SCP-II®: Salmon Collagen Proteoglycan Complex

The New Generation of Joint and Skin Health Supplementation

**Benefits**
- Produced from salmon nasal cartilage in Hokkaido, Japan.
- No heavy metals
- SCP-II® offers benefits for joint and skin health.
- SCP-II® contains perfectly balanced Undenatured Proteoglycan (>40%) and Undenatured Type II Collagen (>40%).
- SCP-II® is produced with a patented extraction method using acetic acid that produces highly purified product at a low cost.

**Research**
Human studies suggest that Undenatured Type II Collagen and Proteoglycan may:

- Relieve knee pain more significantly than glucosamine, and at a much smaller dose.
- Improve knee pain and discomfort.
- Improve joint flexibility and mobility.
- Improve and prevent inflammation in the knee.
- Have a protective effect on cartilage metabolism in individuals with severe or constant knee pain.
- Improve human skin condition, including skin elasticity, wrinkles, facial pores, blotches, moisture and smoothness.

**Safety**
Oral 28-day repeated dose toxicity study in rats.
Clinical Studies on Undenatured Type II Collagen and Proteoglycan

SCP-II® Complex (2021) Specifications:

>40% Natural Undenatured Salmon Type II Collagen
>40% Natural Undenatured Salmon Proteoglycan

<table>
<thead>
<tr>
<th>Efficacy Study Results</th>
<th>Test Item</th>
<th>Dose in Study</th>
<th>Equivalent SCP-II (2021) Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP-II effectively decreased knee pain in healthy individuals, and more significantly than glucosamine. (Kuriyama et al. 2016)</td>
<td>SCP-II (2016): 40% type II collagen + 30% proteoglycan</td>
<td>50mg SCP-II (2016) = 20mg Type II Collagen + 15mg Proteoglycan</td>
<td>50mg SCP-II (2021) = 20mg Type II Collagen + 20mg Proteoglycan</td>
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<tr>
<td>Salmon Proteoglycan effectively improved knee discomfort in healthy individuals. (Najima et al. 2016)</td>
<td>Proteoglycan</td>
<td>10mg Proteoglycan</td>
<td>25mg SCP-II = 10mg Proteoglycan + 10mg Type II Collagen</td>
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<td>Salmon Proteoglycan effectively improved knee discomfort in healthy individuals and decreased CRP levels. (Kuriyama et al. 2017)</td>
<td>Proteoglycan</td>
<td>5mg Proteoglycan</td>
<td>13mg SCP-II = 5.2mg Proteoglycan + 5.2mg Type II Collagen</td>
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<tr>
<td>Salmon Proteoglycan may have a protective effect on cartilage metabolism in subjects with severe and constant knee pain. (Tomonaga et al. 2017)</td>
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<tr>
<td>Salmon Proteoglycan improved skin condition in a randomized, double-blind, controlled Study. (Takahashi et al. 2015)</td>
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<td>5mg Proteoglycan</td>
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<td>Efficacy and tolerability of Undenatured Type II Collagen from chicken cartilage in modulating knee osteoarthritis symptoms. (Lugo et al. 2016)</td>
<td>Type II Collagen</td>
<td>40mg UC-II = 10mg Type II Collagen</td>
<td>25mg SCP-II = 10mg Type II Collagen + 10mg Proteoglycan</td>
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<td>Undenatured Type II Collagen improves range of bend and stretch of joints in healthy volunteers. (Lugo et al. 2013)</td>
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An effective dose of SCP-II® can range as little as 13mg to 50mg per day.