



Sutureless strabismus surgery: Experimental and human studies

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The use of tissue adhesives in strabismus surgery is known for more than 40 years. However, few reports have been published and most of them were experimental. All techniques described the use of tissue adhesives to weaken an extra ocular muscle either by recessing it or to apply a suture less faden operation. To our best knowledge, no study applied tissue adhesives to strengthen an extra ocular muscle. Our presentation will show that the use of iso-amyl-2-cyanoacrylate is considered as one of the least harmful and effective tissue adhesive in strabismus surgery. A comparative histologic studies of strabismus surgery with and without sutures using the ordinary and electron microscopes were carried. Our surgical techniques to weaken or strengthen an extra ocular muscle will be presented at the conference.

Biography: Mahmoud Aly Rageh has completed his MSc in Ophthalmology from Cairo University in 1983. He was a Fellow at Huggonier Center-Lyon University, France in 1984. He has completed his MD in Ophthalmology from Cairo University in 1992. He has published more than 20 articles in different scientific journals. He is the former Head of Pediatric Ophthalmology Unit at Research Institute of Ophthalmology, Cairo, Egypt. He has been an Editorial Board Member at EC Ophthalmology Journal. He is the Chairman of the Board and the Head of Pediatric Ophthalmology Department at Al Ain Eye Center, Cairo, Egypt (Private Sector). He is also a Visiting Consultant at Dar Al Shifa Hospital, Kuwait city since 15 years.

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