27G Instruments
No compromise small gauge surgery
NO COMPROMISE EFFICIENCY IN 27G

TDC: Two Dimensional Cutter
(ref. 8268.VIT27)

- High efficiency 27G TDC vitrectome performs at aspiration flow rates similar to traditional 25G *
- Versatile 27G vitrectome enables removal of floaters, PVR and lens material
- TDC design provides effective 92% duty cycle maximising cutting efficiency and reducing vitrectomy time vs traditional 27G cutters

Professor Fanis Pavlidis, TDC cutter developer (DORC/Pavlidis)
Augencentrum Cologne, Germany


NO COMPROMISE PERFORMANCE IN 27G

Wide Grip Forceps
(ref. 1286.WRD04)
- Designed for one touch membrane peeling
- 260% improvement in gripping area vs previous 27G design
- 40% enhanced rigidity enabling membrane removal in the periphery

Ultra Peel Forceps
(ref. 2286.CD304)
- Ideal for removal of fibrotic, adherent membranes
- Over 90% equivalent grasping area vs 23G forceps
- Blunt, rounded tip design and optimal shaft stiffness provides precise control

Christopher L. Haupert, M.D. Iowa Retina Consultants, USA

“it has been designed to ensure a tangential contact with the membrane, easy to rip and gentle to peel.”

Developed in collaboration with Kazuhito Yoneda, MD, PhD, Japan
NO COMPROMISE ILLUMINATION IN 27G

“Disposable Eckardt TwinLight Chandelier 27G (Ref. 3269.MBD27) is a very good light fiber that doesn’t need specific trocars and can be inserted through the conjunctiva using a guidance needle.”

Umberto Lorenzi MD, Head of Medical and Surgical Retina, Hospital Center University Charles-Niccolès Rouen, France

NO COMPROMISE INSTRUMENTATION DESIGN IN 27G

New Backflush (ref. 2281.AD04, 2281.BTD04, 2281.STD04)

- Slimline design for easier movement and control
- Less force required to activate reservoir
- Larger reservoir

“Good feeling of the handpiece in the hand. Sufficient size of reservoir. The backflush does not come into conflict with the Viewing system.”

Ulrich Spandau, Associate Professor, Head of vitreoretinal surgery Department of Ophthalmology at University of Uppsala, Sweden

NO COMPROMISE ILLUMINATION IN 27G

Enhanced Illumination (ref. 3269.SBS04, 3269.D04, 3269.B04)

- Light output increased by 65% compared to current 27G fibers
- Trans-scleral illuminated depressor
- Shielded, focal and total view
- Improved control and visualisation
- Increased rigidity

65% increase in brightness
Disposable One step cannula system
(ref. 1272.ED204)

Revolutionary MVR blade - requires more than 50% less insertion pressure.

Unique translucent closure valve provides enhanced visibility when entering instruments.

“Requires low insertion force. There is no leakage. It is one of the best trocar systems at the moment.”

Dr Adriana Bratu, Vitreoretinal surgeon at “Santa Maria Delle Croci” Hospital, Ravenna, Italy

Endo-diathermy handle, straight pointed tip. (27 gauge / 0.4 mm - Box/1)

Eckardt Membrane Pic, angled at 120º. (27 gauge / 0.4 mm - Box/1)

Disposable VFI cannula, with 6mm thin wall polyimide tip. (27 gauge / 0.4 mm - Box/6)

Phaco-Vitrectomy system that maximizes surgeon control

- Revolutionary fluidics: Vacuum and Flow modes
- Two Dimensional Cutting (TDC) up to 16,000 cpm*
- Extensive range of 27 Gauge instruments with rigid shaft
- LED illumination with constant Lumen output

* The TDC cutter has a cut speed of up to 8000 cpm and is designed to facilitate cutting tissue on the return of each stroke of the vitrectome, effectively doubling the cut speed.

“Vacuum Mode can be useful during core vitrectomy for high speed vitreous removal, while Flow Mode provides greater safety when working close to a detached retina.”

Professor Peter Stalmans, UZ Leuven, Belgium

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