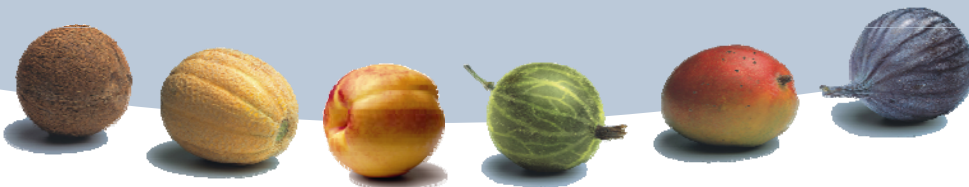


WaveLight
Aesthetic GmbH

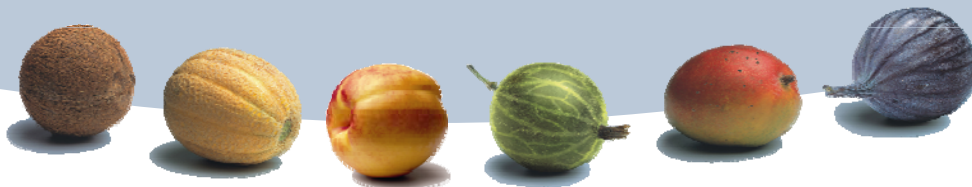
Aramis
1540nm Er:Glass

Laurent Meilhac
Product manager



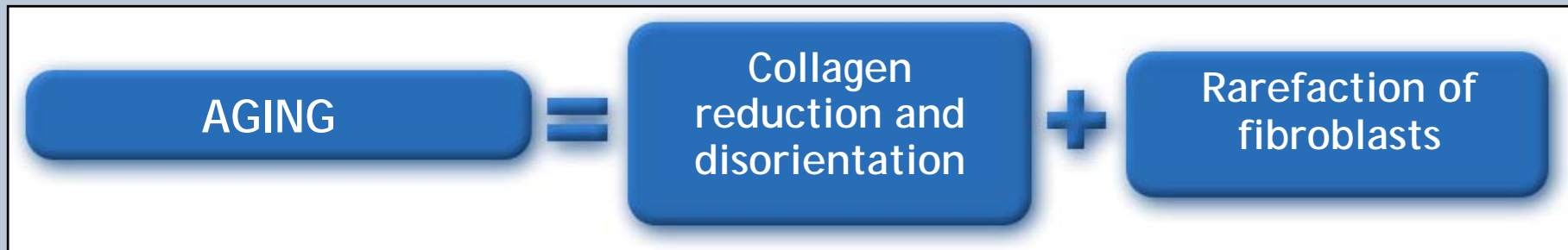
Indications and principles of Aramis

- Remodeling
 - Heat the dermis
 - Stimulate the fibroblast
 - The dermis get thicker
 - Wrinkles are less visible
- Treatment of active acne
 - Heat the sebaceous glands
 - Get them atrophied
 - Acne is dried
- Treatment of acne scars



Remodelling : aging and healing

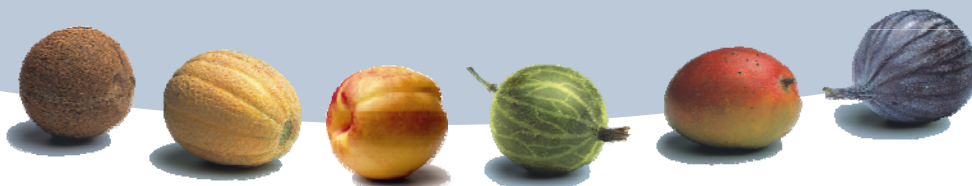
- Analysis of the aging process



- Analysis of the healing process

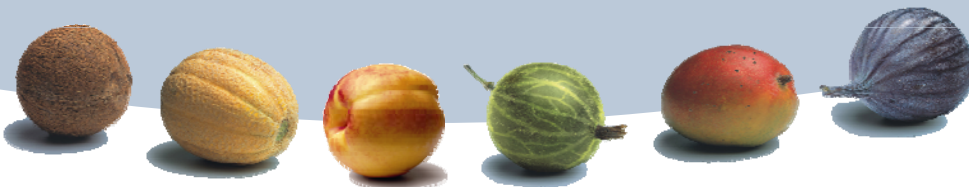


(Over 3 to 4 weeks)

