

CONTROVERSIES & CONVERSATIONS

in Laser & Cosmetic Surgery
an Advanced Symposium

PROGRAM

Palace Hotel • San Francisco, CA
August 9 - 11, 2019

Directors:

Kenneth A. Arndt, MD

Jeffrey S. Dover, MD, FRCPC

Associate Directors:

Murad Alam, MD, MBA

R. Rox Anderson, MD

SKINCARE PHYSICIANS®

Symposium Description

Each year sees the development of many new lasers, light and energy sources, skin tightening devices, relaxers and fillers, and other cosmetic interventions, each with proponents and opponents. The claims and disclaims that follow the development of these devices is often contradictory.

A faculty of distinguished speakers will present their views and stimulate discussion on many of these controversies and other emerging areas. "Controversies" offers participants a unique opportunity to discuss these controversial topics in a collegial atmosphere with a large group of experts in the field.

This course will be of benefit to beginner and experienced laser and aesthetic surgeons, dermatologists, plastic surgeons, otolaryngologists, ophthalmologists, oculoplastic surgeons, and other health care personnel interested in the current status of cutaneous and cosmetic surgery..

Learning objectives

Following this activity, the participant should be able to:

- Identify and manage the spectrum of cosmetic and functional skin conditions treatable with energy-based devices.
- Determine optimum therapy of choice for noninvasive treatment of pigmentary and vascular cutaneous lesions, photoaging, and face and body chronologic aging.
- Explain to patients the rationale for use of chosen laser or aesthetic surgical treatments, interpret what has been written in the scientific literature to wording understandable to a layperson, and recommend appropriate interventions for their concerns.

Format

- Bring along slides of difficult cases and take part in ongoing discussions among expert faculty and participating clinicians on current trends and state-of-the-art techniques in cutaneous and aesthetic surgery.
- Controversial issues will be presented at the start of each discussion.
- Selected faculty members will then be given a finite period of time to present their view.
- The faculty will then comment on the presentations.
- This will be followed by an open vigorous discussion with attendees, led by course directors.
- Both the faculty, as well as members of the audience, will be encouraged to challenge each other's opinions in a lively, no holds barred discussion.
- The last presentation each morning will feature challenging therapeutic problems and late breaking "Hot Topics".

FRIDAY, AUGUST 9, 2019

7 a.m. – Noon

7 – 8 a.m. Registration and Breakfast

8 – 8:05 a.m. Introduction

Kenneth A. Arndt, MD • Jeffrey S. Dover, MD, FRCPC • Murad Alam, MD, MBA

8:05 – 8:45 a.m. RF Microneedling: More Than the Emperor's New Clothes?

Presenters: Anne Chapas, MD • Christine Dierickx, MD • Macrene Alexiades, MD, PhD • E. Victor Ross, MD
Panelists: Robert Weiss, MD • Ashish Bhatia, MD • Henry Chan, MD

8:45 – 9:25 a.m. Social Media in the Aesthetic Landscape

Presenters: Neelam Vashi, MD • Kathy Fields, MD • Zakia Rahman, MD • Elizabeth Tanzi, MD
Panelists: Lauren Bonati, MD • Christopher Zachary, MD, FRCP • George Hruza, MD, MBA • Jeffrey Hsu, MD

9:25 – 10 a.m.



BREAK



10 – 10:40 a.m. Controversies: Complex Cases, Complications and Comments

Presenters: Mona Sadeghpour, MD (More on Delayed Onset Filler Nodules) • Elizabeth Tanzi, MD (Blindness from Fillers: More Common Than We Think?) • Neelam Vashi, MD (Filler Induced Granulomas) • Macrene Alexiades, MD, PhD (Preventing Complications When Combining Treatments) • Joel Cohen, MD (Preventing Filler Induced Impending Necrosis) • Robert Weiss, MD (Simple Technology to Minimize Risk of Arterial Compromise from Filler Injections)

Panelists: Mathew Avram, MD, JD • Gary Monheit, MD • Omar Ibrahim, MD, PhD • Brian Biesman, MD, FACS

10:40 – 11:15 a.m. Controversies: Pearls @ Controversies & Conversations

Presenters: James Newman, MD, FACS (Better Filler Blending) • Lisa Kellet, MD, FRCPC (HA Fillers for Reconstructive Purposes) • Roy Geronemus, MD (Nitrous Oxide) • Kevin Smith, MD, FRCPC (Methoxyflurane) • Anne Chapas, MD (Do I Really Need Eye Shields When Treating Near the Eye?) • Christopher Zachary, MD (Does CME Get in the Way of Medical Education?) • David McDaniel, MD (Opsin 3 Receptor Induced Pigment Expression and Melasma)

