

## Cutaneous Laser Surgery - Longhorn F

8:00 am - 11:30 am

Directors: *Mathew M. Avram, M.D., J.D., Paul M. Friedman, M.D.*

### FRACTIONAL LASERS, BODY CONTOURING

#### Educational Needs

This session focuses on the use of fractional lasers for the treatment of dyspigmentation, photoaging, acne scars, and warts. Ultrasound and combination treatments for body contouring will also be addressed. Participants will develop an understanding of the present treatment indications, therapeutic techniques, and new and innovative technologies.

#### Participants

This session will benefit physicians and health care personnel who treat cutaneous disorders in the disciplines of dermatology, plastic surgery, and facial plastic surgery. It will also benefit those engineers and medical device personnel who actively work to develop devices for the treatment of cutaneous disorders.

#### Background Requirements

Participants should have a basic understanding of the fundamentals of skin biology, laser physics, and laser tissue interaction.

#### Instructional Content and/or Expected Learning Outcomes

Attendees will gain knowledge of cutting edge laser treatments and their clinical applications in the treatment of a variety of cutaneous conditions.

#### Hot Topics

- 1927nm thulium fiber laser for the treatment of melasma
- Ultrasound devices for body contouring

8:00 am - 8:01 am

Introduction - *Mathew M. Avram, Paul M. Friedman*

8:02 am - 8:07 am

91

TREATMENT OF MELASMA IN FITZPATRICK SKIN TYPES IV-V WITH NON-ABLATIVE FRACTIONAL PHOTOTHERMOLYSIS: A REPORT OF 14 CASES WITH LONG-TERM FOLLOW-UP

(ePoster available)

*Paul M. Friedman, Jennifer M. Landau, Kristel D. Polder, Megan N. Moody, Leonard H. Goldberg, Irene J. Vergilis-Kalner, Denise Marquez, DermSurgery Associates, Houston, TX, Rodgers Dermatology, Dallas, TX*

8:08 am - 8:13 am

92

TREATMENT OF MELASMA WITH A NOVEL FRACTIONATED 1927nm THULIUM FIBER LASER

(ePoster available)

*Kristel Polder<sup>1</sup>, Suzanne Bruce<sup>2</sup>, University of Texas, Suzanne Bruce and Associates, Houston, TX*

<sup>1</sup>Equipment and honoraria from Solta

<sup>2</sup>Equipment from Solta

•Content discusses non-FDA approved device or off-label use

8:14 am - 8:19 am

93

EFFICACY OF 1927nm THULIUM FIBER LASER FOR THE TREATMENT OF MELASMA IN CHINESE PATIENTS

(ePoster available)

*Stephanie G.Y. Ho, N. Chan, C.K. Yeung, Samantha Y. Shek, Henry H.L. Chan<sup>1</sup>, The University of Hong Kong, Hong Kong, China*

