



Published Clinical Studies and Articles

Acne studies

Shnitkind Elaine, Yaping E., Green Susan, Shalita Alan R., Lee Wei-Li; Anti-inflammatory properties of narrow-band blue light. *Journal of Drugs in Dermatology*. 2006.

Rutledge, Barbara J; Acne relief.- PDT combination effective for recalcitrant acne vulgaris. *Dermatology Times*. 2003.

Ceiley, Roger I; Advances in the topical treatment of acne and rosacea. *Journal of Drugs in Dermatology*. 2004.

Nestor, Mark Steven; Combination therapy in clinical and cosmetic dermatology: the marriage of device and drug. *Journal of Drugs in Dermatology*. 2004.

Lee SY, You CE, Park MY; Blue and red light combination LED phototherapy for acne vulgaris in patients with skin phototype IV. *Lasers in Surgery and Medicine*. 2007.

Acne articles

Allyn, Jennifer; Acne And Rosacea Getting You Down? Laser, Light And Cosmetic Treatments Give Patients A Much Needed Boost. *American Academy of Dermatology*. 2008.

Author unknown; High-Tech Acne Treatments Light the Way for Future Long-Term Solution to Common Skin Condition. *American Academy of Dermatology*. 2007.

Author unknown; Light therapy 'best for acne'. *British Journal of Dermatology*. 2000.

ALA – PDT Rejuvenation Studies

Gold, Michael H; Photodynamic therapy. *Journal of Drugs in Dermatology*. 2007.

Gold Michael H., Biron, Julie A., Boring Molly, Bridges Tancy M., Bradshaw Virginia L.; Treatment of moderate to severe inflammatory acne vulgaris: photodynamic therapy with 5-aminolevulinic acid and a novel Advanced Fluorescence Technology pulsed light source.(Clinical report) *Journal of Drugs in Dermatology*. 2007.

Hongcharu W et al; "Topical ALA-photodynamic therapy for the treatment of acne vulgaris." *Journal of Investigative Dermatology*. 2000; 115(2):183-92.

Boring, Molly; Bradshaw, Virginia Lee; Bridges, Tancy M.; Gold, Michael H.; ALA-PDT and blue light therapy for hidradenitis suppurativa. *Journal of Drugs in Dermatology*. 2004.

Guttman, Cheryl; ALA-PDT most effective with blue light, study shows. *Dermatology Times*. 2006.

ALA-PDT Articles

Gillette, Bill; ALA-PDT, IPL combine for safer, faster acne tx. *Dermatology Times*. 2005.

Wilson, Fred; 5-ALA, PDT offer option for cystic acne. *Dermatology Times*. 2005.

Anti-Aging Studies

Russell B et al; 'A study to determine the efficacy of combination LED light therapy in facial rejuvenation'. *Journal of Cosmetic and Laser Therapy* volume 7 issue 3/4.

Anti-Aging Articles

Schwanke, Jane; Aging skin sees the light: LED phototherapy smoothes wrinkles, increases collagen without pain, heat, risk. *Cosmetic Surgery Times*. 2004.

Guttman, Cheryl; LEDs rejuvenate without thermal injury. *Cosmetic Surgery Times*. 2002.

Wound Care Studies

Hourelid Nicolette, Abrahamse Heidi; Effect of NASA Light-Emitting Diode Irradiation on Molecular Changes for Wound Healing in Diabetic Mice. *Journal of Clinical Laser Medicine and Surgery* volume 21. 2003.

Trelles M & Allones I; "Red light-emitting diode (LED) therapy accelerates wound healing post-blepharoplasty and periocular laser ablative resurfacing". *Journal of Cosmetic and Laser Therapy*. 2006; 8: 39-42