Micro-incision cataract surgery (MICS) provides better post-operative outcomes and brings benefits in reducing the use of phacoemulsification power. Outstanding stability throughout the surgery and wide range of surgical capacity, makes MICS one of the most advanced and adequate ophthalmic surgical technologies.

ASICO, the world’s leading ophthalmic instruments company, has been working side-by-side with innovative surgeons in order to create the most advanced MICS instruments to enhance the surgical outcomes. We have developed technologies which aid in all MICS needs, including: the sharpest clear corneal knife, the thinnest CCC forceps for 1.8mm incision, a phaco tip with 30% better efficiency, etc. The attention to detail is evident in the quality and performance of each instrument, or device, with the ASICO brand.
Capsulorhexis
MICS Solution 1.8mm-2.2mm

1. Tongue and groove mechanism prevents jaw overlap
2. Six Laser Lines with 1mm apart on the Jaws serve as a guide to Capsulorhexis
3. Sharp tip acts as a cystotome to initiate Capsulorhexis

Ikeda-Nozomi Micro CCC 23G Forceps:
AE-4402S
45° Angled tip for great visualization. The tip opens in anterior chamber hence there is no incision stretch or loss of viscoelastic through the incision

Pre-Chopper
2.2mm Incision

Akahoshi Universal II Pre-chopper:
AE-4192
Sharp tip supports Counter pre-chop technique
For grade 3-5 nucleus
(Used in conjunction with Akahoshi Sustainer AE-2530)

Akahoshi Micro Incision Capsulorhexis Forceps:
AE-4347
Extra thin Utrata style, ideal for 1.8mm incision

Akahoshi Capsulorhexis Cross-Action Forceps:
AE-4345
Unique cross action mechanism reduces loss of viscoelastic material through the incision. Consecutively deep anterior chamber can be maintained and rhexis edge can be better controlled

Cortex Management
Compatibility
Compatible with all popular I/A handle and phaco consoles

Skinny I/A Tip
AE7-3051
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 by 0.2mm elliptical port ensures better occlusion

Ball I/A Tip
AE7-3062
The ball diameter is 1mm which restricts forward flow and maximizes side port flow. 45 degree angled port allows for direct cortex approach and allows for safe & complete vacuum of posterior capsule

TASS compliant I/A handle
AE7-0029
For TASS Management - I/A handle’s complete cleaning capability helps to avoid possible contamination. Compatible with all I/A tips, sleeves, and phaco consoles.
Femtosecond Docking Station
Speculums
Ideal for femtosecond cataract procedure. Blades conform to all popular docking stations and provide maximum exposure.

- Crozafon Speculum: new
  AE-1034
  Angled speculum to avoid interference with the suction tubing. Self Locking mechanism

- Slade Femtosecond Spatula: new
  AE-2326
  Flat and blunt tip used for opening incision

- Yeoh Femtosecond (Double ended) Spatula: new
  AE-2332
  Precise tip shapes for opening incisions made by the femtosecond laser

Incision Opening
Spatula

- Slade Femtosecond Spatula: new
  AE-2326
  Flat and blunt tip used for opening incision

- Yeoh Femtosecond Pre-chopper: new
  AE-4294
  Completely blunt and thin for complete nucleus separation through main port incision

- Nagy Femtosecond Chopper: new
  AE-2559
  Nagy chopper has blunt tip which allows to crack the nucleus through side port incision along the fragmentation lines created by laser

Femtosecond Nuclei Splitting

- Yeoh Femtosecond Pre-chopper: new
  AE-4294
  Completely blunt and thin for complete nucleus separation through main port incision

Toric
(All products are ASICO exclusive)

- AXsys™ One Step Electronic Toric Marking Device: new
  AE-2930
  Accurate up to 0.2°
  Ergonomic anti-rotation handle

- Neuhann-Nuijts One-Step Toric Marker
  AE-2799T
  Sensitivity of the device is less than 0.5 degrees. It can be used as a Pre-Op and Intra Op marker all rolled into one. Designed to be used for smaller eyes

- Akahoshi Intra-operative Axis Marker with CCC Guide: new
  AE-2933
  • Outer diameter is as small as 10mm
  • To mark the desired axis intra-operatively
  • Easy to apply for small eyes and narrow lid cases
  • The inner distance between the blades is 5mm indicating the ideal CCC size
Cornea Procedures (All products are ASICO exclusive)
(DALK / DSAEK / DMEK)

Refer to ASICO website for more cornea instruments

Tan DALK Cannula 27G: AE-7803
Spatulated tip to tunnel through stroma, blunt to protect against Descemet’s perforation

