

Past and Present Scenario and History of Cataract Surgery

Gowhar Ahmad*

Professor, Department of Ophthalmology, Florence Hospital Multispeciality Center, Chanapora, India

*Corresponding Author: Gowhar Ahmad, Professor, Department of Ophthalmology, Florence Hospital, Multispeciality Center, Chanapora, India.

Received: June 07, 2023

Published: July 01, 2023

© All rights are reserved by **Gowhar Ahmad.**

Cataract in Greek terminology known as water fall is one of the most commonest global surgery done by almost all ophthalmologists and is perhaps the only surgical modality which ensures vision to a patient. Who can't see however to ensure success one has to take all the necessary precautions to ensure vision for this local focal and general causes have to be assessed and if present have to be taken care like if a patient of cataract has diabetes hypertension asthma and other medical issues stages have to be treated before surgery local causes in eye like any kind of conjunctivitis and chronic dacryocystitis has to be taken care of. WURH recent advances in ophthalmology cataract surgery has undergone drastic changes we have now ophthalmic subspecialties like Laser phaco laser glaucoma surgeon anterior and posterior segment surgery retinal paediatric ophthalmologist and Neuro-ophthalmologist and oculoplastic surgeon. Ancient and traditional surgery of cataract is fascinating and in present scenario will appear very crude long back TGE medicine and surgery was very primitive no surgeons no anesthesia we had phaco or pseudo eye surgeons. Who were known as couches they use to put a needle at the limbus of a patient to dislocate TGE lens in posterior chamber in order to make pupillary area clear and this process was called couching for some time patient would see and was happy before complications would set in cataract was also removed by some instruments like Vectus cryosphere.

Tumbling of lens also known as Smith Indian method cryoextraction of lens.

Aspiration of lens by needle then came TGE era of lens extraction by Argue forceps with von Graefe cataract knife 180

degrees corneal section was made and intra or extracapsular lens extraction was done in young patients due to strong zonules of lens alpha chymotrypsin was put in a case to dissolve zonules and then lens was removed.

Then came TGE era of IOL implantation

- Ridley biconvex IOL
- SICS WITH A C IOL
- SICS with PC IOL
- Then came PHACO
- PHACI with PC IOL
- Phaco with foldable PC IOL
- Phaco with bifocal and trifocal foldable IOL
- Most recent
- LENSAR
- Laser assisted surgery
- Robotic