

PracaSil-Plus combines science and nature to help heal skin.

PCCA PracaSil-Plus is a unique topical anhydrous silicone base that can be used alone or with various actives for potential use in formulations. The only compounding base designed for scars and other skin conditions, PracaSil-Plus is an ideal choice for new scars, old scars, surgical scars, keloids, stretch marks (from pregnancy or growth), acne scars and any skin conditions that would benefit from barrier protection.



PracaSil-Plus contains Pracaxi oil derived from the seed of the Pracaxi tree found in the Amazon rainforest. A unique ingredient with anti-inflammatory, antioxidant, antibacterial and antifungal properties, Pracaxi oil is used for a variety of dermatological conditions, including skin spots, severe acne (and scars), psoriasis and rosacea.

Anecdotally, the directions for use are typically: Apply twice daily (estimate of 2-6 grams) for 10-14 weeks.

IDEAL FOR:

- Surgery centers
- Orthopedics
- Bariatric surgery centers
- Weight loss clinics
- OB/GYN

RESEARCH STUDIES

An 8-week randomized, controlled pilot trial has evaluated the efficacy of PracaSil-Plus as a scar therapy. The study utilized visual and instrumental evaluations.

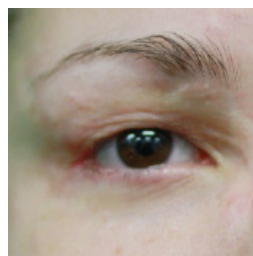
Highlights of the study show:

- 20% of the subjects had a reduction in scar length
 - Scar length was reduced 2.5%
- 40% of the subjects had a reduction in color intensity
 - Scar color intensity was reduced 20%

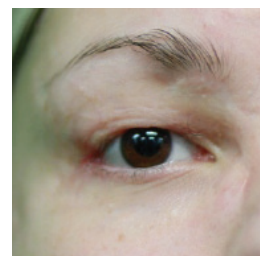
Utilizing Clarity™ Lite imaging and Replicas/Image Analysis, instrumental evaluations revealed:

- 100% of the subjects showed improvement in scar texture/smoothness
 - Scar texture/smoothness was reduced 22.32%
- 74.3% of the subjects showed improvement of scar pigment intensity
 - Scar pigment intensity was reduced 17.56%

Facial Scarring



Day 1

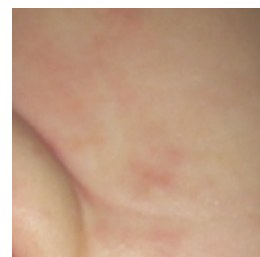


Day 22

Diaper Rash

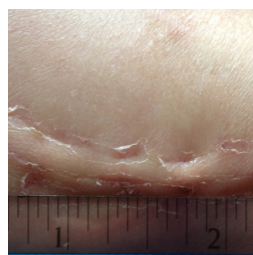


Day 1



Day 3

Ankle Scar



Day 1



Day 14



FORMULATION EXAMPLES

- Collagenase 350 U/Gm/Hyaluronidase 250 U/Gm Compound Topical Gel (PracaSil™-Plus)
- Betamethasone Valerate 0.1%/Tranilast 1% Topical Gel (PracaSil™-Plus)
- Tamoxifen Citrate 0.1%/Tranilast 1%/Caffeine Citrated 0.1%/Lipoic Acid 0.5% Topical Gel (PracaSil™-Plus)
- EGCg 1%/Dimethyl Sulfone 2%/Tranilast 1%/Ascorbic Acid 2% Topical Gel (PracaSil™-Plus)
- EGCg 1%/Dimethyl Sulfone 5%/Ascorbic Acid 2%/Caffeine 1% Topical Gel (PracaSil™-Plus)

ALSO AVAILABLE

PCCA PracaMac™ Oil

- The ideal wetting agent for PracaSil-Plus – it contains an anhydrous mixture of oils, which improves the solubility and wettability of active pharmaceutical ingredients.
- Use in topical ointments, microemulsions, emulsions and gels.
- Solubilizer and wetting agent at 5-10%.

PCCA # 30-4674

Frequently Asked Questions

Can PracaSil-Plus be used orally?

No. The raw materials used in the base have not been approved for oral use.

Silicones comprise what percentage of PracaSil-Plus?

PracaSil-Plus contains over 50% silicones. It is a low viscosity elastomer dispersion network that offers an exceptional feel during application. The PracaSil-Plus copolymer network employs a polymerization chemistry that differs from the traditional silicone structurants.

Can PracaSil-Plus be used in animals?

Yes, so far there have been beneficial reports with use in dogs, snakes and horses.

Does it wash off easily?

Since it is an anhydrous silicone gel, it doesn't wash off easily. This increases wear time and barrier protection potential.

Can PracaSil-Plus be used vaginally?

PracaSil-Plus has not been tested specifically for vaginal use, but could be used vaginally.

Can PracaSil-Plus be used for wounds?

Yes, but PCCA Spira-Wash™ Gel (PCCA #30-4678) is the preferred wound base.

How soon after surgery can PracaSil-Plus be used?

It can be used immediately.

Is PracaSil-Plus safe for patients who are pregnant or breast feeding?

There should not be any problem using PracaSil-Plus during pregnancy. However, it is not designated as "pregnancy safe," since testing has not been done to prove the safety of PracaSil-Plus during pregnancy.

Is PracaSil-Plus a protectant from body fluids, such as diarrhea or leakage around an ostomy site?

Yes, the silicones in PracaSil-Plus provide this protection.

References:

- Costa, M., Muniz, M., Negrao, C., Costa, C., Lamarao, M., Morais, L., Junior, J. and Costa, R. (2013) 'Characterization of *Pentaclethra macroloba* oil', *Journal of Thermal Analysis and Calorimetry*, 16 January 2013 [Online].
- Mustoe, T. (2008) 'Evolution of silicone therapy and mechanism of action in scar management', *Aesthetic Plastic Surgery*, 32 (1), p.82-92.
- PCCA (2013a) PracaSil-Plus. Available at: <http://www.pccarx.com/pcca-products/pcca-exclusives/bases/PracaSil-Plus> (Accessed: 17 May 2013).
- PCCA (2013b) 'Efficacy of PracaSil-Plus in scar therapy treatment: a randomized, double-blind, controlled pilot trial', *Technical Report: 2TR0513*.
- Widgerow, A., Chait, L., Stals, R. and Stals, P. (2000) 'New innovations in scar management', *Aesthetic Plastic Surgery*, 24 (3), p.227-234.

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