Panelists: Brooke Sikora, MD • Brian Zelickson, MD • Henry Chan, MD • Kristen Kelly, MD

11:15 a.m. – Noon Hot Topics

11:15 – 11:30 a.m. Melasma

Prof. Chee Leok Goh, MD • Andrew Alexis, MD • Mona Sadeghpour, MD • Henry Chan, MD

11:30 – 11:45 a.m. NanoPulse Technology

Thomas Rohrer, MD • Girish Munavalli, MD • Brian Zelickson, MD

11:45 a.m. – Noon Discussion

Kenneth A. Arndt, MD • Jeffrey S. Dover, MD, FRCPC

– Conclusion of Friday CME Portion of Symposium –

SATURDAY, AUGUST 10, 2019

7 a.m. – Noon

7 – 8 a.m. Registration and Breakfast

8 – 8:35 a.m. Laser Treatment of Scars: The New Paradigm

Presenters: Mattias Donelan, MD, FACS • Dieter Manstein, MD, PhD • Jill Waibel, MD

Panelists: E. Victor Ross, MD • Anne Chapas, MD • Jason Rivers, MD, FRCPC

8:35 – 9:10 a.m. Laser Assisted Drug Delivery: An Update

Presenters: Merete Haedersdal, MD, PhD, DMSc • Macrene Alexiades, MD, PhD • Jill Waibel, MD

Panelist: Dieter Manstein, MD, PhD • David McDaniel, MD

9:10 – 9:50 a.m. Controversies: Complex Cases, Complications and Comments

Presenters: Shilpi Khetarpal, MD (PRP for Scarring Alopecia) • Mona Sadeghpour, MD (Delayed Bruising from HA Fillers) • Mathew Avram, MD, JD (Contents of Tattoo Removal Plume) • Christopher Zachary, MD, FRCPC (Fractional Approach to Rhinophyma and Actinic Cheilitis) • Shilpi Khetarpal, MD (Non-Responders to Deoxycholic Acid) • A. Jay Burns, MD, FACS (Resurfacing Scleroderma) • Paul Friedman, MD (PDL + Oxymetazoline Cream for the Treatment of Erythematotelangiectatic Rosacea)

Panelists: Neelam Vashi, MD • Andrew Alexis, MD • Brian Zelickson, MD • Kevin Smith, MD, FRCPC

9:50 – 10:20 a.m.



BREAK



10:20 – 11 a.m. Controversies: Pearls @ Controversies & Conversations

Presenters: Joel Cohen, MD and Jason Pozner, MD, FACS (Ablative Non-Fractional Resurfacing) • Arielle Kauvar, MD (Improved Results with One Treatment Non-Ablative Resurfacing: Fractional, Pigment and Vascular Lasers) • Jason Rivers, MD, FRCPC (Dupuytren's Contracture) • Paul Friedman, MD and Michael Kaminer, MD (Acoustic Shock Wave Device Improves Clearance in Picosecond Laser-Assisted Tattoo Removal and Treatment of Cellulite) • Prof. Chee Leok Goh, MD (Laser Treatment of Nevi)

Panelists: Karen Kim, MD • Eric Bernstein, MD, MSE

11 a.m. – Noon Hot Topics

11 – 11:15 a.m. Autologous Cellular Derived Therapy Including Stem Cells

Murad Alam, MD, MBA • Girish Munavalli, MD • Shilpi Khetarpal, MD

11:15 – 11:30 a.m. Treating PWS, Hemangiomas, and Telangiectasia: Optimizing Outcomes

Roy Geronemus MD • Kristen Kelly, MD • Eric Bernstein, MD, MSE

11:30 – 11:45 a.m. New Approaches to the Treatment of Acne

Emil Tanghetti, MD

11:45 a.m. – Noon Presidents Panel and Discussion

Murad Alam, MD, MBA – ASDS President • Mathew Avram MD, JD – ASDS President-Elect • Eric Bernstein, MD, MSE – ASLMS Immediate Past President • George Hruza, MD, MBA – AAD President • Dieter Manstein MD, PhD – ASLMS President • Thomas Rohrer, MD – ASLMS President-Elect • Kenneth A. Arndt, MD • Jeffrey S. Dover, MD FRCPC

– Conclusion of Saturday CME Portion of Symposium • Non-CME Presentations and Lunch begin at Noon –

SATURDAY, AUGUST 10, 2019

Noon – 2:30 p.m.

