



Dermatology Grand Rounds

Visiting Professor Lecture Yale School of Medicine

Presented by: Yale School of Medicine's Department of Dermatology

SEWON KANG, MD

Noxell Professor of Dermatology
Chairman, Department of Dermatology
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Johns Hopkins Medicine

Presents:

Harnessing Ultraviolet Light to Induce Anti-sclerosis in Human

February 7, 2018 – 10:00 a.m.

Fitkin Amphitheater, LMP 1094
789 Howard Avenue

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

TARGET AUDIENCE

The target audience for the Dermatology Grand Rounds is composed of attending physicians, residents, fellows, medical students, nurses, and other health care providers.

NEEDS ASSESSMENT-Photodermatology is an academic field that studies both the beneficial and harmful consequences of solar radiation on human skin. Formal teaching in this area in dermatology residency is rather limited. According to the Association of Professors of Dermatology, other than referring patients to phototherapy units for treatments, many dermatology residents have suboptimal knowledge in the principles of phototherapy, let alone photodermatology. The two lectures being prepared will provide scientific information related to human skin responses to different wavelengths of solar radiation (UVB, UVA1, UVA2, infrared and visible light)^{1 3}.

Based on evidence, potential therapeutic use of specific wavelengths will be discussed.

¹*J Dermatol Sci* 2016; 82(3): 212-214; ²*Br J Dermatol* 2014;171(5): 1156-63

³*JAMA Dermatol* 2014;150(4):401-406

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

1. UV effects on human dermal matrix turnover
2. Effects of skin pigment on UV, infrared and visible light
3. Evidence-based approach to degrade unwanted collagen by UVB and UVA1

CME CREDIT

The Yale School of Medicine designates this educational activity for 1 *AMA PRA Category 1 Credit(s)*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURES

Sewon Kang, - NONE

Richard Edelson, Course Director -Transimmune, AG

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This course will fulfill the licensure requirement set forth by the State of Connecticut. ***There is no corporate support for this activity.***