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Management of cataract surgery in pseudo-exfoliation syndrome

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Pseudo Exfoliation (PEX) Syndrome, common age-related systemic disorder characterized by an abnormal production and deposition of fibrillogranular amyloid-like extracellular material, along with a wide distribution throughout the body, including eye. PEX is a strong risk factor for glaucoma and leading to a higher cataract surgery complications rate. Our recent study has shown the prevalence of PEX in Morocco is 7.5% and accountable for 32% of glaucoma's cases. In this study, we have found that the management of surgery cataract complications among patients with PEX permits better results. The zonulopathy causes zonular dialysis, iridophacodonesis, lens sub-luxation, poor papillary dilatation and shallow anterior chamber. The trabeculopathy and its association with ocular high intra-ocular pressure or glaucoma, represents 32% in our study. Avoiding or minimizing cataract surgical complications, surgeons must be aware of numerous intraoperative and postoperative problems, therefore this surgery requires 1) Appropriate preoperative examination to detect PEX even discreet and to assess the subtle disorders. 2) Intra-operatively, be careful in care to ensure safe surgery. 3) Post-operatively, frequent and detailed follow-up to monitor complications. Overall, this surgery requires some experience. In cases of cataract surgery with PEX glaucoma, many factors must be taken into consideration to determine the appropriate surgical procedure. The preferred procedure of cataract extraction with PEX is phaco-emulsification. We illustrate by many images and short videos, the use of phacoemulsification technics and specialized alternative or adjunctive devices, which allow surgeons to achieve similar results than cataract surgery without PEX.

Biography

Sidi Mohammed Ezzouhairi has received internship at Ophthalmology South West Hospitals, France Founding Member and President of the MAG (Moroccan Association against Glaucoma) from 2006 to 2013. He is the Member of the National Ophthalmological Technical Committee. In May 2013, he became the Member of the jury for the Best Scientific Work awards in the field of Glaucoma organized by French Glaucoma Society (SFG). He is the Founder and General Secretary of the Moroccan Society of Glaucoma (SMG). He is the author of several scientific publications in national and international journals and is a speaker or moderator of scientific presentations. He is the Head of the Glaucoma Center in Morocco.

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