

SCAR^{MD}

Clinical Summary

Scar MD[®] Stretch Mark Repair Cream Clinical Summary Efficacy of Darutoside & Regestril

Introduction

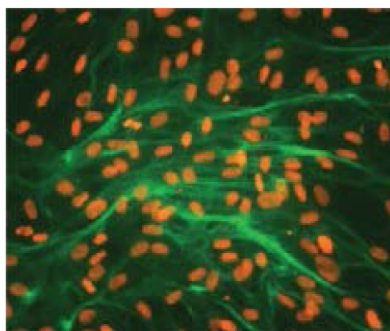
Scar MD[™] Stretch Mark Repair Cream contains two active ingredients, Darutoside and Regestril. These have been proven to reduce the redness of striae (stretch mark) and improve the indentation with striae. Both have undergone rigorous clinical investigations.

Darutoside

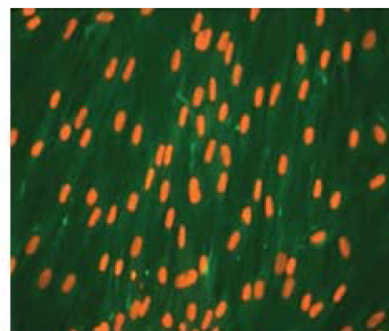
Darutoside has been investigated for many years as an appropriate treatment for wounds. There is well documented evidence supporting its efficacy in the repair of wounds and scars. The application onto the skin of Darutoside leads to more regular alignment of the collagen matrix and to an improvement in skin elasticity.

Regestril

In-vitro studies show the efficacy of Regestril in inhibiting several of the precursors that stimulate the production of fibroblasts and hence collagen. This has been quantified in-vitro and the resultant effect on stretch marks has been investigated.



Placebo



After
Increase in collagen synthesis

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Method

Darutoside (n=14)

3D imaging was used to quantitatively measure the change in redness, indentation and skin pliability over a 4 week period with Darutoside treatment.

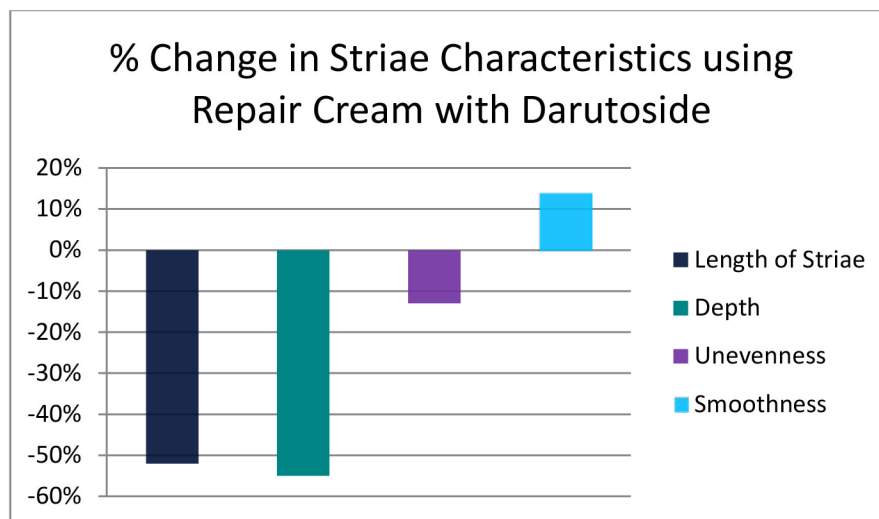
Regestril (n=13)

Ultrasound imaging was used on patients before and after treatment to measure the effectiveness of Regestril on stretch marks.

Results

Darutoside

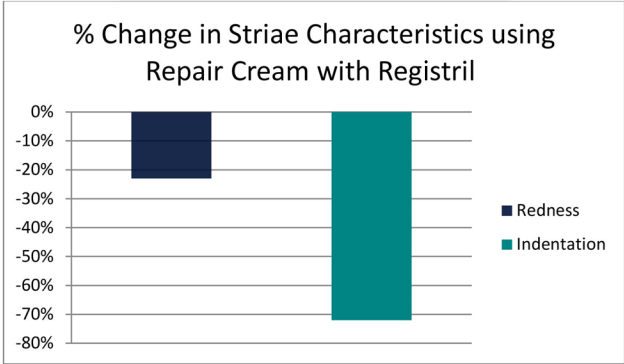
The skin irregularities associated with stretch marks and the improvement over the 4 weeks was clearly seen using the 3D imaging.



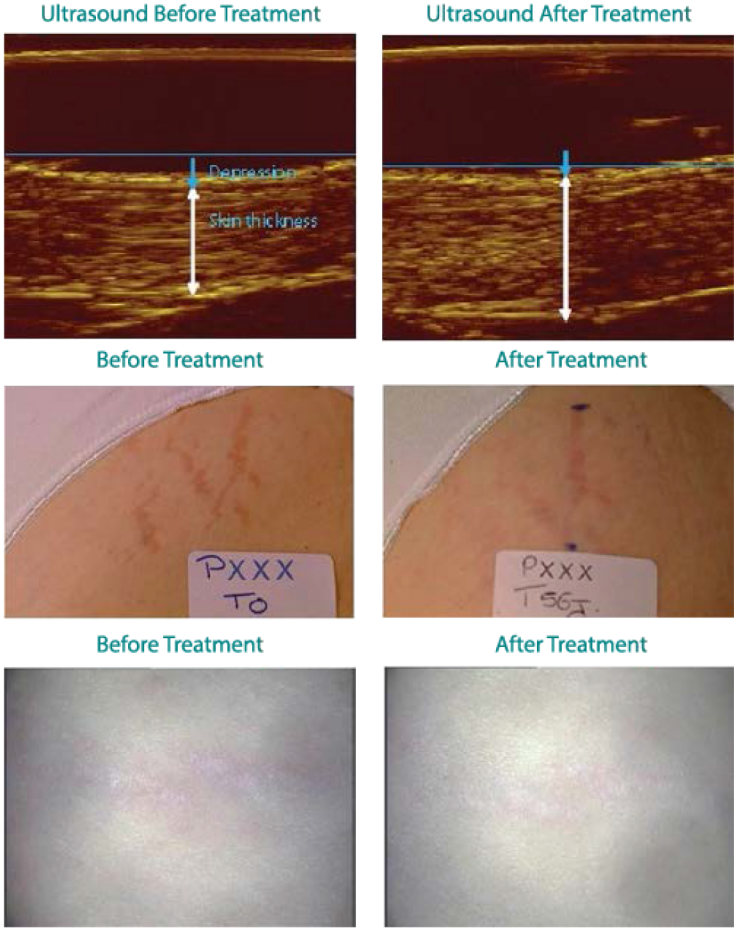
Regestril

The assessment of the change in Stretch marks using Regestril showed a significant improvement in the depth and color of the stretch mark.

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72% improvement in indentation as measured by ultrasound





Discussion

Both Darutoside and Regestril have a positive effect on striae. Both improve the redness of striae and the general unevenness of the skin. Uniquely both these compounds improve the indentation giving a more even toned skin and normalizing the area around the striae.

It is clear that the compounds have an effect on improving and realigning the collagen around the area of application. This has been proven in-vitro and in-vivo, further clinical work will be needed to prove the effectiveness of the cream on improving the striae and patients quality of life.

The combination of these two materials in the therapeutic concentrations will produce an anti-striae cream that would improve the redness and indentation of the striae. Scar MDTM stretch mark cream has clinical data to prove the ingredients are effective.

If you would like further information please contact us at: info@Scar MD.net, or call 727.286.6227.