Corporate Controversies

Lunch and Non-CME Presentations

10-minute presentations from a series of speakers followed by a panel discussion

Chaired by:

Kenneth A. Arndt, MD
Jeffrey S. Dover, MD, FRCPC

Sponsored by and Presenters from:

Candela
Cutera
Lutronic
Merz

A buffet lunch will be provided

SUNDAY AUGUST 11, 2019

7 a.m. – Noon

7 – 8 a.m. Breakfast

8 – 8:40 a.m. Neuromodulators: Short, Medium and Long Acting – How is the Landscape Changing?

Presenters: Gary Monheit, MD • Michael Kaminer, MD • Murad Alam, MD, MBA

Panelists: Suzanne Kilmer, MD • Zakia Rahman, MD • James Newman, MD, FACS

8:40 – 9:20 a.m. Body Contouring: Cold vs. Heat – Fat, Muscle, Both?

Presenters: Omar Ibrahim, MD, PhD • Suzanne Kilmer, MD • A. Jay Burns, MD, FACS • Robert Weiss, MD

Panelists: Jeffrey Hsu, MD • Dieter Manstein, MD, PhD • Thomas Rohrer, MD

9:20 – 10 a.m. Feminine Rejuvenation: Are Lasers and Energy Sources the Solution?

Presenters: Macrene Alexiades, MD, PhD • Margaret A. Weiss, MD • Roy Geronemus, MD

Panelists: Elizabeth Tanzi, MD • Mathew Avram, MD, JD

10 – 10:30 a.m.



BREAK



10:30 – 11:10 a.m. Controversies: Complex Cases, Complications and Comments

Presenters: Sara Hogan, MD and Prasanthi Kandula, MD (Vascular Complications from Liposuction) • Ashish Bhatia MD (Does Topical Therapy Enhance Body Contouring?) • Jeffrey Hsu, MD (Laser Assisted Fat Grafting) • Girish Munavalli, MD (Fat Harvest Purification and Transfer: New Techniques) • Prof. Chee Leok Goh, MD and Arielle Kauvar, MD (Dark Under Eye Circles) • Jordan Wang, MD, MBE, MBA (Survey Results: Counterfeit Medical Devices and MedSpas Complications)

Panelists: Brian Biesman, MD, FACS • Mattias Donelan, MD, FACS • Merete Haedersdal, MD, PhD, DMSc

11:10 – 11:55 a.m. Controversies: Pearls @ Controversies & Conversations

Presenters: Sara Hogan, MD • Arnica for Post-procedure Bruising and Swelling: An Update • Brian Biesman, MD, FACS (IPL for Ocular Rosacea and Dry Eye?) • George Hruza, MD, MBA (In Office Compounding: Is the End Near?) • Lauren Bonati, MD (Pain Misperceptions) • Arielle Kauvar, MD (Rapid Improvement of Severe Acne Caused by Withdrawal of Hormonal Contraceptive Medication Using PDL) • Lisa Kellet, MD, FRCPC (Deoxycholic Acid for Lipomas)

Panelists: Macrene Alexiades, MD, PhD • Jason Pozner MD, FACS • Christine Dierickx, MD

11:55 a.m. – Noon Closing Remarks

Kenneth A. Arndt, MD • Jeffrey S. Dover, MD, FRCPC • Murad Alam, MD, MBA

– Conclusion of Symposium –

Continuing Medical Education Information

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Society for Dermatologic Surgery (ASDS) and Masters Program in Laser Education (MPLE). The ASDS is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credit(s)[™]

The ASDS designates this live activity for a maximum of 10.5. *AMA PRA Category 1 Credit(s)[™]*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACGME/ABMS Desirable Physician Attributes / Competencies

The ASDS acknowledges the need for CME content to be designed within the context of desirable physician attributes as expressed by the ACGME/ABMS Core Competencies and the Dermatology Residency Committee. Aligned with Criterion #6 of the Accreditation Council for Continuing Medical Education's Provider Requirements for CME, the content of this educational activity has been developed to address the ACGME/ABMS Core Competencies:

- **Patient Care** that is compassionate, appropriate and effective for the treatment of health problems and the promotion of health.
- **Medical Knowledge** about established and evolving biomedical, clinical and cognate (e.g., epidemiological and social behavior) sciences and the application of this knowledge to patient care.
- **Practice-based Learning and Improvement** that involves investigation and evaluation of their own patient care, appraisal and assimilation of scientific evidence, and improvement in patient care.
- **Interpersonal & Communication Skills** that result in effective information exchange and teaming with patients, their families and other health professionals.
- **Professionalism** as manifested through a commitment to carry out professional responsibilities, adherence to ethical principles and sensitivity to a diverse patient population.
- **Systems-based Practice** as manifested by actions that demonstrate an awareness of and responsiveness to the larger context and system for health care and the ability to effectively call on system resources to provide care that is of optimal value.

