HydroCone soft-keratoconus

The alternative fitting opportunity

- Alternative to RGP - Reducing non-tolerance
- For all stages of Keratoconus
- Increased visual acuity
- Better comfort
- For occasional or all day use
- In Silicone Hydrogel Definitive and Igel 77%
HydroCone Fitting Guide

**Diameter and base curve**

We recommend working with trial lenses.

1. Categorisation of Keratoconus (Topography):
   - Stage 1-2 (VA > 60%) oder stage 3-4 (VA < 60%)
2. Base curve and diameter of first trial lens:
   - Stage 1-2: BC = 8.00 / Ø = 14.00 mm
   - Stage 3-4: BC = 7.80 / Ø = 13.70 mm

**Application flow**

- Use one of the fitting lenses for 30 min.
- Make first observations of stabilisation and movement
- Over refraction (use details of autorefractometer).
- If the over refraction visual acuity (VA) is not satisfactory try using a flatter or steeper base curve, or using an increased centre thickness.
- Order the final lens with the serial number of the trial lens and over refraction.
  - Caution: note serial number from the trial lens for the next order.

**Advice**

- For reorder with new over refraction, use always the old trial lens.
- To remove the lens, push the upper - and under lid together.
- In case of halos - enlarge the optical zone diameter.

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**Technical data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>min</th>
<th>max</th>
<th>Fitting set</th>
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</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>12.00</td>
<td>17.00</td>
<td>HydroCone 12 (14.00 mm)</td>
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<tr>
<td>Base curve</td>
<td>7.20</td>
<td>10.80</td>
<td>7.80 / 8.00 / 8.20</td>
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<tr>
<td>Sphere</td>
<td>-40.00</td>
<td>40.00 dpt</td>
<td>Plan</td>
</tr>
<tr>
<td>Cylinder</td>
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<td>-8.00 dpt</td>
<td>-0.01 dpt</td>
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<td>Axis</td>
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<td>0°</td>
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<tr>
<td>Addition</td>
<td>+0.50</td>
<td>+4.00 dpt</td>
<td>strong (+)</td>
</tr>
<tr>
<td>Blend</td>
<td>strong (+) / very strong (++)</td>
<td>very strong (++)</td>
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<tr>
<td>Center thickness</td>
<td>0.35</td>
<td>0.59 mm</td>
<td>0.42 mm</td>
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<tr>
<td>Optical zone diameter</td>
<td>5.00</td>
<td>7.00 mm</td>
<td>6.00 mm</td>
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<tr>
<td>Materials</td>
<td>Definitive 74, Igel 77</td>
<td>Definitive 74, Igel 77</td>
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