



**ASICO Innovator Forum
 at ESCRS Lisbon 2017**

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Takashi Hida, MD PhD - Brazil



Topic:
4000 Cases of FLACS
 Date: Sat, Oct 7, 2017
 Time: 10am

Takayuki Akahoshi, MD - Japan



Topic:
10,000 Cataract Cases- Surgical Efficiency
 Date: Sun, Oct 8, 2017
 Time: 11am
 Date: Mon, Oct 9, 2017
 Time: 11am

Shail Vasavada, MD - India



Topic:
Advanced Techniques for MICS Procedure
 Date: Sun, Oct 8, 2017
 Time: 12 noon

Jod Mehta, MD - Singapore



Topic:
SMILE Made Easy
 Date: Sun, Oct 8, 2017
 Time: 2pm

Donald Tan, MD - Singapore



Topic:
Hybrid DMEK- Transitioning From DSAEK to DMEK
 Date: Mon, Oct 9, 2017
 Time: 12 noon

Innovative Procedure Sets for Better Surgical Outcomes

Designed by Innovator Forum Surgeons and Other Key Opinion Leaders

About Us:

Since 1983, ASICO has continuously led the world in ophthalmic innovations and quality for surgical instruments. With the philosophy of "Today's Precision... Tomorrow's Vision," ASICO has transformed dreams and concepts of numerous surgeons into reality. ASICO is, and has been, the world's first for the most popular choppers, pre-choppers, micro-capsulorhexis forceps, Toric markers, and corneal instruments for DSAEK, DALK, and DMEK.

To maintain a reputation of excellence, ASICO is always looking to work with surgeons to create exceptional products. ASICO has repeatedly set the standard for innovation and quality in a continuously evolving industry, in order to provide the best surgical outcomes.

ASICO is Specified and Preferred by Eye Surgeons Worldwide.
 Here is why - Innovation, Quality, Uncompromised Value !

Newsletter Features:

- MICS
- Toric Marker
- DALK
- MIGS
- SMILE Technique
- Hybrid DMEK
- Dry Eye
- IOL Extraction

Scan here to see the educational video channel by ASICO on YouTube



Visit Our Website For More Information
www.asico.com

Micro Coaxial Cataract

(Customize your surgical set)



Education Video Link:
MICS System by ASICO for
Advanced Phaco Machines



Takayuki Akahoshi, MD - Japan

Akahoshi Micro Incision Capsulorhexis Forceps AE-4347

AE-4347

Tongue and groove mechanism prevents jaw overlap

6 Laser lines on the jaws serve as a guide to capsulorhexis

Sharp tip acts as a cystotome to initiate capsulorhexis



- Flat handle, easy to manipulate through a 1.8 mm incision
- 6 laser lines on the shaft 1mm apart

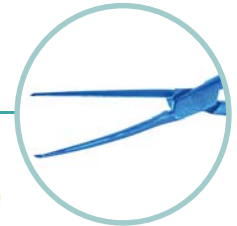
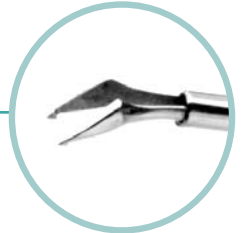
Ikeda Nozomi Capsulorhexis Forceps, 23G AE-4402

AE-4402

- Forceps tip has unique design like Japan's Shinkansen Super Express
- Due to its unique shape of the tip, allows for better visibility and maneuverability through the paracentesis incision
- Broad shape of the blades ensures a firm grip



Ikeda Nozomi Capsulorhexis Forceps



Inamura Flat Handle Capsulorhexis Forceps AE-4408

AE-4408

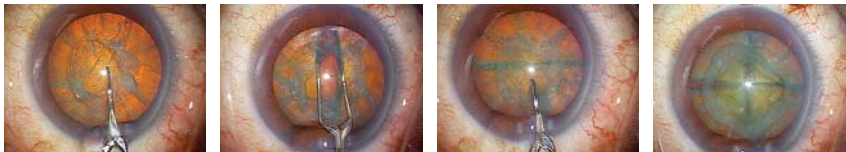
- Light weight titanium forceps with flat handle
- Fits through 2.2mm incision
- Tip design allows for firm grasping of the anterior capsule



