

## CLEAR CORNEA SINGLE BEVEL KNIVES

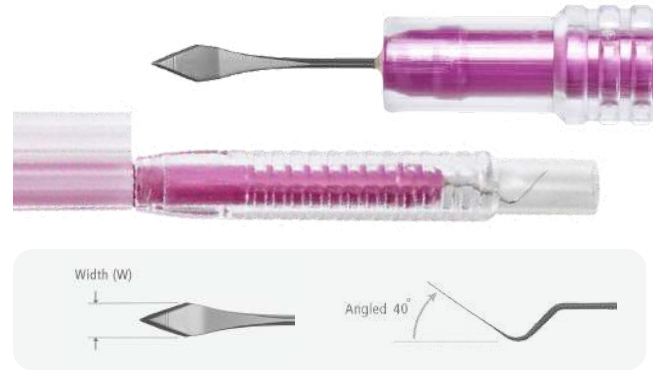
Acucut Safety Clear Cornea Single Bevel Knives perfectly suited for clear cornea incisions. The new geometry allows for high maneuverability in crafting the phaco self-sealing corneal tunnel and has been designed to provide easy visual reference at various depths for creating near-clear incisions.



Models	Dimension (Width)	Models	Dimension (Width)
CC 18-S	1.8 mm	CC 265-S	2.65 mm
CC 20-S	2.0 mm	CC 275-S	2.75 mm
CC 22-S	2.2 mm	CC 28-S	2.8 mm
CC 24-S	2.4 mm	CC 285-S	2.85 mm
CC 25-S	2.5 mm	CC 30-S	3.0 mm
CC 26-S	2.6 mm	CC 32-S	3.2 mm

## CLEAR CORNEA DOUBLE BEVEL KNIVES

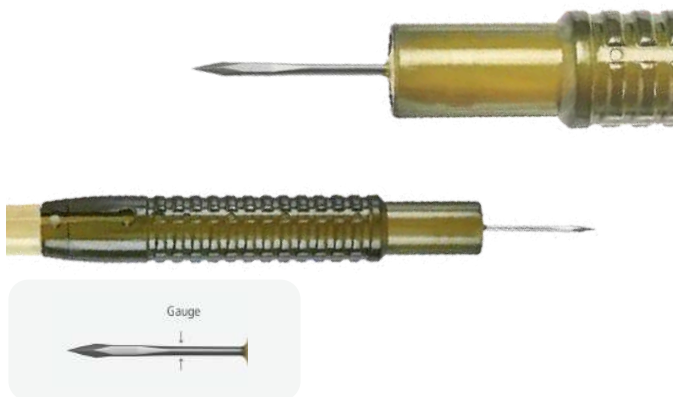
Acucut Safety Clear Cornea Double Bevel Knives are perfect for precise corneal incisions, providing exceptional maneuverability in crafting the phaco self-sealing corneal tunnel. Equipped with depth indicators, they enable the creation of near-clear incisions. Their parallel side cutting ensures continuous contact with ocular tissue, guaranteeing superior control and efficiency.



Models	Dimension (Width)	Models	Dimension (Width)
CC DB 18-S	1.8 mm	CC DB 265-S	2.65 mm
CC DB 20-S	2.0 mm	CC DB 275-S	2.75 mm
CC DB 22-S	2.2 mm	CC DB 28-S	2.8 mm
CC DB 24-S	2.4 mm	CC DB 285-S	2.85 mm
CC DB 25-S	2.5 mm	CC DB 30-S	3.0 mm
CC DB 26-S	2.6 mm	CC DB 32-S	3.2 mm

## MVR KNIVES

Acucut Safety MVR Knives specially designed for very precise vitrectomy surgery. These knives are used for centesis incision into sclera during vitreous body surgery. It is also used to create side ports during cataract surgery.



Models	Shape	Gauge
MVR 19-S	Straight	19G
MVR 20-S	Straight	20G
MVR 23-S	Straight	23G
MVR 24-S	Straight	24G
MVR 25-S	Straight	25G

## PARACENTESIS KNIVES (MVR ANGLED)

Acucut Safety Paracentesis Knives are manufactured for precise incisions and they are utilized for crafting side ports in cataract surgery.



Models	Shape	Dimension (Width)
MVR 19 A-S	Angled (40°)	1.4 mm
MVR 20 A-S	Angled (40°)	1.2 mm
MVR 23 A-S	Angled (40°)	1.0 mm
MVR 24 A-S	Angled (40°)	0.8 mm
MVR 25 A-S	Angled (40°)	0.6 mm

