ASDS VISITING PROFESSOR PROGRAM

R. ROX ANDERSON, MD

Massachusetts General Hospital
Department of Dermatology
Wellman Center for Photomedicine
55 Fruit Street, Building 2
Boston, MA 02114-2621

If you are interested in having Dr. Anderson visit your program, please contact him directly to set up a visit. Scheduled visits are based on a first request, first serve basis along with geographic location.

- Area of Dermatologic Surgery Expertise: Lasers
- State in which I am licensed: Massachusetts
- Preferred Time to Participate: Weekdays
- Contact Information:
  - Email: Assistant, Beverly Dammin – *bdammin@partners.org*
  - Phone: (617) 726-3308
  - Fax: (617) 726-6121
- Disclosure:

Company Name	Type of Relationship
Follica (startup company)	Stockholder
Living Proof	Stockholder
Massachusetts General Hospital	I receive royalties from inventions for which my employer, Mass General, holds the licenses and patents.
PhotoMedex	Stockholder
Syris Scientific	Royalties
Zeltiq	Research Grant

- The intended outcome for my visit would be*)*: The intended outcome of my visit is improved knowledge, critical assessment, and practical clinical skills regarding laser and other energy –based treatments. These have become "mainstream" for treatment and to some extent diagnosis or surgical guidance for treatment of skin diseases, and are also a fast-moving subset of dermatology. It is important to critically assess the evidence for and against specific applications of these devices. The present state of research and development, including unsolved and pesky problems that we should be working on, is a pleasure to discuss, through informal Q&A with dermatologists and residents.

- Mini-CV: *see below*

Curriculum Vitae

R. ROX ANDERSON, MD

Rox Anderson, MD is a Professor in Dermatology at Harvard Medical School, and Director of the Wellman Center for Photomedicine at Massachusetts General Hospital. This is the world's largest laboratory dedicated to biomedical uses of light. He is also an Adjunct Professor at M.I.T., where he teaches graduate courses in the Division of Health Sciences and Technology.

Dr. Anderson conceived and co-developed the concept of microscopic target-selective laser therapy. Lasers now in widespread use for pediatric portwine stains, pigmented lesions, tattoos and hair removal came from this work. He recently co-invented fractional laser treatment, the first use of laser microbeams for skin treatment. He also contributed to development of lasers for lithotripsy, cardiovascular and eye diseases. Based on the natural entity of neonatal cold-induced fat necrosis, he recently led the development of selective cryolipolysis, which uses cold cycles to preferentially remove adipose tissue. He co-invented the confocal laser scanning microscope for human skin imaging.

Dr. Anderson has authored over 300 research publications related to skin optics, human photobiology, lasers and skin diseases.