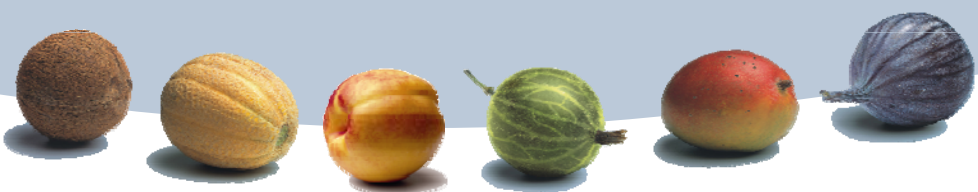
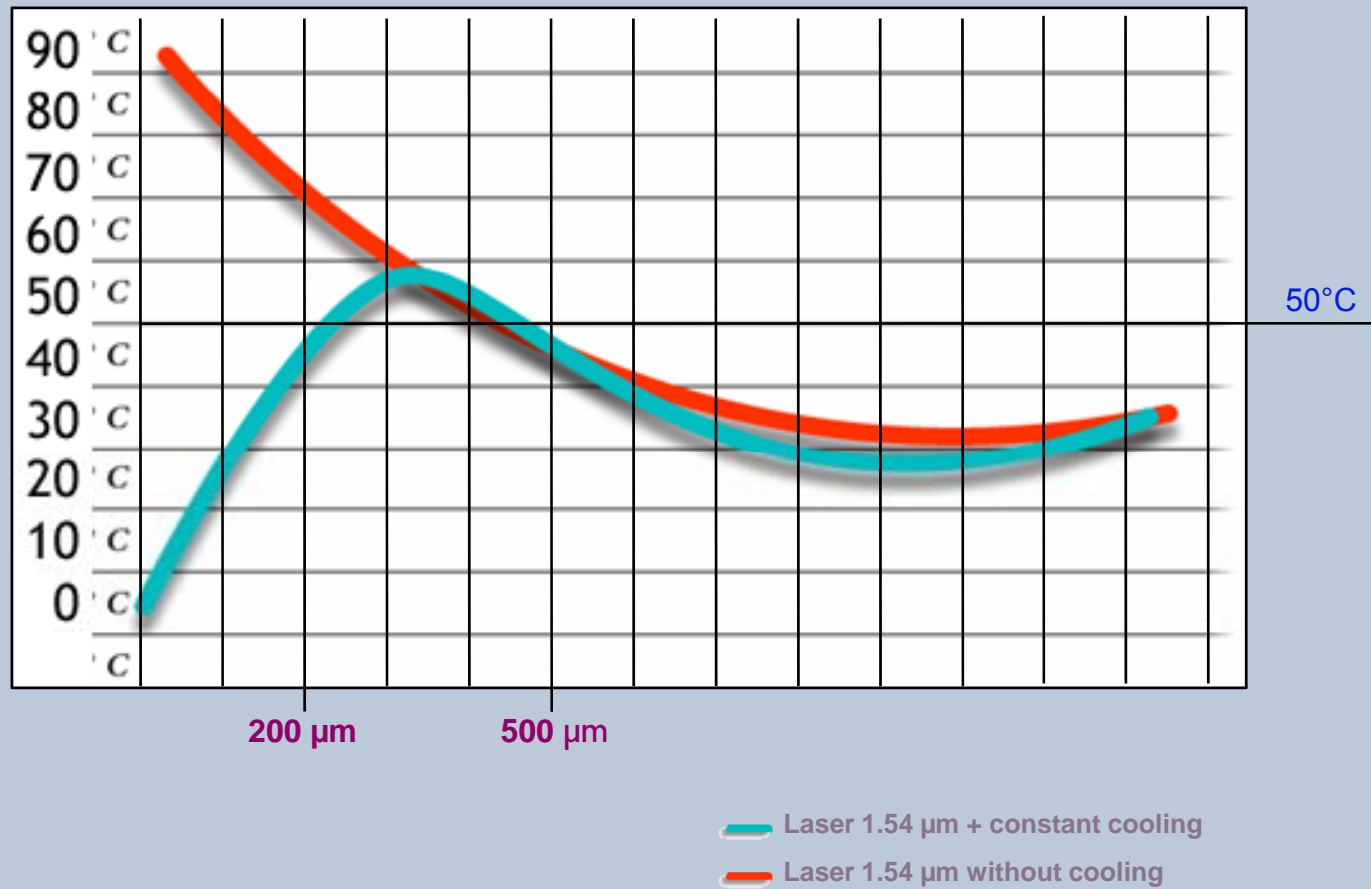


