To evaluate a Minckler 6M 3W 1D 3W 9M Trabeculectomy were performed in 10 cases.

3M 3D Minckler 4M 1D

3. Schlemm’s canal

The Trabectome has been presented at WGC 2011 in Paris.

The Trabectome was first utilized and reported as a case series by Minckler et al in 2005.1

Schlemm’s canal

The Trabectome allows it to easily penetrate the inner wall of Schlemm’s canal via Schlemm’s canal anterior to the scleral spur in either a clockwise or counterclockwise direction.

The Trabectome+PEA+IOL

The Trabectome+PEA+IOL is a one-step surgery in Kitasato University Hospital was presented at WGC 2011 in Paris.

Patient selection

Patients who could not be achieved a target pressure with full dose tolerable medications, of which the intraocular part of the meshwork and unroofing of Schlemm’s canal

Tip Design2

The Trabectome tip is bent 90° to create the triangular protective footplate and the smooth insulating coating allows it to easily penetrate the trabecular meshwork and acts as a guide and glides inside Schlemm’s canal.

Table: Results of IOP (all cases)

<table>
<thead>
<tr>
<th>Time of operation (IOp)</th>
<th>Mean±SD (mmHg)</th>
<th>SD</th>
<th>Number of eyes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre</td>
<td>20.3±1.6</td>
<td>3.8</td>
<td>22</td>
</tr>
<tr>
<td>Post pre trabeculectomy</td>
<td>16.7±1.9</td>
<td>2.9</td>
<td>22</td>
</tr>
<tr>
<td>Post trabeculectomy</td>
<td>16.1±1.6</td>
<td>2.6</td>
<td>22</td>
</tr>
</tbody>
</table>

No. of medications

Scores 5.3±2.0

Pre trabeculectomy

Post trabeculectomy

Trabectome only

Trabectome+PEA+IOL

Trabectome+PEA+IOL

Pre trabeculectomy

Post trabeculectomy

Pre trabeculectomy

Post trabeculectomy

Pre trabeculectomy

Ophthalmology, Kitasato University Hospital

Conclusion

In this short-term evaluation in Japanese patients, Trabectome seems to be a safe and effective method of lowering IOP (at approximately 16mmHg) in OAG.