

F6H8[®] Vitreous Substitute

The rinsing tamponade
 in vitreoretinal surgery



Temporary endotamponade
 in cases of complicated, especially
 inferior retinal detachments

"Third hand" when relocating
 the macula

Retinal unfolding with
 low contact pressure

Rinses IOLs after
 silicone oil tamponades

Composition and properties

Density [g/cm³] at 25° C: 1.33

Viscosity [mPas] at 25° C: 3.44

Mix ratio F6H8 : Silicone oil:
 optimal 50:50 to 30:70

Packaging units



G-80606 Vitreous Substitute F6H8[®] Vial
 6 ml vial, 1pc. per box, sterile



G-80609 Vitreous Substitute F6H8[®] Vial
 9 ml vial, 1 pc. per box, sterile

References

100. Wong, D and N. Lois. 2000. "Perfluorocarbons and Semifluorinated Alkanes." Seminars in Ophthalmology Vol. 15, No. 1: 25-35. Taylor & Francis. 101. Meinert, H. and T. Roy. 2000. "Semifluorinated alkanes – A new class of compounds with outstanding properties for use in ophthalmology." European Journal of Ophthalmology 10(3): 189-197. 102. Schatz, B., Y. El-Shabrawi, A. Haas and G. Langmann. 2004. "Adverse side effects with Perfluorohexyloctane as a long-term tamponade agent in complicated vitreoretinal surgery." Retina 24(4): 567-573.

Fields of application

F6H8[®] serves as an endotamponade in complicated retinal detachments and as an intraoperative tool for retinal surgery. Due to its significantly lower density compared to conventional perfluorocarbon liquids, F6H8[®] offers enormous advantages particularly for retinal translocation. F6H8[®] is also an excellent biocompatible solvent for the removal of silicone oil residues from the vitreous chamber as well as being suitable for cleaning intraocular lenses after a silicone oil tamponade.

103. Langefeld, S., B. Kirchhof, H. Meinert, T. Roy, A. Aretz and N. F. Schrage. 1999. "A new way of removing silicone oil from the surface of silicone intraocular lenses." Graefes archive for clinical and experimental ophthalmology 237(3): 201-206. 104. Kobuch, K., D. H. Metz, H. Hoerauf, J. H. Dresch and V. P. Gabel. 2001. "New substances for intraocular tamponades: perfluorocarbon liquids, hydrofluorocarbon liquids and hydrofluorocarbon-oligomers in vitreoretinal surgery." Graefes archive for clinical and experimental ophthalmology 239(9): 635-642.