

by the IOL in front of the crystalline lens, measures such as paracentesis could be potentially dangerous.

Eyes with Scleral fixated IOLs- During fluid air exchange, the air collects freely in front of the IOL and this can interfere with visualization.

Eyes that have two IOLs in the eye- Some aggressive surgeons implant one IOL in the anterior chamber even if one IOL has dislocated into the vitreous cavity. Considering the problems that these eyes would have suffered, retinal detachment is not uncommonly associated with this situation. Managing these eyes may involve removal of both the IOLs as the first step.

Eyes with epiretinal prosthesis- Eyes undergoing retinal prosthesis as treatment for retinitis pigmentosa can also develop retinal detachments, considering that the prosthesis is fixed to retina using retinal tacks etc.

Eyes with retinal inserts- The management of retinal detachments in these eyes is no different from routine cases except that the retisert may need to be removed at the same time.

Eyes that underwent permanent keratoprosthesis- the risk of retinal detachment is very high in eyes that undergo permanent keratoprosthesis³⁸. The situation is complicated by small aperture of the optical cylinder (usually 3 mm), presence of retrocylinder membranes and altered anatomy of the limbus. Very often the keratoprosthesis lamina may have to be temporarily removed to facilitate the retinal reattachment surgery following which it is replaced.

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NOBEL PRIZE IN MEDICINE

Dr. Robert Edwards, 85 year old Professor Emeritus at the University of Cambridge has been awarded the Nobel Prize in Medicine for the year 2010, for his work on *In vitro* Fertilisation (IVF), which led to the birth of the world's first test tube baby. His work has made fundamental contributions like how human egg mature?, how different hormones regulate their maturation? and at which point of time the eggs are susceptible to the fertilising sperm? Dr. Edwards research has so far led to the birth of around 4 million people.

Nobel Prize in Chemistry 2010: Richard Heck of US and Ei-Ichi Megishi and Akira Suzuki of Japan shared the Nobel Prize in Chemistry for developing a process called palladium – catalysed cross coupling – a means of knitting carbon atoms together paving the way for new drugs to fight cancer, HIV, herpes virus infections, as well as developing revolutionary plastics for consumer application such as ultra thin computer monitors.

Nobel Prize in Physics 2010: Two Russians Scientists Dr. Andre Geim and Dr. Constantan Novoselov were awarded in Nobel Prize in physics 2010 for their ground-breaking work on graphene- a form of carbon touted as the wonder material of the 21st century.