



Educational Needs

These sessions will explore parameters for laser treatment for different skin lesions for multiple medical indications that still need optimization. It is a challenge for the practicing physician to choose not only the right device for the intervention but also parameters, as research is often still unsatisfactory. By actively exchanging and discussing device choices and treatments parameters for different medical indications the participant will enhance his/her knowledge about laser and energy-based devices, will be more at ease with laser and energy based device settings, and ultimately will have satisfying outcomes for most of his/her patients.

Participants

Any practitioner using lasers and energy-based devices in medical applications.

Background Requirements

A solid background knowledge of laser and energy-based device applications will be helpful to join the in depth discussion. However even beginning laser and energy-based device practitioners will have the opportunity to discuss the difficulties they face in their daily practice.

Instructional Content/Expected Learning Objectives

The attendees are expected to come out after the session with a better understanding about how to optimize laser parameters for specific indications to improve the outcome and avoid unwanted side effects. Attendants will also learn about new indications in which laser and energy-based devices might be a valid alternative treatment tool. Attendees will furthermore have the opportunity to learn about and share their own practical treatment pearls within the discussion of each presentation.

[ACCME Accreditation Statement](#)

Fri 7th April 2017 – 1.30 to 2.45 PM
Room 31 B/C

AMA PRA Category 1 CME Credits: 1.25 MAX

ESLD-Challenging Clinical Cases/Series (with International Panel Discussion)
Abstract Session

Hot topics

- PDT is being used in daily routine practice to treat cancerous and precancerous lesions. However often clinical penetration is insufficient and outcome is lacking. Enhancing the drug uptake by pre-treatment with microdermabrasion is a possible, inexpensive and easy-to-use tool to overcome this obstacle.
- Excimer laser and lamps are used to treat localized vitiligo. Topically applied khellin appears to improve this already well-established treatment. Vitiligo treatment is becoming more and more efficient combining different treatment methods.

Chairs: Ashraf BADAWI, Hans-Joachim LAUBACH

1:30 – 1:35

Introduction

1:36 – 1:47

1318nm Laser Technology in lung surgery seems to be a unique therapy in selected metastatic patients

Stephen DREWERS, Beata BIS, Andreas FRIEDRICH

Case discussion with audience

1:48 – 1:59

C-PDT and intensification

Muriel CREUSOT

Case discussion with audience

2:00 – 2:10

Association of Khellin and Excimer lamp 308nm in the treatment of severe alopecia areata

Samy FENNICHE, Houda HAMMAMI, Anissa ZAOUAK

Case discussion with audience

2:11 – 2:22

Low-level light – Minoxidil 5% combination versus either therapeutic modality alone in management of female patterned hair loss: a randomized controlled study

Samia ESMAT, Rehab HEGAZY, Heba GAWDAT, Rania ABDEL HAY, Hoda MONEIB, Rofaida EL NAGGAR, Riham ALLAM

Case discussion with audience

2:23 – 2:34

Clinical and histological evaluation of the efficacy of different laser combinations in the treatment of Becker's Melanosis

Samia ESMAT, Mona RABIE ABDELHALIM, Heba GAWDAT, Amina A. GAMAL ELDIN, Manal A. Badawi, Amira RASHAD

Case discussion with audience

2:35 – 2.45

Q&A and conclusion

Sat 8th April 2017 – 1.30 to 2.45 PM
Room 31 B/C

AMA PRA Category 1 CME Credits: 1.25 MAX

ESLD-Challenging Clinical Cases/Series (with International Panel Discussion)
Abstract Session

Hot topics

- Non-ablative peri-ocular rejuvenation: significant improvement of the peri-ocular area with no or minimal down time can now be achieved
- MRI Assisted laser ablation of Prostate cancer: Finally instead of shooting in the dark, with the aid of the MRI, the malignant tissue can be better identified and treated with laser ablation which can significantly minimize the recurrence, a real breakthrough.
- Treatment of chronic radiation dermatitis: although significant improvements have been made in the last decades in radiotherapy, radiation dermatitis is still a problem facing a large percentage of the treated patients. Effective tools are available to treat chronic radiation dermatitis once installed. Unfortunately these tools are not yet used in routine clinical practice.

