Methodology

- **Study design**: Single centred, Cross-sectional
- **Place of study**: Dr D Y Patil Medical college & Research centre Eye OPD, NARI AIDS Centre, Pune
- **Duration**: 12 months
- **Sample size**: to be decided after doing pilot study
- **Inclusion criteria**: age group 35-45 yrs, HIV+ patient on ART and without ART
- **Exclusion criteria**: Patients with other ocular and systemic diseases like Glaucoma, Uveitis, Congenital cataract, Diabetes Mellitus, and Hypertension

**Procedure**:

1. Step 1. consent form according to schedule Y to be signed by the prospective samples
2. Step 2. Data base from NARI, to be collected to avoid undue discomfort
3. Step 3. Refraction
4. Step 4. Orthoptic evaluation, Extra ocular muscle examination by broad H test, Amplitude to accommodation by RAF ruler, 3 readings, average of readings to be taken
5. Step 5. Slit Lamp Examination of eyelids, conjunctiva, cornea, AC depth and lens [grading according to LOCS 3 scale]
6. Step 6. referal to Dr D Y Patil Hospital and Research Centre