

## **DEPARTMENT OF OPHTHALMOLOGY**

### **MANPOWER RESOURCES**

- **IRMS ophthalmologists:**

*Dr Sushama Rahate, ACHD*

*Dr Indu Pandey, Sr. DMO*

*Dr Anukool Deshpande ADMO*

- **Visiting consultants** on a case-to-case basis of different subspecialties as oculo-plasty, cornea ,retina, Pediatric ophthalmologist.
- **DNB trainees:** Department is recognized for DNB Degree and Diploma

**Special Clinical Work:** Retina Clinic, Cornea clinic, Oculo-plasty clinic ,Pediatric ophthalmology.

**Surgeries:** All types of anterior segment surgeries:

- Cataract surgery by Phacoemulsification under Topical Anesthesia. Toric and multifocal, premium IOL implant.
- Glaucoma Surgeries, glaucoma Shunt surgeries,minimally invasive glaucoma surgeries like goniotomy.
- Squint and various lid and conjunctival surgeries like pterygium surgery with autologous conjunctival autograft , fibrin glue
- Amniotic membrane graft, scleral graft etc, cornea surgeries,
- Corneal transplant -Lamellar keratoplasty , Penetrating Keratoplasty
- Intravitreal Injections

### **EQUIPMENTS**

- Slit lamp: Haag-Streit high-end model

- Slit lamp-Ziess with attached Applanation Tonometer
- Auto Kerato Refractometer.
- Wireless indirect ophthalmoscopes.
- Fundus camera
- Non contact tonometer
- Refraction unit
- Direct ophthalmoscopes.
- Ascan Biometer
- Synoptophore.
- Gonio Lenses
- Autoclave
- gonioprism
- Automated Perimeter
- Operating microscope: 1.Carl Ziess economy model 2. High end model lumera i.
- Phacoemulsification machine: 1,AMO compact 2. Signature Pro
- Cryotherapy Machine

#### Work load of last 5 years

	2018	2019	2020 (COVID)	2021	2022 (31/10/22)
<b>No. of OPD Patients</b>	19200	24190	6497	28,795	13456
<b>Surgeries</b>	729	679	252	365	741
<b>No. of Speciality Clinics</b>	2	2	2	4	4
<b>No. of Patients in Speciality Clinics</b>	450	1151	374	284	431



**Fundus camera**



**Slit lamp -Zeiss with attached Applanation Tonometer**



### **Non contact tonometer**

### **RECENT ACHIEVEMENTS**

- Doing extra skill demanding surgeries like toric IOLs, iris claw IOL, small pupil phacoemulsification using iris retractors, Malyugin ring/capsular tension ring implant in subluxated cataracts.
- IOL exchange surgery
- Iridodialysis repair
- Pupiloplasty
- Intravitreal injections
- Glaucoma shunt surgery for neovascular glaucoma,
- Minimally invasive glaucoma surgery by bent needle goniotomy using Gonioprism
- Our Department is registered under the Human Organ Transplant Act, for corneal transplant.
- Lamellar (minimally invasive) keratoplasty, Penetrating keratoplasty along with cataract surgery and IOL implantation(Triple Procedure)

#### **Assistance required -**

- One dresser
- Dedicated OT with dedicated staff

## **FUTURE VISION**

- In-house vitreo retina surgical treatment and laser unit . Procurement of required equipments are under process.
- Procurement of Optical Biometer (IOL Master), which is an advanced machine for most accurate measurement of IOL power, specially useful for TORIC and Multifocal IOL.
- Procurement of OCT Macula