1.54 μm , the good wavelength

- 1.54 μm is in the infrared part of the spectrum and is ideally absorbed by water
- There is no absorption by melanin
 - All phototypes can be treated
 - Treatments can be performed all year round
 - No side effects
- Effects are located between 200 and 500 microns
 - The heating by the laser is effective up to 500 microns
 - The contact cooling is effective up to 200 microns



The skin temperature balance



Aramis, a proven clinical efficacy

- **Histology:**

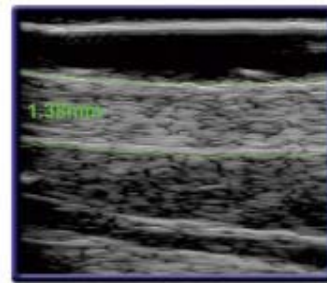


Before remodeling

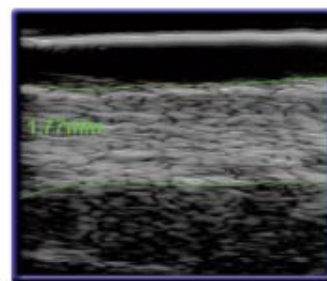


2 months after 1st treatment

- **Echography:**

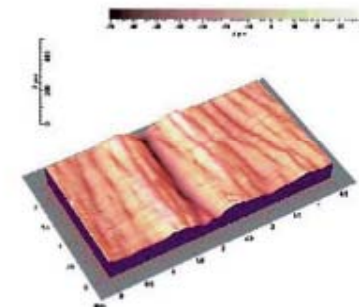


Dermis thickness: 1.38 mm

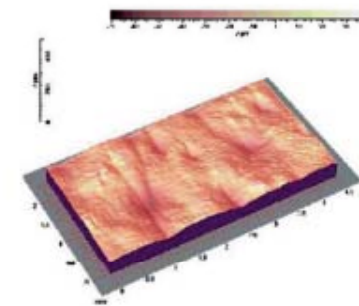


Dermis thickness: 1.77 mm

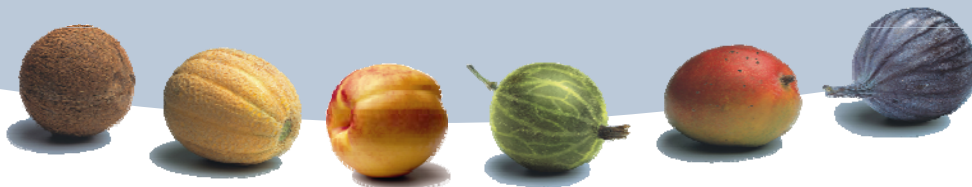
- **Silicone imprints:**



Before 1st treatment

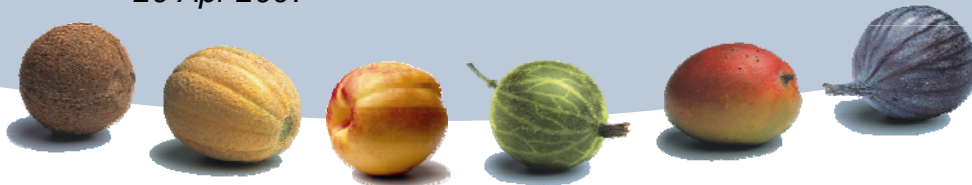


1 month after 3rd treatment



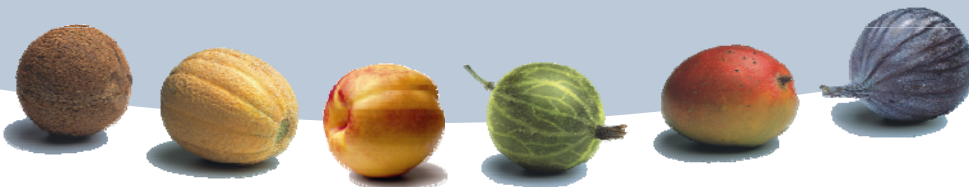
A lot of clinical studies

- In Vivo Experimental Evaluation of Skin Remodelling by Using an Er: Glass Laser With Contact Cooling *S. Mordon, A. Capon, C. Creusy, L. Fleurisse, B. Buys, M. Faucheux, P. Servell Laser in Surgery and Medicine, 2000*
- Non-ablative Remodelling: Clinical, Histological, Ultrasound Imaging, and Prolilometric Evaluation of a 1540 nm Er:Glass Laser *N. Fournier, S. Dahan, G. Barneon, S. Diridollou, J.M. Lagarde, Y. Gall, S. Mordon Dermatology Surgery, 2001*
