



Cataract Surgery Timeline

600 BCE Sushruta wrote the first text on surgery. The Sanskrit manuscript describes couching of cataract

30 CE Aulus Cornelius Celsus (25 BCE- 50 CE) wrote about couching or reclination of the lens



1705



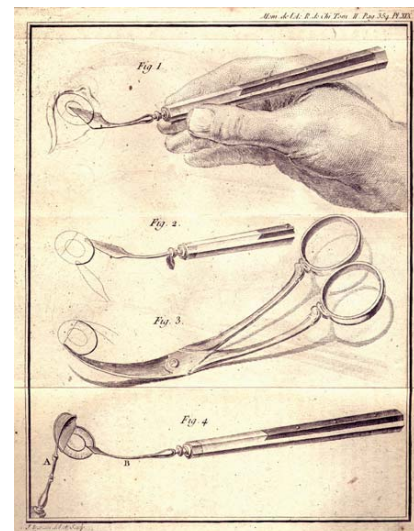
Pierre Brisseau (1631-1717) reported that cataract occurs definitively in the lens- something that had been heretofore in dispute

Illustration from:
"Traite de la Cataracte et du Glaucoma"

1707 Antoine Maitre-Jean (1650-1725) reported that it was possible for an animal to see without its lens - hence popularizing the notion of removal of cataracts

1750 **Jacques Daviel (1696-1762)** was the first to perform extracapsular extraction

Illustration from:
"Sur en nouvelle methode de guerir la
cataract par l'extraction du cristalin"



1799 **George Joseph Beer (1763-1821)** introduced intracapsular extraction

1864

Albrecht von Graefe (1828-1870) introduced the small incision surgery



1983 commemorative medal by Wolfgang Gunzel

1865

Henry Willard Williams (1831-1895) introduced sutures to cataract surgery, also first to use ether anesthesia

1917

Ignacio Barraquer introduced the erisophake, an instrument that would suction out cataracts

Erisophake



1950

Sir Nicholas Harold Lloyd Ridley (1906-2001) performed the first intraocular lens implant (IOL)



Ridley intraocular lens, c1950

1958

Joaquin Barraquer introduced enzymatic zonulolysis

Drs. Jaquin Barraquer, Bradley Straatsma and A.E. Maumenee, 1977



1961

Tadeusz Krwawicz (1910-1990) introduced cryoextraction



Krwawicz cryo-extractor, c1961

1967

Charles Kelman, MD (1930-2004) introduced ultrasound or phakoemulsification



Dr. Charles Kelman