<sup>1</sup>Stockholder with Solta

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|---|----|--|
| 8:20 am - 8:25 am                               | 94 | <p><b>NON-ABLATIVE 1550nm FRACTIONAL LASER THERAPY NOT EFFECTIVE FOR ASHY DERMATOSIS AND POST-INFLAMMATORY HYPERPIGMENTATION: A PILOT STUDY</b></p> <p><i>Marije W. Kroon, Bas S. Wind, Arne A. Meesters, Albert Wolkerstorfer, J.P. Wietze Van der Veen, Jan D. Bos, Allard A. Van der Wal, Johan F. Beek, The Netherlands Institute for Pigment Disorders, Amsterdam, The Netherlands</i></p> <p><i>•Content discusses non-FDA approved device or off-label use</i></p>  |
| <b><u>LATE-BREAKING ABSTRACT</u></b>            |    |  |
| 8:26 am - 8:31 am                               |    | <p><b>SUCCESSFUL TREATMENT OF FACIAL MELASMA WITH A COMBINATION OF MICRODERMABRASION AND Q-SWITCHED Nd:YAG LASER TREATMENT</b></p> <p><i>Arielle N.B. Kauvar, New York Laser &amp; Skin Care, New York, NY</i></p>   |
| 8:32 am - 8:42 am                               |    | <p><b>Q&amp;A</b></p>  |
| 8:43 am - 8:48 am                               | 95 | <p><b>ABLATIVE FRACTIONAL RESURFACING OF EYELIDS: A PROSPECTIVE EVALUATION</b></p> <p><i>Brian Biesman<sup>1</sup>, Nashville Centre for Laser and Facial Surgery, Nashville, TN</i></p> <p><i><sup>1</sup>Research grant from Lumenis</i></p>   |
| 8:49 am - 8:54 am                               | 96 | <p><b>COLD INDUCED MODULATION OF TARGETED FACIAL NERVES. A PILOT STUDY OF A MINIMALLY INVASIVE CRYOPROBE DEVICE FOR IMMEDIATE REDUCTION OF DYNAMIC WRINKLES</b></p> <p><i>Francis Palmer<sup>1</sup>, Vic Narurkar<sup>1</sup>, Thomas Munyon<sup>2</sup>, Kristine Tatsutan<sup>3</sup>, Los Angeles, CA, California Pacific Medical Center, San Francisco, CA, Munyon Dermatology, Myoscience, Redwood City, CA</i></p> <p><i><sup>1</sup>Consulting fees and equity position with Myoscience</i></p> <p><i><sup>2</sup>Consulting fees from Myoscience</i></p> <p><i><sup>3</sup>Salary and equity position with Myoscience</i></p> <p><i>•Content discusses non-FDA approved device or off-label use</i></p> |
| 8:55 am - 9:00 am                               | 97 | <p><b>ENHANCED SKIN REJUVENATION: A NOVEL COMBINED NON-ABLATIVE AND FRACTIONAL APPROACH</b></p> <p><i>Hanit Brenner-Lavie<sup>1</sup>, Yossi Adanny<sup>1</sup>, Avner Rozenberg<sup>1</sup>, Haim Epstein<sup>1</sup>, Genady Nahshon<sup>1</sup>, Ruthie Amir<sup>1</sup>, Ulrich Toft<sup>1</sup>, Tal Nachliel<sup>2</sup>, Boris Vaynberg<sup>1</sup>, Syneron Medical, Ltd., Yokneam Illit, Israel, Assuta Medical Center, Haifa, Israel</i></p> <p><i><sup>1</sup>Salary from Syneron</i></p> <p><i><sup>2</sup>Equipment, consulting fees, honoraria from Syneron</i></p>  |
| 9:01 am - 9:06 am<br><i>(ePoster available)</i> | 98 | <p><b>LONG-TERM EFFICACY AND SAFETY OF MICRO-FOCUSED ULTRASOUND FOR SKIN TIGHTENING AND LIFTING: RESULTS IN 183 KOREAN SUBJECTS</b></p> <p><i>Nark-Kyoung Rho, Chan-Woo Jeong, Deuk-Pyo Lee, Sangjin Park, Seung-Hui Kang, Jang-Hyun Shin, Byung-Soon Park, Leaders Aesthetic Laser &amp; Cosmetic Surgery Center, Seoul, Korea</i></p>  |
| 9:07 am - 9:12 am                               | 99 | <p><b>CLINICAL STUDY OF TRANSCUTANEOUS FOCUSED ULTRASOUND FOR LOWER FACIAL AND SUBMENTAL SKIN TIGHTENING IN ASIANS</b></p> <p><i>Nicola P.Y. Chan, Carol S. Yu, Johnny C.Y. Chan, Samantha S. Shek, Henry H.L. Chan<sup>1</sup>, The University of Hong Kong, Eye Institute, Hong Kong, China</i></p> <p><i><sup>1</sup>Equipment from Ulthera</i></p>   |



# Cutaneous Laser Surgery Session

Sunday, April 3, 2011

2011 Annual Conference  
 Pre-Conference Courses: March 30-31, 2011  
 Annual Conference: April 1-3, 2011  
 Gaylord Texan™ Resort and Convention Center  
 Grapevine, TX