Chairs: Ashraf BADAWI, Hans-Joachim LAUBACH

1:30 – 1:35

Introduction

1:36 – 1:47

Focal laser ablation for localized prostate cancer
Sherif NOUR, Kareem ELFATAIRY, Christopher FILSON

Case discussion with audience

1:48 – 1:58

Non-ablative periocular rejuvenation using long pulse Er:YAG 2940nm Laser
Ashraf BADAWI

Case discussion with audience

1:59 – 2:10

Fractional carbon dioxide resurfacing combined with intralesional Triamcinolone acetonide injections for keloids and hypertrophic scars
Paolo BONAN

Case discussion with audience

2:11 – 2:22

Fractional photothermolysis for discoid lupus erythematosus
Hans-Joachim LAUBACH, David ALVAREZ MARTINEZ, Emmanuel LAFFITTE

Case discussion with audience

2:23 – 2:34

Chronic radiation dermatitis and fibrosis – Approach to treatment
Thanh-Nga TRAN, Minh HOANG, Ouynh-Anh PHAN, Thuy PHUNG, R. Rox ANDERSON

Case discussion with audience

2:35 – 2.45

Q&A and conclusion

Sun 9th April 2017 – 7.30 to 10.30 AM
Room 30 A/B

AMA PRA Category 1 CME Credits: 3.00 MAX

ESLD-Challenging Clinical Cases/Series (with International Panel Discussion)
Abstract Session

Hot topics

- Prevention of acute and treatment of chronic radiation dermatitis: although significant improvements have been made in the last decades in radiotherapy, radiation dermatitis is still a problem facing a large percentage of the treated patients.
- Photobiomodulation appears to be a safe and effective tool to drastically reduce the incidence of acute radiation dermatitis. Unfortunately it is not used in the daily routine yet.
- Chronic radiation dermatitis is affecting up to 1/3 of breast cancer patients 10 years after radiotherapy. Vascular lasers have been shown to improve quality of life of the affected patient. ESLD public awareness campaign tries to make physicians and patients aware of this effective treatment modality.
- Panel discussion regarding the ASLMS New Beginnings Radiation Mark Removal and the ESLD Chronic Radiation Dermatitis public awareness and treatment campaigns.

Chairs: Ashraf BADAWI, Hans-Joachim LAUBACH

7:30 – 7:35

Introduction

7:36 – 7:57

Best of ESLD Laser and EBD Medicine for Breast Cancer Patients Award Recipient

Prevention of acute radiodermatitis by photobiomodulation: preliminary results of a randomized, placebo-controlled trial in breast cancer patients

Jolien ROBIJNS, Sandrine CENSABELLA, Stefan CLAES, Lore BUSSE, Annelies MAES, Paul BULENS, Niels HELLINGS, Ivo LAMBRICHTS, An TIMMERMANS, Veerle SOMERS, Jeroen MEBIS

Q&A

7:58 – 8:14

Treatment of chronic radiodermatitis with vascular Laser

Jean-Michel MAZER, Noel SCHARTZ, Gwendoline SEBILLE, Marie JOURDAN

Q&A

8:15 – 8:31

Best Overall Basic Science and Translational Research Award Recipient

Effect of laser therapy on quality of life in patients with radiation-induced breast telangiectasias

Nina BLANK, Anthony ROSSI, Kishwer NEHAL, Stephen DUSZA, Erica LEE

Q&A

8:32 – 8:48

Epidemiological data concerning "Laser treatments for breast cancer survivors" public awareness campaign

Hans-Joachim LAUBACH, Yvon PERRILLAT, Jean Michel MAZER, Hughes CARTIER

Q&A

8:49 – 9:04

Treatment of radiation tattoos with a platform-based QS Nd:YAG 1064nm laser

Girish MUNAVALLI

Q&A

9:05 – 9:21

Cryolipolysis for non-surgical reduction of lateral chest wall fat post-mastectomy
Peter CAPIZZI, Jennifer HARRINGTON

Q&A

9:22 – 9:38

Treatment of breast cancer patients suffering from genitourinary syndrome of menopause using vaginal erbium laser
Zdenko VIZINTIN

Q&A and conclusion

PANEL DISCUSSION

9:39 – 9:47

introduction to panel discussion
Ashraf BADAWI, Hans-Joachim LAUBACH

9:48 – 9:59

ASLMS – New beginnings radiation mark removal
Emil A. TANGHETTI
R. Rox ANDERSON

10:00 – 10:17

ESLD – Chronic Radiation Dermatitis Treatment
Jean-Michel MAZER
Hans-Joachim LAUBACH
Anthony M. ROSSI

10:18 – 10:30

Q&A, conclusions and recommendations

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