SECTION II.5.9.B

Intraocular Lens Implants: A Scientific Perspective

QUESTIONS

1. What are the advantages of IOL implantation over spectacles for correction of vision after removal of cataract? What other improvements have been achieved in cataract surgery over the past 35 years?

2. Which was the first biomaterial selected for IOL implant? What was the basis for this selection?

3. What is the rationale for foldable IOLs? Which foldable soft hydrophobic materials are preferred over soft hydrophilic materials and why?