

#AAD2019

Highlights
AEDV

IN 77TH AAD CONGRESS

1-5 MARCH 2019

★ WASHINGTON ★

Scientific Initiative of:



Sponsored by:



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Cosmetics and lasers
Dr. Guillermo Villalón Gacía

Scientific Initiative of:



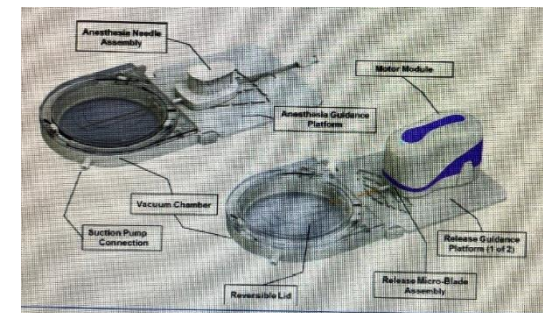
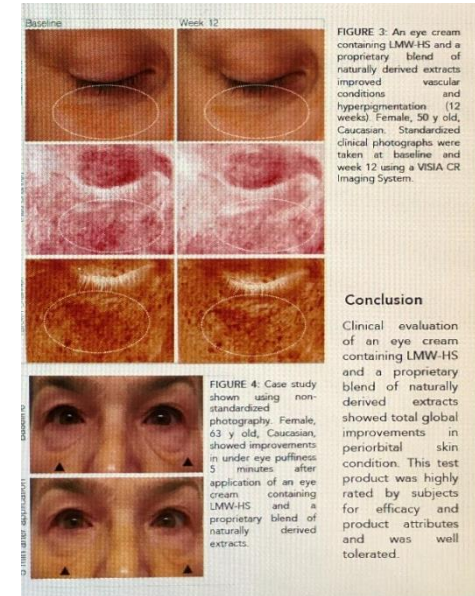
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- Global periorbital skin rejuvenation by a topical low molecular weight heparan sulfate and a blend of glycoasminoglicans complex.
- Treatment of infraorbital hiperpigmentation with 20% TCA and 10% phenol peel



- Effectiveness of a tissue stabilized-guided subcision procedure for the treatment of cellulite



ANGIOFIBROMAS: LASER (PDL/AFR)+ RAPAMYCIN

- Pulsed-dyed laser 10mm: 1,5ms, 7,5 J/cm². 30m ms cooling
- Ablative fractional resurfacing: 15mm, 70 mJ; 40%
- Pintpoint electrosurgery to papular fibrotic lesions
- 0,2 % topical sirolimus ointment bid



LASER ASSISTED DRUG DELIVERY

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Laser assisted drug delivery

Ablative CO2 laser: FDT, hypertrophic scars (triamcinolone and 5FU), onychomycosis (amorolfine) and basal cell carcinoma (cisplatin)



WRINKLES AND PHOTODAMAGE:

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Classical full field erbium resurfacing for perioral resurfacing
Fractional CO2 resurfacing preferred for periorbital



SELECTIVE CRYOLYSIS OF SEBACEUS GLANDS

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Selective Cryolysis of Sebaceous Glands

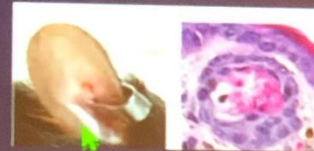
- Lipid-containing cells are sensitive to cold injury
- Studied effect of cooling -7°C for 10 minutes on SG

Mouse ears:

- Histologic damage at 72 h
- Decreased gland size for 1 week

Human backs:

- Sebaceous gland damage
- Reduced sebum output for 2 weeks



After cooling



Control

LASER HEATING OF GOLD MICROPARTICLES

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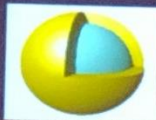
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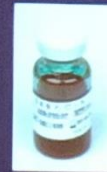
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Laser Heating of Gold Microparticles

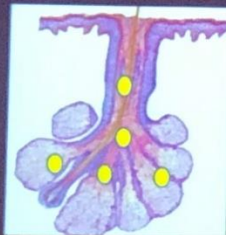
Gold Microparticles



- Silica core (120 nm)
- Gold shell (15 nm)
- PEG coating



3 ml suspension



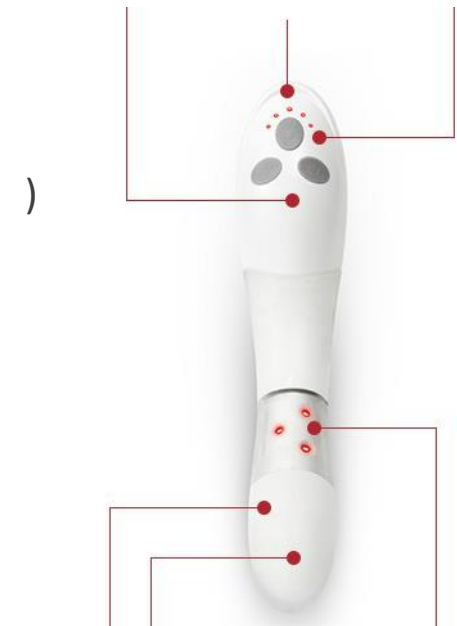
Apply 1064 nm laser light

- 30 ms
- 25-35 J/cm²



V- SCULPT/FIT

- A home led device to improve woman genitourinary health.
- **Early intervention** with fractional ablative laser devices or radiofrequency improve postmenopausal women sexual, urogenital distress,, incontinence.
- Clinical trials underway for genitourinary syndrome atrophic vaginitis, urinary incontinence and pelvic prolapse.



Differentiation of Microfocused Ultrasound with Visualization (MFU-V Merz North America) Treatment Using a Customised Management Protocol vs standar treatment.

- Thermocoagulation of dermis and SMAS.
- 50 patiens in the study.
- Pain range 3,3 in analogic scale and satisfaction results 63 patiens agree and 37 strongly agree when treatment is ECO guided vs 43 patiens agree and 23 strongly agree when not ECO guided.

