





Ocular Pediatric Vitrectomy Lens Set

|  | |  |  |  | <p>Reference: Ocular Surgery News Vol. 10, No. 6, p. 10 March 15, 1992</p> <p>CE</p> | |
|---|---|---|---|--|--|------------------|
| Product Code | OPV-S | OPV-B | OPV-F | OPV-P | OPV-R | OPV-FCP |
| Style | Set includes: OPV-B, OPV-F, OPV-P, OPV-R and OPV-FCP | Biconcave | Flat | 30° Prism | Lens Ring | Forceps |
| Image Mag | | 1.03x | 1.02x | 1.02x | | |
| Field of View | | 25° | 36° | 33° | | |
| Description | | 92D lens allows clear view of fundus in an air filled vitreous cavity in phakic eyes. | For visualizing the central posterior and central vitreous in a fluid filled eye. | Allows peripheral viewing beyond the equator with minimal distortion. | Stainless steel ring with two suture down struts. | Stainless steel. |

Lens Design

- § The Pediatric Vitrectomy Lens Set is a complete vitrectomy lens set for use during pediatric and premature infant vitrectomy surgery, especially Retinopathy of Prematurity (ROP) and congenital developmental anomalies such as Primary Persistent Hyperplastic Vitreous.
- § It allows the Vitreo-Retinal surgeon to have a clear view of the posterior and peripheral retina and optic nerve during surgery for removal of membranes, blood or hyaloid artery remnants.
- § Small eyes of ROP infants make posterior vitrectomy with adult corneal contact lenses difficult due to small palpebral apertures, a very small and steep cornea, low perfusion pressure, little scleral rigidity and a very anterior sclerotomy.
- § The small diameter of these lenses enables them to be used with premature infants and even allows small movement of the globe to afford better views of the peripheral retina.
- § The specific problems of doing surgery with adult size vitrectomy lenses are overcome with these small lenses.
- § The small diameter allows the lens to remain in place more readily with the use of gonioscopic solution or a visco-elastic material.
- § Since the ROP eye is easily deformed, a groove is located on the outside wall of the lens to allow it to be secured to the globe with 3.0 orthopedic suture wire, or the ring may be used.

Cleaning & Disinfection

See Cleaning Method 3



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