Akahoshi Combo II Prechopper AE-4190

AE-4190

- Designed to prechop soft nuclei grades 1 to 2 using the Karate (Vertical) Prechop Technique
- Jaws open wider than conventional prechoppers in the anterior chamber while using in sub-2.0mm incision, so that there is no stretching of incision
- Rounded side of the blade can be used safely to attain the complete division
- Can also be used to complete the nucleus fragmentation in Femtosecond cataract surgery

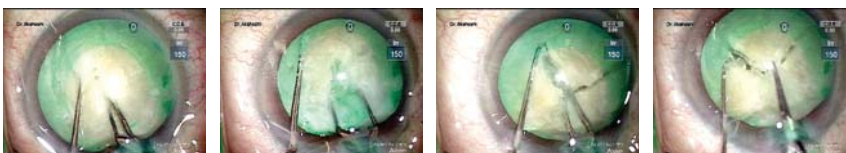


Scan here to see the video of MICS System by ASICO for Advanced Phaco Machine

Akahoshi Universal II Prechopper AE-4192

AE-4192

- Designed to be used for sub 2.0mm incision
- Designed to prechop hard nuclei grades 3 to 5
- For prechopping hard nuclei, the Akahoshi Nucleus Sustainer is used with the counter-prechop technique

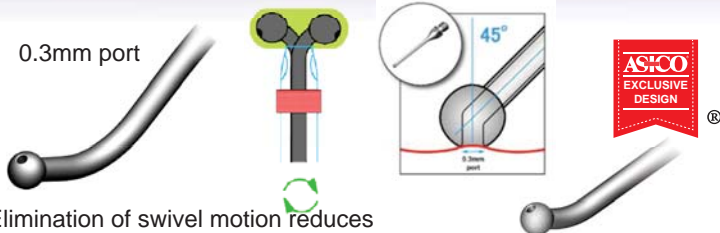


Akahoshi Nucleus Sustainer AE-2530

Micro Coaxial Cataract



Scan here to see the video of MICS System by ASICO for Advanced Phaco Machine



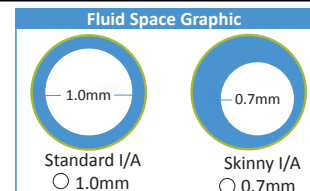
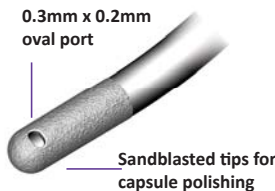
Elimination of swivel motion reduces mechanical stress on the incision Also available in sandblasted version

Akahoshi Ball I/A Tip Patented USP 9,233,195

- 45° port allows complete cortical cleaning by rotation, rather than swivel motion resulting in less mechanical stress on the incision
- The smooth surface of the ball head allows safe and complete capsular vacuum and polishing
- The curved tip can reach any part of the capsular bag quite easily
- Universal threading works with Alcon, J&J/AMO or B&L and other popular phaco consoles with a threaded I/A handpiece
- Works with all popular irrigating sleeves in the market

Advanced I/A tips - Patented Technology

Catalog Number Guide			
Options	Straight	Bent	Curved
Skinny I/A Tips	AE7-3050	AE7-3051	AE7-3052
Skinny I/A Tips (Non Sandblasted)	AE7-3050NS	AE7-3051NS	AE7-3052NS
Ball I/A Tips	AE7-3060	AE7-3061	AE7-3062
Ball I/A Tips (Sandblasted)	AE7-3060S	AE7-3061S	AE7-3062S



Patented USP 9,233,195

Akahoshi Skinny I/A Tip

- 42% more irrigation flow
- 0.7mm diameter compared to the traditional 1.0mm, allows the maximum irrigation flow which results in maximum cortical cleaning efficiency and a stable and deep anterior chamber
- 0.3mm x 0.2mm oval port allows for maximum aspiration efficiency
- Universal threading works with Alcon, J&J/AMO or B&L and other popular phaco consoles with a threaded I/A handpiece
- Works with all popular irrigating sleeves in the market

Toric Markers



Designed by Dr Akahoshi

Many published studies available upon request



Please scan here to see AXsys® Toric Marking Technique by Dr. Akahoshi



US Patent: 9668920
Additional Technology Patents Pending

"AXsys® is the only device that uses my audio-visual awareness to keep it perfectly horizontal and mark the desired axis precisely while staying focused on my patient's eye."