Disclosure of Relevant Financial Relationships

The ASDS controls the content and production of this live CME activity and attempts to ensure the presentation of balanced, objective information. In accordance with the Standards for Commercial Support established by the ACCME, faculty, staff and any others involved in planning the educational content must disclose any relationship they and their first-degree relatives have with commercial interests which may be related to their content. The ACCME defines "relevant financial relationships" as financial relationships in any amount occurring within the past 12 months that create a conflict of interest. All faculty and planners are required to complete disclosure and attestation forms.

Faculty are also requested to make a verbal disclosure at the start of their presentation(s), supplemented by a disclosure slide to ensure that this information is shared with attendees prior to the start of an educational activity. **Faculty and planner disclosures are listed at the end of the program. Note: attendees are required to disclose relevant financial relationships if they participate in discussion during an educational activity, e.g., question-and-answer sessions.**

The intent of disclosure is to provide attendees with information so that they can make their own determination whether or not disclosed relationships influenced the content of an educational activity.

Resolution of Conflicts of Interest

The ASDS is committed to providing an open forum for the exchange of ideas and methodology for dermatologic surgery and related basic sciences, as well as ensuring that the content of its educational activities are scientifically based, accurate, current, and objectively presented. The ASDS has developed policies that will resolve all conflicts of interest prior to the educational activity being delivered to attendees.

Unapproved Use Disclosure

The ASDS requires that faculty disclose to attendees when off-label use of products or procedures are being discussed (not approved for the indications being discussed) or experimental and/or investigational (not FDA-approved). These disclosures are intended for continuing medical education, not to promote off-label use of products/procedures. If attendees have questions they should contact the medical affairs department of the manufacturer for the current approved use information.

Commercial Support Disclosure

The following commercial interests provided support in the form of an educational grant for this course, at time of publication:

- Merz North America, Inc.
- Solta Medical

Disclaimer

Attendees understand that medical knowledge is constantly evolving, and that the views and techniques of faculty are their own and may reflect innovations and opinions not universally shared. The views and techniques of faculty are not necessarily those of the ASDS and MPLE, but are presented to advance medical education and should be based on best available medical evidence. The ASDS and MPLE disclaim any and all liability arising out of information presented in this symposium, and also disclaim any and all liability for injury or other damage resulting in any way from attendance and participation in this educational activity.

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- Schedule and faculty are subject to change.
- No photos, video or audio recording is allowed without the permission of the organizers.
- By attendance and participation in this symposium, you agree to allow the organizers to use photos taken by approved photographers at this symposium for promotion of future symposiums.

Faculty and Planner Disclosures

Murad Alam, MD, MBA:** Serves as a Consultant at Pulse BioSciences.

Macrene Alexiades, MD, PhD: Serves on Advisory Board at Allergan, Candela; serves as an Investigator at Allergan, Candela, Biofrontera, Lumenis.

Andrew F. Alexis, MD: Serves on Advisory Board at Leo, Novartis, Menlo, Galderma, Pfizer, Sanofi-Regeneron, Dermavant, Unilever, Celgene, Beiersdorf, Valeant, L'Oreal, Bristol Myers-Squibb, Menlo, Scientis, Valeant (Bausch Health); serves as a Consultant at Leo, Novartis; serves as an Investigator at Leo, Novartis, Almirall, Bristol Myers-Squibb, Celgene, Menlo, Galderma, SkinMedica, Valeant (Bausch).

R. Rox Andersen, MD:** Serves on Advisory Board at Avava and Blossom Innovations; serves as a Consultant for Blossom Innovations; Cytrellis Biosystems, Follica, MOE Medical Devices, NexGen Jane, Olivo LLC, Quanta Aesthetic Lasers, R2 Dermatology, STGS Innovations, SevenOaks Biosystems, Seventh Sense Biosystems, Sofregen Medical and Strata Skin Sciences; is a Stockholder at Avava, Blossom Innovations, Cytrellis Biosystems, Follica, MOE Medical Devices, NexGen Jane, Olivo LLC, Quanta Aesthetic Lasers, R2 Dermatology, STGS Innovations, SevenOaks Biosystems, Seventh Sense Biosystems, Sofregen Medical and Strata Skin Sciences.

