

Vitreous Substitutes



This book provides an update of the works of numerous investigators and clinicians in this still evolving field. Gathering together up-to-date information on silicone oil, gases, and PFCLs, including detailed descriptions of surgical techniques used with their applications, this book can also serve as a review for those interested in vitreoretinal surgery.

Retina Today - Vitreous Substitutes (October 2015) Vitreous Substitutes: From Tamponade Effect to Intraocular Inflammation 2014. Guest Editors: Mario R. Romano, Xun Xu, and Kenneth K. W. Li. Vitreous **Vitreous Substitutes - Dr Shylesh B Dabke - SlideShare** The search for an ideal vitreous substitute that is transparent, elastic and biocompatible like the vitreous itself is still on. Over a period of time, **Vitreous Substitutes. - NCBI** For many years ophthalmologists thought that the vitreous should not be disturbed The procedures consist in the injection of vitreous substitutes and the use of **A Novel Vitreous Substitute of Using a Foldable Capsular Vitreous** Commonly used vitreous substitutes (eg, expansile gases, PFCLs, and silicone oil) can be used only temporarily and they come with significant drawbacks. The ideal vitreous substitute will be capable of being left in the eye for a long time and will demonstrate biocompatibility. **Vitreous Substitutes: The Present and the Future** Surv Ophthalmol. 2011 Jul-Aug;56(4):300-23. doi: 10.1016/hthal.2010.09.001. Epub 2011 May 24. Vitreous substitutes: a comprehensive review. **Vitreous substitutes: challenges and directions. - NCBI** Official Full-Text Publication: Vitreous Substitutes: A Comprehensive Review on ResearchGate, the professional network for scientists. **Volume 6, Chapter 54. Vitreous Substitutes** Vitreous Substitutes - Dr Shylesh B Dabke. 1. Download and Watch in Slideshow mode Online viewing will be disgusting Download and **Fluid vitreous substitutes in vitreo retinal surgery Saxena S, Gopal L** To date, the development of vitreous substitutes has played a significant role in enabling the dramatic and progressive improvement in surgical outcome, but **Vitreous Substitutes: A Comprehensive Review (PDF Download** The removal of vitreous by surgical techniques was a great revolution in ophthalmic surgery. More recently, the development of vitreous substitutes has resulted. **Vitreous Substitutes - Medscape** loading. Dr. Ravi .B. Junior Resident,. Dr R P Centre ., AIIMS , New Delhi. VITREOUS SUBSTITUTES. OK. Yes. No. HISTORY. . Use of intraocular gas for RD **Recent Progress in Using Biomaterials as Vitreous Substitutes** To date, the development of vitreous substitutes has played a significant role in enabling the dramatic and progressive improvement in surgical outcome, but **Vitreous Substitutes JAMA Ophthalmology The JAMA Network** Hydrogels may be the ideal vitreous substitutes due to their wonderful physical features and biocompatibility. **Retina Today - Vitreous Substitutes (October 2015)** Vitreous substitutes, such as silicone oil or perfluorocarbon liquid, have been proposed to act as intraocular shields of radiation. In theory, the patient undergoes **Vitreous Substitutes - Delhi Journal of Ophthalmology** At a Glance. The vitreous humor cannot regenerate therefore, the cavity must be filled with a substitute material during and after vitrectomy. Commonly used vitreous substitutes (eg, expansile gases, PFCLs, and silicone oil) can be used only temporarily and

they come with significant drawbacks. **Vitreous substitutes: challenges and directions - NCBI - NIH** We here review the currently available vitreous substitutes, focusing on their molecular properties and functions, together with their adverse **Vitreous Substitutes: From Tamponade Effect to - Hindawi** **Vitreous substitutes - SlideShare** A classification of vitreous substitutes based on their physical mechanism divides them into aqueous miscible vitreous substitutes, (such as balanced salt **Vitreous substitutes: a comprehensive review. - NCBI** ABSTRACT: Vitreous substitutes are crucial adjuncts during vitreo-retinal surgery for retinal diseases such as complicated retinal detachment **Vitreous Substitutes: The Present and the Future - Hindawi** We here review the currently available vitreous substitutes, focusing on their molecular properties and functions, together with their adverse E-Mail : shoryaazad@. Major Review. Vitreous Substitutes. Abstract. Vitreous humour is a gelatinous structure that not only maintains the intra ocular **Recent Progress in Using Biomaterials as Vitreous Substitutes** Two kinds of fluorinated oils (a fluorosilicone oil and a perfluoroether [Freon E15]) that have a higher density than water were evaluated as long-term vitreous **Development of a Vitreous Substitute: Incorporating Charges and** Saxena S, Gopal L. Fluid vitreous substitutes in vitreo retinal surgery. Indian J Ophthalmol [serial online] 1996 [cited 2017 May 3]44:191-206. Available from: **Vitreous Substitutes: A Comprehensive Review - Science Direct** Synthetic hydrogel systems are promising long-term candidates for therapeutic use as vitreous substitutes. To improve the swelling and **Vitreous Substitutes and Vitreous Surgery - Springer** **Vitreous Substitutes for Posterior-segment Surgery - Retinal** Int J Ophthalmol. 2015 Jun 188(3):437-40. doi: 10.3980/2222-3959.2015.03.01. eCollection 2015. Vitreous substitutes: challenges and directions. **Vitreous Substitutes - NCBI - NIH** In order to understand vitreous substitutes, it is helpful to understand a few terms from the physical sciences. Viscosity (technically dynamic **Fluorinated Oils as Experimental Vitreous Substitutes JAMA** Vitreous substitutes vary widely in their properties, serve different clinical functions, and present different shortcomings. Permanent vitreous