

**The effect of polarized light in the healing process of pressure ulcers**

Research Paper, International Journal of Nursing Practise 2002; 8: 49-55

**The use of polarised polychromatic non-coherent light alone as a therapy for venous leg ulceration**

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M. Lens, MD, Plastic Surgeon, University of Oxford, The John Radcliffe NHS Trust, Oxford, UK., Journal of Woundcare, Vol 12 NO 1, January 2003

**Activation of Angiogenesis Under Influence of Red Low Level Laser Radiation**

Levon Gasparyan, Grigory Brill, Anu Makela

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Laser Florence 2004

**Enhancement of the blood growth promoting activity after exposure of volunteers To visible and infrared polarized light.**

Part I: stimulation of human keratinocyte proliferation in vitro

Kira A. Samoilova, Olga N. Bogacheva, Ksenya D. Obolenskaya, Miralda I. Blinova, Natalya V. Kalmykova and Elena V. Kuzminikh

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**Direct stimulatory effect of low-intensity 670 nm laser irradiation on human endothelial cell proliferation**

A. Schindl, H. Merwald, L. Schindl\*, C. Kaun and J. Wojta

British Journal of Dermatology, Volume 148 Issue 2 Page 334 - February 2003

**Systemic mechanisma of anti-inflammatory, immunomodulating, and wound healing effects of visible and infrared light.**

Summary of the significant articles from WALT 2002:

Antipodean perspectives of the World Association for Laser therapy (WALT), Conference, June 27-30, Tokyo, Japan.

**Verbesserung der Mikrozirkulation durch Bestrahlung mit Q.Light®**

Medizinische Studie 2005/06

Rapid improvement of systemic and local microcirculation after irradiation of diabetic patients with polychromatic visible and infrared (IR) light

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\*) Alle aufgeführten Studien, Abstracts und Conclusions können auf Wunsch zur Verfügung gestellt werden.

## Studien\*) zu Indikationen: Wundheilung (II)

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### **The effect of polarized-light on wound healing**

S. Monstrey, H. Hoeksema, H. Saelens, K. Depuydt, M. Hamdi, K. Van Landuyt and P. Blondeel

Department of Plastic Surgery, University Hospital Gent, Belgium

Published: European Journal of Plastic Surgery – 2000

### **A conservative approach for deep dermal burn wounds using polarised-light therapy**

S. Monstrey, H. Hoeksema, H. Saelens, K. Depuydt, M. Hamdi, K. Van Landuyt and P. Blondeel

Department of Plastic Surgery, University Hospital Gent, Belgium

Published: British Journal of Plastic Surgery – 2002

### **On the mechanism of enhancement of wound healing by visible incoherent polarized light:**

stimulation of the human keratinocyte and fibroblast proliferation in vitro by soluble factors of the circulating blood.

M.I.Blinova, K.A.Samoilova, N.M.Yudintzeva, N.M.Kalmykova: Published: 8th Congress of European Society for Photobiology.

Book of Abstracts, P108, p.145, Granada (1999).

### **Effect of NASA Light-Emitting Diode (LED) Irradiation on Wound Healing**

Cevenini V, Stinson H, Ignatius R, Martin T, Cwiklinski J, Philippi AF, Graf

WR, Hodgson B, Gould L, Kane M, Chen G, Caviness J

Published: Journal of Clinical

Laser Medicine and Surgery. 2001;19:305-314

\*) Alle aufgeführten Studien, Abstracts und Conclusions können auf Wunsch zur Verfügung gestellt werden.