

International Conference on

WOUND CARE, TISSUE REPAIR AND REGENERATIVE MEDICINE

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Eliaz Babaev

Arobella Medical LLC, USA

Qoustic wound therapy system from Arobella Medical LLC

Purpose: Lately Ultrasound wound treatment devices has been shown grate results in hospitals, clinics; wound care centers and doctors' offices. Among these devices Qoustic Wound Therapy System from Arobella Medical, LLC. successfully being used in Medical practice. The purpose of this presentation is to demonstrate advantages of QWTS on models *IN VITRO* with safety and high efficacy in Wound Management.

Methods: For wound treatment purposes, the patented low frequency QWTS as an ultrasound wound treatment device have been used in US and internationally. Intention of this workshop to show role and advantages of patented sharp cutting edge of device in precise and selective fragmentation and volume removal of unwanted tissues on piece of fresh meat and oranges. Contact and non-contact wound treatment modalities with and whit out of acoustic cavitation will be demonstrated as well. Difference of qurretes and design, parameters of ultrasound waves in treatment process will be shown to attendees.

Results: Contact and non-contact wound treatment modalities with and whit out of acoustic cavitation will be demonstrated

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Discussion/Conclusion: Arobella Medical's QWTS as an Ultrasound wound treatment device and method recommended for use in treatment of all types of wounds; depending on size, depth, infection, treatment time and other conditions will be discussed.

Speaker Biography

Eliaz Babaev, Co-Founded Arobella Medical, LLC in 2006 and serves as its Chief Executive Officer and President. Dr. Babaev Co-founded Celleration Inc. and served as its Chief Technical Officer until July 2009 and Chief Executive Officer. Dr. Babaev worked as an ultrasound system design engineer and research scientist for DiaSorin, Inc., SpectRx, and AeroPag-USA, Inc. He served as the Head of Biomedical Engineering Laboratory and a Professor for State Technical University, Baku, USSR for 25 years. Dr. Babaev has more than 40+ years expertise in non-imaging medical ultrasound and particularly in ultrasound wound management, live tissue repair and in all the areas of advances in skin, wound care, nursing, tissue science, drug delivery systems, wound treatment technologies, tissue engineering, and body architectonics research and cancer research including apoptosis. 50+ US and 100+ Worldwide Patents are issued, numerous are pending, 50+ scientific articles, abstracts are published.

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