- Dr. Takayuki Akahoshi, Japan



Education Video Link:

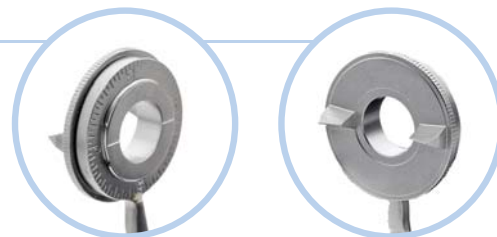
[AXsys® Toric Marking Technique by Dr. Akahoshi](#)

AXsys One Step Electronic Toric Marking Device

AE-2930



- The most accurate and reliable device available in the market - accurate up to 0.2°
- Ergonomic anti-rotation handle
- The electronic head utilizes visual and audio cues to ensure the correct 0-180 degree plane while making the toric mark



Also Available in Pre-Op AXsys Marking Device AE-2929

Its innovative design utilizes both light and sound to guide the doctor to the most accurate 0 and 180 degrees pre-op reference marking



Akahoshi Intra-operative Axis Marker with CCC Guide

AE-2933



Outer knurled barrel can be rotated to set the desired axis

5.5mm CCC Guide

- Marks the desired axis intra-operatively
- Outer diameter is 10mm that is easy to apply for small eyes and narrow lid cases
- The inner distance between the blades is 5.5mm indicating the ideal CCC size

Permanent extension to align with 0°- 180° Pre-Op marks





Please scan here to see the video of Dr. Tan's DALK Technique

Tan DALK Scissors AE-5666(Left) AE-5667(Right)



- Safety platform protects from Descemet's perforations

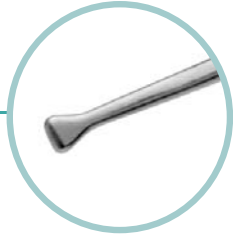
Safety platform



Tan DALK Marginal Dissector AE-2549



- Highly polished, triangular tip that can be used to separate stroma from Descemet's at the periphery



Tan DALK Cannula 27G AE-7803



- Highly polished, triangular tip that can be used to separate stroma from Descemet's at the periphery



MIGS (Minimally Invasive Glaucoma Surgery) Technique



Dr. Vanessa Vera - Venezuela

Vera XEN® Fixation Hook AE-2588



- Provides easy eye fixation through a standard cornea side port
- Enables the surgeon to move the eye around during surgery
- Developed particularly to be used during XEN® (Allergan) implantation
- Little cone in the front of the Vera Hook enables easy entry into the side port and provides some holding resistance to inhibit the instrument from slipping out unintentionally



ICMS Needle Holder 21G



- Specially treated tungsten carbide jaws create a secure hold on the needle allowing for easy holding of the shunt



Straight

AE-6902



Curved

AE-6903

SMILE (Small Incision Lenticule Extraction) Technique

Education Video Link:
[Dr. Mehta's SMILE Technique](#)

Product Literature Link:
[SMILE instrument Brochure](#)



Please scan here to see the video of SMILE procedure



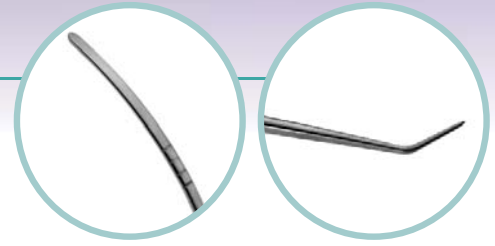
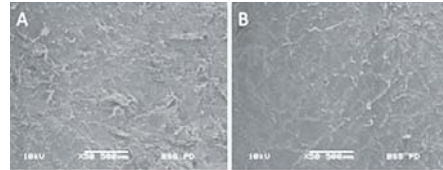
Jodhbir Mehta, MD - Singapore

Jod Mehta SMILE/Pocket Dissector AE-2403



- Elongated hook with laser lines on one side aids in appropriate identification of the correct planes and guides the surgeon to reach the instrument in relation to lenticule size
- The dissector on the other end helps to release the lenticule from the cornea

Representative SEM micrographs showing a rougher graft interface dissected by other dissectors (A), and a smoother interface by a Jod Mehta SMILE/Pocket Dissector: AE-2403 (B)



