

# INNOVATIONS for Better Outcomes®

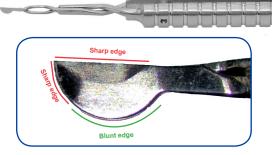


# Next Generation Prechoppers for Grade 3 to 5



## Akahoshi Vienna Window Prechopper - AE-4183





Inspired from the window of an old building in Vienna, this prechopper has broader surface with the same thickness and double edged blades as Combo IV. Broader blade has an advantage to provide better separation of the bisected nucleus especially in soft cataract which was difficult to prechop with the conventional prechoppers. It can also be used with Nucleus Sustainer for harder nuclei by Counter Prechop technique. This single prechopper can manage wider range of nuclei from Grade 1 to 5- by any prechop techniques.

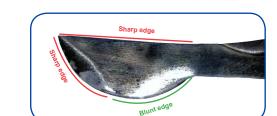


Dr. Takayuki Akahoshi, Japan

#### Akahoshi Combo IV Double Edged Prechopper - AE-4198

ASIGO USA

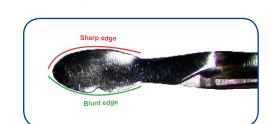
**Patent Pending** 



Popular Combo Prechopper was modified to have thinner blades with double sharp edges. Much easier to penetrate into the nucleus by vertical Karate Prechop technique with less stress on the ciliary zonule. It can be used also for harder nuclei up to Grade 4- by horizontal Counter Prechop with Nucleus Sustainer AE-2530. This single prechopper can manage wider range of nuclei from Grade 1 to 4- by any prechop techniques.

### Akahoshi Sharp Paddle Prechopper - AE-4199

Patent Pending



This paddle shaped prechopper has no sharp angular edge. It was designed for soft nuclei up to Grade 2. Thin blades are easy to insert into the nucleus without stressing the ciliary zonule. As the notched side of the blade is blunt, it can separate the posterior plate of the nucleus quite safely very close to the posterior capsule. It is also suitable for completing the prechop in femtosecond laser fragmentation.

"I want to help surgeons as well as patients. Phaco Prechop is one of my offers. I made it easier and faster."

- Dr. Takayuki Akahoshi, Japan