Capsular peeling for IOL exchange

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Financial disclosure: the bag-in-the-lens (P) and caliper ring (P) licensed to Morcher

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Indications for IOL exchange

Number of patients

- IOL opacification: 40
- IOL decentration: 24
- IOL dislocation: 23
- Capsular contraction: 18
- Corneal decompensation: 10
- Incorrect IOL power: 8
- Damaged IOL: 3
- IOL-related uveitis: 2

N = 128 eyes
A. IOL opacification / B. Capsular contraction
C. IOL dislocation / D. IOL decentration

IOL exchange after Multifocal IOLs
Exchange after Restor Multifocal IOL

IOL exchange of Multifocal AcryTwin
Nd:YAG laser capsulotomy and anterior vitrectomy

\[ \chi^2(1)= 23.74, P<.001 \]

<table>
<thead>
<tr>
<th>Nd:YAG capsulotomy</th>
<th>Yes</th>
<th>No</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vitrectomy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>18</td>
<td>9</td>
<td>27</td>
</tr>
<tr>
<td>No</td>
<td>19</td>
<td>82</td>
<td>101</td>
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<tr>
<td>Total</td>
<td>37</td>
<td>91</td>
<td>128</td>
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</tbody>
</table>

Conclusion:
1. Not all eyes with preoperative YAG laser capsulotomy needed vitrectomy
2. IOL exchange increases the risk for vitrectomy of 10%
**IOL position before and after IOL exchange**

Conclusion: In 40% of the cases the IOL could not benefit of a capsular support.

**Pre- and postoperative visual acuity in 72 eyes without ocular comorbidity**
**Conclusion**

Introduction of IOL exchange…
… standard for the future?

Thank you for your attention…

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