

# VR Innovations from Dr. Naoichi Horio



Naoichi Horio, MD  
Ichinomiya, Japan

*"One of the key issues in vitreoretinal surgery is having too many instruments in the OR. In working with ASICO to create these instruments, the main goal was to allow the surgeon to perform multiple tasks with one instrument at a time, eliminating the need for excessive instrument exchange throughout vitreoretinal surgery. Here we have created an instrument set that combines safety with elegant performance."*  
-Dr. Horio

## AE-2923: Horio Membrane Spatula, 25G



**Spatula can be used as a 2-in-1 device to separate and lift or cut the membrane.**



The strong curve of this dull-tipped spatula provides safe separation of the proliferative membrane from the retina; it elevates the membrane and also cuts the epicenters with the sharp-edged sides. Sticky, thin membranes attached to the retina can be separated with the side edges of this spatula. It also helps lift the hyaloid in making posterior vitreous detachments.

## AE-4927: Horio ILM/Subretinal Forceps, 25G



**Forceps can be used as a 2-in-1 device to peel and catch the membrane.**



The blunt tips provide a safety feature while peeling the ILM and the sandblasted platform helps catch the ILM. This long platform helps grab the subretinal strand behind the retina, while the space between the platform and the base prevents one from catching the retina and increases the surgeon's visibility of the retina.

## AE-5615: Horio Pick/Scissors, 25G



**Scissors can be used as a 2-in-1 device to pick and cut the membrane.**



When placing the curved, blunt tips parallel to the retina, one can separate or cut the proliferative membrane from the retina safely. Since the curve of the tips is similar to the Horio Spatula, it also works as a membrane elevator.