- Non-ablative Remodelling: A 14 Month Clinical Ultrasound Imaging and Profilometric Evaluation of a 1540 nm Er:Glass Laser *N. Fournier, S. Dahan, G. Barneon, C. Rouvrais, S. Diridollou, J.M. Lagarde, S. Mordon Dermatology Surgery, 2002*
- Non-ablative Laser Skin Resurfacing using a 1540 nm Erbium Glass Laser: A Clinical and Histological Analysis *J.R. Lupton, C. M. Williams, T.S. Alster Dermatology Surgery, 2002*
- Treatment of Neck Lines and Forehead Rhytids with a Non-ablative 1540 nm Er:Glass Laser: A Controlled Clinical Study Combined with the Measurement of the Thickness and the Mechanical Properties of the Skin *S. Dahan, J.M. Lagarde, V. Turlier, L. Courrech, S. Mordon Dermatology Surgery, 2004*
- A 35-month profilometric and clinical evaluation of non-ablative remodelling using a 1540 nm Er:Glass laser *N. Fournier, J.M. Lagarde, V. Turlier, L. Courrech, S. Mordon Cosmetic Laser Therapy, 2004*
- 1540nm Erbium:Glass Laser is a Safe, Effective Treatment for Facial Acne in Skin Types IV-VI *M. Bogle, S. Mordon, J. Dover, K. Arndt 2005*
- Evaluation of the 1,540 nm Erbium:Glass Laser in the Treatment of Inflammatory Facial Acne *Melissa A. Bogle MD, Jeffrey S. Dover MD, Kenneth A. Arndt MD, Serge Mordon PhD Dermatology Surgery, published article online: 20 Apr 2007*

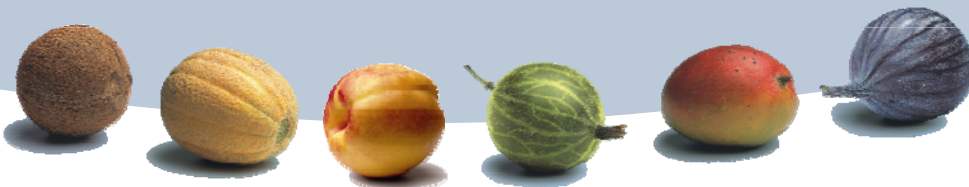


Aramis, a safe and effective treatment

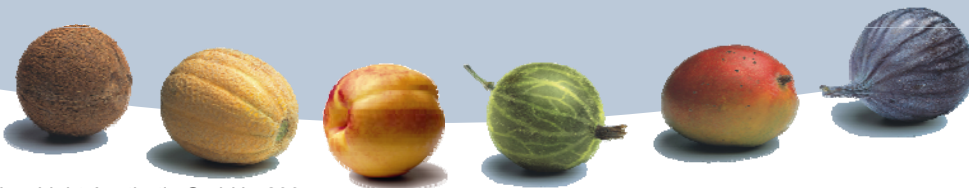
- Painless
- All phototypes
- All year round
- No contra-indication
- 20-30 minutes for a full face treatment
- No side effects



