Clinically proven more effective than pure silicone gel for reduction of scar, itch and pain
How does Dermacyn® ScarLess™ Hydrogel work

Dermacyn® ScarLess™ Hydrogel is developed based on patented Microcyn® Technology, which has:

1. Anti-microbial action that is important as wound with infection can increase risk of abnormal scar formation
2. Anti-inflammatory action that can decrease risk of scar formation, but also can relieve scarring symptoms, such as pain or itchiness
3. Silicone-based hydrogel, which helps to:
   - Retain moisture of scar tissue that can prevent formation of abnormal scar formation as a result of uncontrolled collagen formation.

Indication

Dermacyn® ScarLess™ Hydrogel is effective and well tolerated in the management of hypertrophic or keloid scars:

Using Dermacyn® ScarLess™ Hydrogel

Dermacyn® ScarLess™ Hydrogel is clinically proven to be effective for reducing old and new scars:

For new scars:
Used as soon as the wound is healed or stitches have been removed, apply thin layer of Dermacyn® ScarLess™ Hydrogel to allow a protective barrier against bacterial growth

For older scars:
Dermacyn® ScarLess™ Hydrogel can be used immediately. It is important to be consistent in the application for optimum result.
A Double-blind, Randomized Study of a Microcyn® Technology Scar Gel (Scarless™) In Comparison with 100% Silicone Gel for Hypertrophic or Keloid Scars

(Alicia D. et al., 2015)

This randomised, double-blind study compared the efficacy, safety and tolerability of Dermacyn® ScarLess™ Hydrogel with that of a comparator, 100% silicone gel, for the management of hypertrophic or keloid scars.

**Improvement in Appearance and Symptoms**

<table>
<thead>
<tr>
<th>Checking</th>
<th>Microcyn®</th>
<th>Competitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vascularity</td>
<td>42 %</td>
<td>28 %</td>
</tr>
<tr>
<td>Pliability</td>
<td>47 %</td>
<td>34 %</td>
</tr>
<tr>
<td>Height</td>
<td>30 %</td>
<td>11 %</td>
</tr>
<tr>
<td>Vancouver</td>
<td>40 %</td>
<td>26 %</td>
</tr>
<tr>
<td>Pain</td>
<td>100 %</td>
<td>72 %</td>
</tr>
<tr>
<td>Itch</td>
<td>78 %</td>
<td>70 %</td>
</tr>
</tbody>
</table>

Overall, Dermacyn® ScarLess™ Hydrogel performed better than the comparator gel for the management of hypertrophic or keloid scars. Both treatments were well tolerated.

The trial’s primary endpoint was to compare Microcyn®-based hydrogel versus competitor using the Vancouver Scar Scale measuring:

**How to use Dermacyn® ScarLess™ Hydrogel**

**Step 1**
Wash the affected area with clean water with or without soap, then tap the area dry.

**Step 2**
Apply a thin layer of Scarless hydrogel.

**Step 3**
Gently rub until it is evenly distributed.

**Step 4**
Repeat the application for three times daily.

Dermacyn® ScarLess™ Hydrogel is recommended for continuous application over a minimum period of 4 months. Larger scars may take longer to heal.
The study shows that usage of Dermacyn® ScarLess™ Hydrogel during early post-operative period among patients following gynaecological surgery helps to significantly reduce and prevent scar formation without increasing pain and itchiness scores. Improvements were evidence in scar vascularity (p=0.025), pliability (p=0.022), height (p=0.001) and pigmentation (p=0.000).

Vascularity (p=0.025)  Pliability (p= 0.022)  Height (p= 0.001)  Pigmentation (p= 0.000)

The study shows that usage of Dermacyn® ScarLess™ Hydrogel during early post-operative period among patients following gynaecological surgery helps to significantly reduce and prevent scar formation without increasing pain and itchiness scores.

References
2. Alicia D. et al., AA double-blind, randomized study of a Microcyn technology scar gel in comparison with 100% silicone gel for hypertrophic or keloid scars. JD academic dermatology associates, Albuquerque.
3. Fathi Ramly et al., Evaluation of “Scarless®” in reducing scar formation post laparotomy gynaecology surgery