Kenneth A. Arndt, MD:** Has Ownership Interest in Photomedex.

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Brian S. Biesman, MD, FACS: Serves on the Advisory Board at Allergan, Cytrellis, Galderma, Merz, Plasmend, Revance, Sienna; serves as a Consultant at Allergan, Cytrellis, Merz, Galderma, Sienna, Revance, L'Oreal, Brera, Intraderm, Zimmer, Suneva, Accure, Bain, GLG, Evolus, Plasmend; serves as an Investigator for Allergan, Cytrellis, Galderma, Merz, Sienna; serves as a Speaker at Allergan, Galderma, Merz, Revance; has received free or discounted equipment from Cutera, Syneron-Candela.

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Anne M. Chapas, MD: Serves on the Advisory Board at Syneron; serves as a Consultant for Syneron, Merz, Galderma, Revance; serves as an Investigator for Aclaris, Dr. Rogers, Endymed, Syneron, Alastin, Hydrafacial, Athenax, Dusa, Cutera; serves as a Speaker for Allergan.

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Matthias B. Donelan, MD: Serves as a Consultant for Malinkrodt; serves as a Speaker at Lumenis.

Jeffrey S. Dover MD, FRCPC:** Serves on the Advisory Board at Allergan, Cynosure, Cutera, Zeltiq, Bausch and Lomb, Revance, Sienna, Vyome, Follica (biotechnology), L'Oreal, Soliton; serves as a Consultant at Allergan, Cynosure, Cutera, Zeltiq, Bausch and Lomb, Revance, Sienna, Vyome, Follica (biotechnology), L'Oreal, Soliton; serves as an Investigator at Allergan (neuromodulators, fillers, fat saponification), Cutera (Lasers, lights), Cynosure (lasers, lights), Bausch and Lomb (neuromodulators, fillers), Shaser (IPL hair removal), Bausch and Lomb (lasers, lights), Syneron Candela (lasers, lights), Lumenis (Lasers, lights), Revance (neuromodulator), Zeltiq (Allergan) (body contouring), Evolus (neuromodulators, fillers), Sienna (Lasers and biotechnology), L'Oreal; serves as a Speaker at Cutera, Allergan; has Ownership Interest at Follica (biotechnology); received free or discounted equipment from Cutera, Cynosure, Lumenis, Palomar, Syneron, Allergan, Bausch and Lomb.

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Paul M. Friedman MD: Serves on the Advisory Board at Allergan, Solta, Syneron-Candela; serves as a Consultant at Merz North America; serves as an Investigator at Sienna, Syneron-Candela; serves as a Speaker at SkinCeuticals.

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Leok C. Goh, MD: Serves on the Advisory Board at Cantabria Labs Madrid.Spain; serves as a Consultant at Neoasia Singapore Pte Ltd; serves as an Investigator at Cantabria Labs, Madrid, Spain; serves as a Speaker at Neoasia Singapore Pte Ltd: Candela Corp.

Merete Haedersdal, MD, PhD: Received a Research Grant from Leo Pharma, Lutronic, Novoxel, Procter and Gamble, Sebacia; has received loan of equipment from Cynosure-Hologic, Lutronic, Novoxel, PerfAction Technologies.

Sara Hogan, MD: no financial relationships exist with commercial interests.

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Omar Ibrahim, MD, PhD: Serves on the Advisory Board at Lutronic, Cutera, CoolSculpting; serves as an Investigator at Cutera; serves as a Speaker at Cutera, Lutronic, Candela; have Ownership Interest with Cutera, Allergan, Revance.

Michael S. Kaminer, MD: Serves on the Advisory Board at Soliton, Allergan; serves as a Consultant at Endo, Arctic Fox, Exploramed, Solta, Musculoskeletal Transplant Foundation, L'Oreal; serves as an Investigator at Galderma, Soliton, Arctic Fox.

Prasanthi Kandula, MD: no financial relationships exist with commercial interests.

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Kristen Kelly, MD: Serves as a Consultant at Candela, FDZJ, Sciton; serves as an Investigator at Allergan, Aclaris; serves as a Speaker at Sciton; received free or discounted equipment from Vivosight, R2Derm, Sciton, ThermiRF.

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Zakia Rahman, MD: Serves on the Advisory Board at Allergan (Zeltiq), Lumenis, Solta; serves as a Consultant at KKR & Co.; serves as a Speaker at Solta; has received free or discounted equipment from Sciton, Lumenis, Solta Medical.

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