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| 9:13 am - 9:18 am                                | 100 | <p>CLINICAL AND HISTOPATHOLOGICAL EVALUATION OF A NEW NON-INVASIVE BODY CONTOURING DEVICE COMBINING HIGH POWER BIPOLAR RADIOFREQUENCY, INFRARED LIGHT, NEGATIVE PRESSURE AND MECHANICAL TISSUE MANIPULATION</p> <p><i>Hema Sundaram<sup>1</sup>, Jason N. Pozner<sup>1</sup>, Sundaram Dermatology, Cosmetic &amp; Laser Surgery, Fairfax, VA, Sanctuary Plastic Surgery, Boca Raton, FL</i></p> <p><sup>1</sup><i>Equipment from Syneron/Candela</i></p> |
| 9:19 am - 9:36 am                                |     | Q&A   |
| 9:37 am - 9:42 am<br><i>(ePoster available)</i>  | 102 | <p>COMPARISON OF FRACTIONAL Er:YAG AND CO<sub>2</sub> LASERS IN RESURFACING OF ATROPHIC ACNE SCARS IN ASIANS</p> <p><i>Woraphong Manuskiatti, Thanawan lamphonrat, Rungsima Wanitphakdeedecha, Sasima Eimpunth, Siriraj Hospital, Mahidol University, Bangkok, Thailand</i></p>   |
| 9:43 am - 9:48 am<br><i>(ePoster available)</i>  | 103 | <p>A PROSPECTIVE RANDOMIZED SPLIT-FACE COMPARISON STUDY OF NON-ABLATIVE FRACTIONAL LASER RESURFACING IN THE TREATMENT OF ACNE SCARRING IN FITZPATRICK SKIN PHOTOTYPES IV-VI</p> <p><i>Andrew Alexis, Marcy Coley, Janiene Luke, Sejal Shah, Yahya Argobi, Murad Alam, Skin of Color Center, St. Lukes Roosevelt Hospital, New York, NY, Downstate Medical Center, Brooklyn, NY, Northwestern University, Chicago, IL</i></p>                              |
| 9:49 am - 9:54 am                                | 104 | <p>EVALUATION OF THE COMBINED TREATMENT WITH FRACTIONAL LASER AND FRACTIONAL RADIOFREQUENCY FOR ACNE SCARS IN ASIANS</p> <p><i>Chi Keung Yeung, Nicola P.Y. Chan, Carol S. Yu, Henry H.L. Chan<sup>1</sup>, The University of Hong Kong, Hong Kong, China</i></p> <p><sup>1</sup><i>Equipment loan from Syneron</i></p>   |
| 9:55 am - 10:00 am<br><i>(ePoster available)</i> | 105 | <p>THERMO-FRACTIONAL PDT FOR PERSISTENT WARTS</p> <p><i>Leonardo Marini, SDC-The Skin Doctors', Center, Trieste, Italy</i></p> <p><i>•Content discusses non-FDA approved device or off-label use</i></p>  |
| <b><u>LATE-BREAKING ABSTRACT</u></b>             |     |   |
| 10:01 am - 10:06 am                              |     | <p>1064nm QS Nd:YAG LASER AND 1550nm ERBIUM-DOPED FRACTIONATED FIBER LASER FOR THE TREATMENT OF NEVUS OF OTA IN FITZPATRICK SKIN TYPE IV</p> <p><i>Paul Friedman, Irene Vergilis-Kalner, Jennifer Landau, Megan Moody, Leonard Goldberg, Denise Marques, DermSurgery Associates, Houston, TX</i></p>  |
| 10:07 am - 10:19 am                              |     | Q&A   |
| 10:20 am - 10:30 am                              |     | Break   |

## EXCIMER LASER AND HAIR REMOVAL

### Educational Needs

This session focuses on the use of excimer lasers for the treatment of palmoplantar psoriasis and vitiligo. Each of the topics of innovative in-office and home-use devices and optimized treatment techniques for hair removal will also be addressed. Participants will develop an understanding of the present treatment indications, therapeutic techniques, and new and innovative technologies.

### Participants

This session will benefit physicians and health care personnel who treat cutaneous disorders in the disciplines of dermatology, plastic surgery, and facial plastic surgery. It will also benefit those engineers and medical device personnel who actively work to develop devices for the treatment of cutaneous disorders.

