

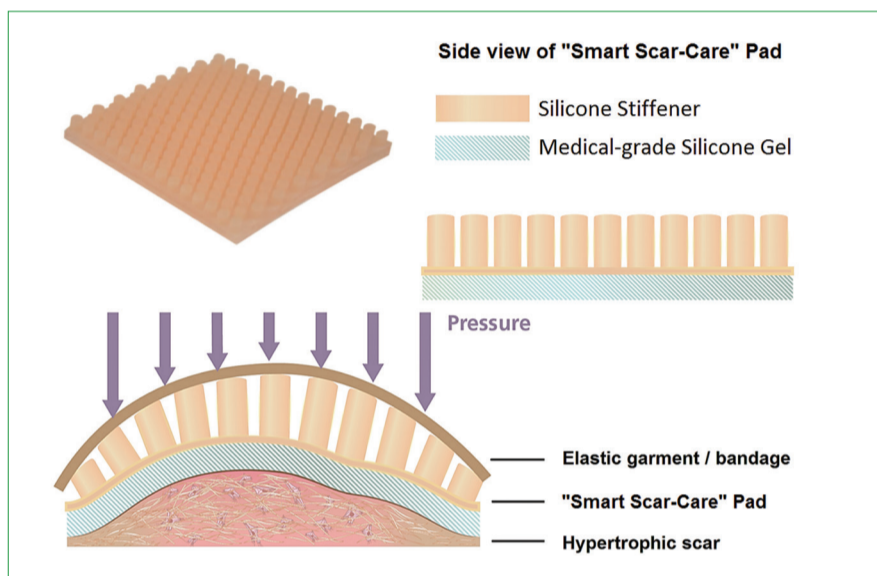
“平疤貼”：創造平痕世界

“Smart Scar-Care” Pad: for a “Scar-less” World

創新方案：結合壓力治療和矽酮療法 治療增生性疤痕 創造平痕世界
Combine pressure and silicone gel therapy to control hypertrophic scar to create a scar-less world

專利編號:CN103070744B (中國)

增生性疤痕是燒傷、手術和外傷後常見的後遺症。它不僅影響外觀，且可能導致嚴重的畸形和殘疾，特別是亞洲人群。“平疤貼”是一種特別針對增生性疤痕的新型壓力墊。它由一層特別設計的矽酮橡膠和一層採用特別配方的醫療用矽酮凝膠組成。配合壓力治療，“平疤貼”能均勻分佈壓力同時減少疤痕張力和阻礙水份流失。“平疤貼”質地貼服、耐用、佩戴舒適，適用於壓力衣之下。



"平疤貼"及其使用示意圖
"Smart Scar-Care" pad and its illustration



個案展示
Case demonstration

Hypertrophic scar is a common complication following burns, surgeries and trauma. It will cause aesthetic problems, and induce severe deformities, thus causing dysfunctions, particularly among the Asian population. "Smart Scar-Care" pad is a newly invented padding material for the better control of hypertrophic scar. It is composed of a specially designed silicone stiffener and the medical-grade silicone gel lining underneath was synthesized with unique formula. Together with pressure treatment modalities, "Smart Scar-Care" pad helps to distribute pressure evenly over the hypertrophic scar, thus reducing skin tension and at the same time creating occlusion effect. "Smart Scar-Care" pad is a highly conformable, durable, and comfortable padding material to be applied underneath the pressure garment.

特色與優點

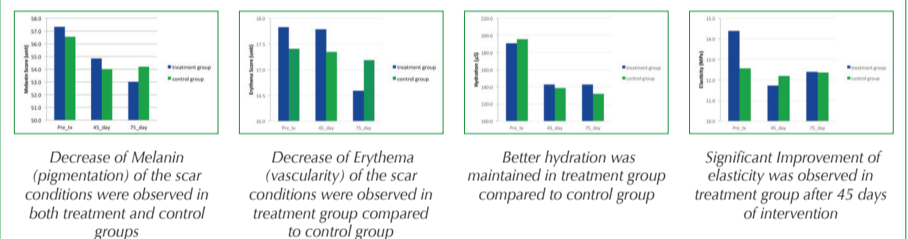
- 雙層設計，多重療效：結合壓力和矽酮治療效果。
- 治療師可選用不同矽酮橡膠釘高度、直徑和矽酮凝膠層厚度的組合，而提供最佳治療。
- 方便剪裁：能貼服於身體不同部位的輪廓(凹或凸的表面)，令壓力均勻分佈在疤痕表面。
- 臨床實驗證明，“平疤貼”能改善疤痕色澤、血管分佈、彈性，以及保持濕潤。

應用

- 可用於治療由燒傷和手術導致的增生性疤痕，例如剖腹產術後疤痕
- 可以改善不同階段的增生性疤痕
- 適用於控制疤痕疙瘩

獎項

- 第45屆瑞士日內瓦國際發明展 - 評判特別嘉許金獎 (2017年3月)
- 羅馬尼亞國家理事會 - 創新科技特別大獎 (2017年3月)



臨床資料分析
Review of the clinical outcomes

Patent No.: CN103070744B (China)

Special Features and Advantages

- The double-layer design combines pressure therapy and silicone gel effect.
- Various combinations of stud heights, stud diameters, gel layer thicknesses are ready for therapists' clinical decisions to provide optimal treatment.
- The padding can be trimmed to conform to different body contours (concave or convex surfaces) so that the pressure can be evenly distributed over the surface of the scar.
- It is clinically proven to have good performance in reducing pigmentation and vascularity, improving elasticity and preventing dehydration.

Applications

- Clinically effective on post burn hypertrophic scar and surgical scars such as post Caesarean section scar.
- Clinically effective on hypertrophic scars at different stages of development.
- Clinically effective to control keloid scar hypertrophy.

Awards

- Gold Medal with the Congratulations of Jury – 45th International Exhibition of Inventions of Geneva, Switzerland (Mar 2017)
- Innovation Award - National Council of Rector, Romania (Mar 2017)

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