DORC EVA NEXUS

“In Asia, due to the high prevalence of myopia, we frequently encounter cases of rhegmatogenous retinal detachment. I’ve found that the VacuFlow VTi technology in the DORC EVA NEXUS system is particularly advantageous for managing these detachments. The device’s two-dimensional cutter enables high-speed vitreous cutting, while the piston-driven Vacuum mode maintains cutting efficiency and provides stable pressure control, preventing eyeball collapse. Additionally, the Flow mode, which can regulate flow with 0.1 cc precision, creates a highly stable environment for peripheral vitreous shaving in detachment cases. One unique feature of the VacuFlow VTi Technology is its effectiveness in aspirating subretinal fluid during the air phase. Initially, the Vacuum mode enables efficient aspiration with backflush. However, as the eye fills with air and the remaining subretinal fluid decreases, extracting residual fluid can become challenging. Switching to Flow mode at this point allows for precise aspiration, down to 0.1 cc, ensuring thorough fluid removal and successful retinal reattachment.”

Dr. Lin, Tai-Chi

Director, Vitro Retinal Division,
Department of Ophthalmology,
Taipei Veterans General Hospital, Taiwan

www.zeiss.com/eva-nexus

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