### Background Requirements

Participants should have a basic understanding of the fundamentals of skin biology, laser physics, and laser tissue interaction.

### Instructional Content and/or Expected Learning Outcomes

Attendees will gain knowledge of cutting edge laser treatments and their clinical applications in the treatment of a variety of cutaneous conditions and hair removal.

### Hot Topics

- Excimer laser for the treatment of palmoplantar psoriasis and vitiligo
- Lasers with vacuum-assisted suction for hair removal

10:31 am - 10:36 am	106	<b>308nm EXCIMER LASER TREATMENT OF PALMOPLANTAR PSORIASIS</b> <i>David Goldberg, Nathalie Dietrich-Comte, Mussarrat Hussain, Skin Laser &amp; Surgery Specialists of NY and NJ, New York, NY</i>
10:37 am - 10:42 am (ePoster available)	107	<b>STUDY OF EFFICACY AND TOLERABILITY MONOCHROMATIC EXCIMER LIGHT IN TREATMENT OF VITILIGO</b> <i>Niteen Dhepe, Tushar Kshirsagar, Ashok Naik, Vaishali Phadke, Pune, India</i>
10:43 am - 10:48 am	108	<b>USE OF COMBINATION LASERS FOR MORE EFFECTIVE HAIR REMOVAL</b> <i>Abnoeal Bakus, Dina Yaghmai, Jerome Garden, Northwestern Hospital, Chicago, IL</i>
10:49 am - 10:54 am	109	<b>CLINICAL EVALUATION OF A 800nm LONG-PULSED DIODE LASER DEVICE WITH A LARGE SPOT SIZE AND VACUUM-ASSISTED SUCTION FOR HAIR REMOVAL</b> <i>Omar Ibrahimi, Suzanne Kilmer<sup>1</sup>, UC Davis Medical Center, Skin and Laser Center of Northern California, Sacramento, CA</i> <sup>1</sup> <i>Equipment, consulting fees and research grant from Lumenis</i>
10:55 am - 11:00 am	111	<b>BILATERAL AXILLA HAIR REMOVAL COMPARING A SINGLE WAVELENGTH ALEXANDRITE LASER WITH COMBINED MULTIPLEXED ALEXANDRITE AND Nd:YAG LASER TREATMENT FROM A SINGLE LASER PLATFORM</b> <i>Eric Bernstein<sup>1</sup>, University of Pennsylvania, Ardmore, PA</i> <sup>1</sup> <i>Equipment and research grant from Cynosure</i>

11:01 am - 11:06 am 112 A SPLIT AXILLA COMPARISON STUDY OF AXILLARY HAIR REMOVAL WITH LOW FLUENCE HIGH REPETITION RATE 810nm DIODE LASER vs HIGH FLUENCE LOW REPETITION RATE 1064nm Nd:YAG LASER  
(ePoster available)

*Rungsima Wanitphakdeedecha, Kanchalit Thanomkitti, Sasima Eimpunth, Woraphong Manuskiatti, Siriraj Hospital, Bangkok, Thailand*

#### LATE-BREAKING ABSTRACT

11:07 am - 11:12 am

A RANDOMIZED, BLINDED CLINICAL STUDY OF A MICROWAVE DEVICE FOR TREATMENT OF AXILLARY HYPERHIDROSIS

*Suzanne L. Kilmer, William Coleman III, Larry Fan, Dee Anna Glaser, Michael Kaminer, Robert Nossa, Stacy Smith, Laser & Skin Surgery Center of Northern California, Sacramento, CA, Coleman Center for Cosmetic Dermatologic Surgery, Metairie, LA, Bay Area Center for Plastic Surgery, Oakland, CA, St. Louis University, St. Louis, MO, SkinCare Physicians, Chestnut Hill, MA, The Dermatology Group of Northern New Jersey, Verona, NJ, Therapeutics Clinical Research, San Diego, CA*

*•Content discusses non-FDA approved device or off-label use*

11:13 am - 11:30 am

Q&A