Tan DSAEK/SMILE Forceps, 23G AE-4226



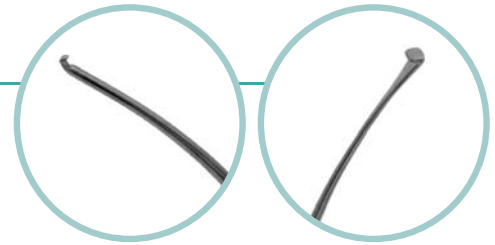
- Delicate serrated jaws with blunt tip allows for the easy lenticule removal
- Multipurpose forceps is also used for DSAEK
- Also available in 25G (AE-4221)



Jod Mehta SMILE Epithelial / Lenticule Remover AE-2404



- One end acts as a guide to help surgeon to the exact edge of the lenticule, the other end has a curved spoon shape to allow safe removal of epithelium



Hybrid DMEK Innovations



Education Video Link:
[New Approaches to DMEK Surgery](#)



Scan here To see the video of Dr. Tan's Hybrid DMEK Technique



Donald Tan, MD - Singapore

Tan-Jod DMEK Block AE-1570

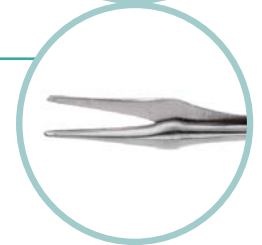
- Designed for standard DMEK or the Hybrid DMEK procedure- this can be used on DMEK donor tissue
- The block provides suction with a spring loaded syringe



McKee/Price DMEK Scissors AE-5670



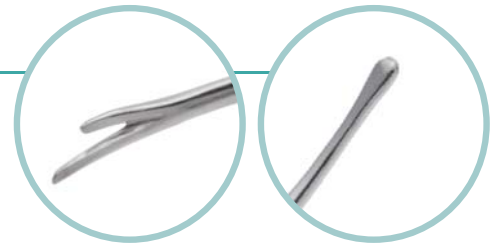
- 23G scissors are used for iridectomy during DMEK surgery
- It is also ideal for trimming the posterior cornea if necessary to create a smooth graft bed or for any other intraocular work that requires precise trimming of ocular tissue



Tan DMEK Stripper AE-2336



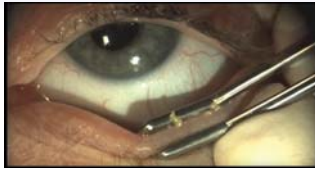
- The instrument is double ended- the double tipped end is designed for cutting the peripheral margins of Descemet's membrane circumferentially without radial tears
- The curved single tipped end is designed for lamellar separation



Dry Eye Treatment

Yoshitomi Meibomian Gland compressor

AE-4521



- Using xylocaine or similar anesthetic eye drops, the doctor can open the patient's eyelids with his/her fingers lightly, and using the compressor, the eyelids are pinched from the front and back
- It presses the Meibomian glands and causes the contents to be discharged – this can be done at the slit lamp microscope or treat in a supine position with a surgical microscope



IOL Extraction

Perez Loop Device-For Lens Extraction

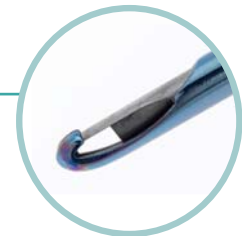
AE-2581



- Designed to remove an implanted, damaged IOL inside the anterior segment
- Device is introduced in the chamber via a paracentesis (20G)
- Device is placed such that a small portion of the edge the optic of the IOL is between the two edges of the loop
- With the Device immobilizing the lens, an IOL scissors or a simple Vannas scissors can be introduced to cut the lens into manageable pieces
- Suitable for any kind of IOL including C-loop IOLs and single piece IOLs

ASICO IOL Cutter

AE-4296



- Designed to securely cut and remove silicone and/or acrylic IOLs
- Atraumatic shape on the front end of the tip for easy insertion through a 3mm wound
- Features a cavity for holding the lens

Shimowake Nucleus/ IOL Scissor, serrated

AE-5437



- Features specially designed tips to cut an acrylic lens and the nucleus
- For added safety, the tips of the scissors are rounded to prevent any potential tears on the capsule and/or the iris
- Serrated tip helps cut the IOL in present of viscoelastic without slipping



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