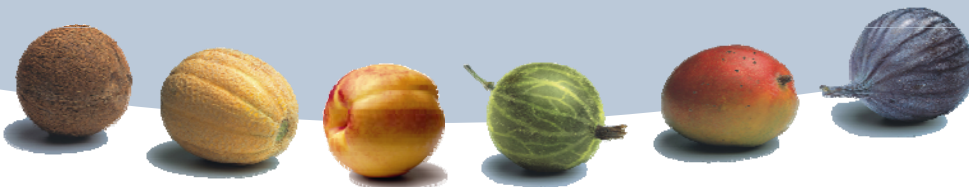
Peri-oral results



Peri-orbital results



Acne results



Acne results



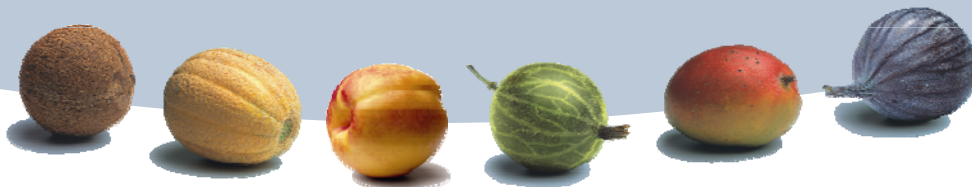
Before



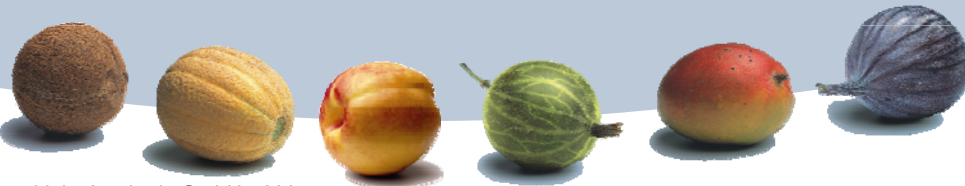
After 1 treatment

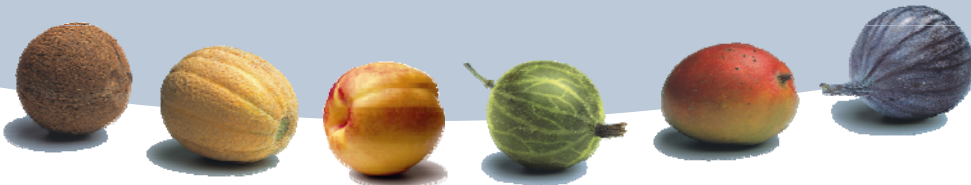


After 3 treatments



Acne scars results





Thank you for your attention

Vielen Dank für Ihre Aufmerksamkeit

תודה על הקשבה / תודה על תשומת לב

Tack för er uppmärksamhet

Ευχαριστώ για τη προσοχή σας

Faleminderit për kujdesin tuaj!

Takk fyrir að hlusta

Merci pour votre attention

너의 주의를 위해 너를 감사하십시오

Takk for oppmerksomheten

dziękuję za waszą uwagę!

Спасибо за внимание

hvala lepa za vašu pozornost

Ďakujem za vašu pozornosť

Dank U voor uw aandacht

Ačiči už dèmesi

გმადლობთ ყურადღებისათვის

Tānan tāhelepanu eest

obrigado pela sua atenção

शुक्रिया आपके ध्यान के लिए

شكراً على اهتمامكم

Дзякуй за увагу

děkuji (vám) za vašu pozornost

Mulțumesc pentru atenție

Dikkatiniz için teşekkür ederim

Hvála za vašo pozórnost

дякую за вашу повагу

Kiitos huomiostanne

Grazie per la vostra attenzione!

谢谢 (麻烦你了)

ご清聴ありがとうございました

paldies par uzmanību

Tak for opmærksomheden

Köszönöm a figyelmüket!

Благодаря за вниманието

