

Global Wound Care Congress

September 12-13, 2016 San Antonio, USA

APPLIANCE BIOPTRON LIGHT IN THE TREATMENT OF CHRONIC WOUNDS: COAST BENEFIT FOR PATIENTS AND SOCIETY

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Chronic Wounds different etiology are important medical problems and major cause of morbidity in the population. Studies have shown that 5%-8% of the world population suffers from venous disease Etiology of ulcers: 72% venous, 14% venous/arterial, 8% arterial, 6% other. Main etiological factors are venous stasis, tissue hypoxia and blockade of fibrin. Normal blood circulation is very important for not only the strong body, but also the vigorous spirit. Disharmony of blood and Qi resulting in various diseases. Six million days of work lost in the United States because of complications of chronic venous insufficiency in European countries, the treatment cost of venous ulcers has been estimated to range from 1% to 2% of annual health care budget. Modern light therapy includes visible light & part of the infra-red region which contains a range of wavelengths (480-3400nm) therapy and produces a biological response PHOTOBIOSTIMULATION. Incident on the skin surface exerts a stimulatory effects on metabolism, circulation, cell regeneration and cell function.

How does it work?

1. Causes dilatation of blood vessels in the area treated
2. Increased delivery of oxygen
3. Improved local blood flow
4. Increased delivery of nutrients
5. Increased microcirculation and biostimulation
6. Promotion of healing
- Increased protein synthesis.
7. Patients didn't have pain.
8. .Faster healing of ulcers

What is cost benefit ?

1. Complete the heal up.
2. Less infection, eradications in some case of MRSA
3. Reduce infection, time of hospitalization and length antibiotic therapy
4. Improve Quality of life important, like supplementary or monotherapy in cases that were resistant to the other therapy and natural noninvasive therapy
5. Lead to healing in cases which were supposed to be treated surgically
6. Holistic effect.

Biography

Jasmina Begic finished postgraduate study at the Sarajevo University Medical School of Medicine. She is the Medical Consultant for BIOPTRON, Zepter International for Bosnia and Herzegovina, Founder of the Association for Wound management in B&H, Founder and author of Euro-Asian Forum, one of founder of Balkan Wound Management Association. She is member of EWMA Cooperating Organisations Board.

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