

Brief History of Cataract Surgery

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History of cataract surgery is very fascinating and our present generation of young ophthalmologists who are and have seen various subspecialities and recent advances in every branch of medicine might be surprised as what was done long back in the era when we had no anaesthesia no surgeons no medical care so what was done let me answer from ophthalmic point we had one can call them psuedosurgeons or quakes they would operate cataract by a modality called couching and they were called couchers.

Patient of cataract without any anaesthesia a sharpe needle was introduced at limbus the needle after entering in to a c would dislocate cataractous lens so pupillary area would become clear and for some time patient was happy to see before complications would set in from 60s to late 70s we were in the era of cataract extraction by the combined efforts of von griefts cataract knife and argues forceps under l a facial akinesia.

180 corneoscleral section was made by v g cataract knife and removal of lens was done by arugas forceps

- Intracapsular
- Extracapsular
- Planned extracapsular
- Accidental extracapsular

In young patients since zonules are strong to ensure lens extraction use of alpha chymotrypsin used to ensure easy lens extraction lens extraction was also done by various instruments:

- Vectus
- Ersophake.

Extraction of lens by tumbling also called as smith Indian technique.

Extraction NOF lens by cryo.

Then came the era OD IOLS

- SICS with ACIOL
- SICS with PCIOL.

Then

- PHACO with PCIOL
- PHACO with foldable PCIOL
- PHACO with foldable bifocal or trifocal PCIOL
- LENSAR
- Laser assisted cataract surgery
- Robotic cataract surgery.

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