Subluxated IOL Exchange

Tan DALK Scissors (Left & Right): AE-5666 & AE-5667
Safety platform protects from Descemet's perforations

Tan DALK Marginal Dissector: AE-2549
Highly polished, triangular tip that can be used to separate stroma from Descemet’s at the periphery

Tan DSAEK/Smile Forceps 23G: AE-4226
Minimizing contact with the stroma, and eliminating contact with the endothelium. Can grasp the lenticule and remove it from the corneal pocket. Also can be used in thin DSAEK technique (Also available in 25G: AE-4221)

Nishi IOL Haptic Fixation Forceps 23G new AE-4904
The Nishi forceps has a groove which is located at an angle to hold the haptic. This ensures easy pick of the haptic without much maneuvering or crushing the haptic. The angulation of the tip provides ease of manipulating the haptic

Chee Subluxated IOL Grasping Forceps 21G AE-4907
This specially designed atraumatic forceps has gently sand-blasted gripping surfaces that allow the surgeon to reach and hold onto the IOL optic or haptic as needed

Chee Horizontal Haptic Grasping Forceps (AE-4901) new
Chee Vertical Haptic Grasping Forceps (AE-4902)
Retrieving the haptic of an IOL through a sclerotomy is a crucial step in the process of intrascleral fixation of an IOL. Using conventional micro forceps may kink or crush the haptic, making threading of the haptic into the scleral tunnel difficult. Chee Horizontal Haptic Grasping Forceps and Chee Vertical Haptic Grasping Forceps are specifically designed tip to grasp the tip of haptic while retrieving through 23G sclerotomy for intrascleral placement

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Harmonyx™ Phaco Tip

Harmonyx Tip is an eccentric square tip. This patented tip is designed by Dr. Akahoshi. The beauty of the tip is that it works equally efficiently with traditional longitudinal ultrasound as well as Torsional phaco.

ASICO tested this tip with all the popular phaco consoles available in the market with the help of 29 surgeons’ world wide. Based on the data for 40,000 cases, it was found that this tip offers 30 % better efficiency in phaco emulsification despite of the techniques and phaco machine used.

Superior Outcome With any Technique Or any Machine

HARMONYX™ CDE and Aspiration Study on OZil®

Compared with the conventional round phaco tip, HARMONYX™ is superior in CDE, aspiration time and BSS consumption.

Harmonyx™ tips are covered by a family of patents worldwide. FDA (U.S.A); Not for sale for US Physicians; pending FDA approval

US Patent 8,764,782
US Patent 8,439,933
US Patent 8,801,737
US Patent 8,439,933
EU Patent 2 429 468
Multiple Worldwide Patents Pending

CE (E.U):
Reusable Harmonyx™ - approved
Single Use Harmonyx™- pending approval

Health Canada:
Both Single Use and Reusable
Harmonyx™ are approved for sale

OZil® is registered trademark of Alcon/Novartis.

Iris Retractor

MaxIRIS™ Retractor

AS-2155
ASICO features a unique packaging modality that enables surgeon to use each iris hook separately and to remove one iris hook at a time, as necessary for the procedure (Pending CE approval)

KAMRA Instrument

Machat KAMRA Pocket Lifter

AE-2416
This is an essential tool for KAMRA pocket procedures, designed to open the mouth of the pocket during the introduction of the KAMRA inlay, preventing epithelial cells from being introduced and providing counter-traction upon placement of the KAMRA inlay allowing the withdrawal of the forceps without altering placement of the inlay.

3.8mm mark
1.6mm mark

Marking edges are highlighted

MC Arbelaez Double marker

AE-2338
The MC Arbelaez double marker has the same dimensions as the KAMRA inlay, which makes it far easier, accurate to align and center the inlay in the cornea, because of the two references, the central one and the peripheral one, any small displacements in any direction are easy to spot. The markings represents circles of 1.6mm and 3.8mm
Clear Cornea Knife & Cannula

The unique geometric bevels on the edge of the blade help to create the perfect square incision for self-sealing construction and to prevent wound leakage.

Available in Sizes

- 15° Stab
- 1.0 mm (sideport)
- 2.2 mm
- 2.4 mm
- 2.5 mm
- 2.65 mm
- 2.75 mm
- 2.8 mm
- 3.0 mm

Chang Hydrodissection Cannula 27G:
AS-7638
• 90° bend at tip facilitates placement beneath subincisional Capsulorhexis edge to preferentially loosen the subincisional cortex

Akahoshi Hydrodissection Cannula 27G:
AS-7636
• Tapered tip can easily be inserted beneath capsulorhexis edge
• Tapered design manages intraocular pressure and keeps the incision sealed