Cataract is the main problem of old age and surgical intervention is the only remedy of cataract. The quality of vision is more or less resemble with that of phakic eye after the cataract extraction with IOL implantation.

The number of complication is much higher in IOL implantation in comparison to simple cataract extraction.

The present study has been carried out 'A CLINICAL STUDY OF ANTERIOR CHAMBER IOL IMPLANTATION' in 26 eyes of 25 patients.

These patients were admitted in the O.P.D. of eye department of P.M.S. Medical College, Jhansi, with their consent for anterior chamber IOL implantation after ICCC. The total follow up period was 8-10 months after discharge from the hospital.

The following complications were seen in this present study.
Hyphaema in 7.7% cases.

In encircation of heptic into the wound and spilliting of Descemet's membrane was not found.

**EARLY POST OPERATIVE COMPLICATION**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i)</td>
<td>Striate Keratitis</td>
<td>19.23%</td>
</tr>
<tr>
<td>(ii)</td>
<td>Hyphaema</td>
<td>11.53%</td>
</tr>
<tr>
<td>(iii)</td>
<td>Iridocyclitis</td>
<td>15.33%</td>
</tr>
<tr>
<td>(iv)</td>
<td>Ducking of iris</td>
<td>5.84%</td>
</tr>
<tr>
<td>(v)</td>
<td>Distortion of pupil</td>
<td>7.69%</td>
</tr>
<tr>
<td>(vi)</td>
<td>Deposition of precipitates over 10%</td>
<td>3.84%</td>
</tr>
</tbody>
</table>

**LATE POST OPERATIVE COMPLICATION**

Flashling of light 7.69%

The total numbers of complications were 18 and the total number of eyes having complications were nine only. Eyes with more than one complication were five and eye without complication were 17.
VISUAL ACUITY

Visual acuity after spectacle correction in anterior chamber IOL implantation 77% cases achieved 6/12 or better vision. Rest of the cases achieved 6/24 or better vision.
CONCLUSION

The present study has been carried the complications in IOL implants in anterior chamber and to evaluate the use of anterior chamber intracocular lens implant.

The following conclusions are as follows:

1. The incidence of complications like hyphaema, iridocyclitis, striae keratitis are higher in IOL implant but can be treated with medical treatment and leaving no adverse effect.

2. Complication like iris tuck overriding of pupillary margin over IOL, distortion of pupil are some problems faced in intra ocular lens implant in anterior chamber. These problems do not create any adverse effect on the prognosis.

3. Flashing or glaring of light are more commonly seen in the anterior chamber IOL implant cases. But patient easily adopts to it with in two months.

4. Corneal complications such as endothelial corneal dystrophy, uveitis, glaucoma, hyphaema (UGH) syndrome, persistent iritis, was atrophy,
adhesion between was and ICL are commonly reported complications in anterior chamber ICL implant cases but such complication do not come across in our present series of cases with the follow up period of 6-8 months.

5. Binocular vision, Visual acuity and no enlargement of image with better field of vision are greater advantages of anterior chamber ICL implant.

6. Comparatively anterior chamber ICL implant have better advantages and no much risk involved.