

Wake Forest Surgeon Awarded 1st Prize for Presentation Summarizing First-in-Human Burn Data Collected with DeepView Wound Imaging System 2.0

Atlanta, GA, November 6, 2016 – Spectral MD™, a medical device imaging company, announces that Konstantinos Chouliaras, M.D., a resident physician in general surgery at Wake Forest University, has been awarded First Prize in the Resident/Fellow Oral Presentation category at the 2016 Southern Region Burn Conference. Dr. Chouliaras was awarded the prize for his presentation entitled, “First-in-human use of a novel photoplethysmography imaging device to investigate blood flow in the microcirculation of burn wounds,” which he co-authored with senior burn surgeons at Wake Forest as well as Spectral MD scientists.

The findings reported by Dr. Chouliaras detailed the initial results of the WISCR (Wound Imaging System to Collect clinical References) Trial conducted at the Wake Forest Baptist Health Burn Center, under the direction of Dr. James Holmes, IV and Dr. Jeffrey Carter. Using the DeepView Wound Imaging System 2.0, these clinicians were able to non-invasively detect and quantify blood flow in the microcirculation of a variety of burn wounds. Building upon pre-clinical investigations performed by Spectral MD, these clinical results suggest the DeepView Wound Imaging System 2.0 may be useful across the spectrum of burn care including during assessment of burn depth as well as detection of viable wound beds during debridement surgery.

The DeepView Wound Imaging System 2.0 is a portable device that produces images by extracting physiologic information from the interaction of light with the body. This digital analysis of optical signatures allows clinicians to look deeper into the body by delivering images of blood-flow and classifying various types of tissue present under the skin’s surface without ever touching the patient. Spectral MD’s imaging solution is a non-invasive technology, uses no harmful radiation, and allows for access to patients in most care environments due to its flexible portability.

Integrating the DeepView™ technology into a multitude of care facilities, including specialized burn centers throughout the United States, will produce a substantial benefit to the healthcare sector by dramatically reducing the overall cost to government and private insurers when treating burn victims as well as patients with a variety of other wound types.

Spectral MD is a recipient of a 5-year, \$14 million contract with the Biomedical Advanced Research and Development Authority, a division of the Department of Health and Human Services. The contract supports Spectral MD’s continued development of DeepView technology in order to improve the nation’s preparedness for a variety of emergencies.

About Spectral MD™

Spectral MD is a high technology systems company founded to make fundamental contributions to the improvement of healthcare delivery, operations, and patient outcomes. Spectral MD's solutions bring together advanced optical imaging systems with machine learning algorithms to enable physiologically-based patient imaging systems. For more information about Spectral MD and its team, please visit the website at <http://www.spectralmd.com>.

Contact Information

Spectral MD, Inc.
2515 McKinney Avenue, Suite 1000
Dallas, Texas 75201
info@spectralmd.com

News Image

