

SPECTROS MDI DEBUTS FLAP SAVING TECHNOLOGY

JUNE 01-04, 2022

Revolutionizing Tissue Oximetry

Not too far from their headquarters in Houston, Texas, the medical device company made their way to Cancun ready to promote the most innovative tissue oximetry technology on the market. With over 1,000 attendees gathered together from around the world attending the **11th Annual World Society for Reconstructive Microsurgery**. Spectros MDI returned to the world stage showcasing the T-Stat 2.0 Tissue Oximeter; released March 2020. WSRM had been postponed for a year due to the global impact of the COVID19 pandemic, postponing the annual WSRM conference until 2022. Spectros and their representatives were barred from healthcare facilities during the pandemic due to the hospital visitor restrictions set in place. "The pandemic impacted all aspects of the T-Stat experience. In response to the covid restrictions, our team created online training material, tutorial videos, virtual training and 24/7 access to all your cases." said Rob Pupelis, CEO.

Under new ownership Spectros MDI beginning April 2018 with a vision to create a new and improved patient monitoring system, allowing real-time monitoring from anywhere. During WSRM, the T-Stat booth offered live demos, selfie lights, coffee table books, and a sponsored mimosa hour!



Robert Pupelis (right) demonstrating how the intra-oral sensor can measure both tissue perfusion and systemic O2 with Visible Light Spectroscopy to a group of microsurgeons.

T-Stat 2.0 Tissue Oximeter is the leading medical device for monitoring tissue health. Using white light technology, the sensor is placed on the surface of the tissue, shines light into the flap and returns a signal that reflects the real-time oxygen delivery. Check out [spectros.com](https://www.spectros.com) to learn more about T-Stat and how you can request a demo or quote for your hospital today.



OUR COMPANY

Spectros Medical Devices Inc. makes advanced molecular sensing devices and software that shed light on tissue health and disease related to vascular performance. T-Stat is used to monitor tissue perfusion in reconstructive microsurgery cases. The system is non-invasive, causes no harm to the tissue or anastomosis and is easy to place. *T-Stat's success is a result of accuracy and reproducibility.* Our focus remains on improving patient outcomes, a dedication to advanced technology and providing the highest level of service for those in reconstructive microsurgery. With early detection by T-Stat, you can prevent failures, small and large.



Leia Cromwell (middle) educating attendees on the T-Stat 2.0 Oximeter.

Conference Calendar

09/22

LONDON BREAST MEETING 2022

📍 Royal College of Physicians, London

LBM 2022 will unite surgeons and practitioners from around the world to discuss the latest strategies, techniques and innovations.

01/23

AMERICAN SOCIETY FOR RECONSTRUCTIVE MICROSURGERY

📍 Miami, Florida

The American Society for Reconstructive Microsurgery (ASRM) serves "to promote, encourage, foster, and advance the art and science of microsurgery and complex reconstruction" and to establish a forum for teaching, research and free discussion of reconstructive microsurgical methods and principles.

03/23

MICROSURGERY IEP

📍 San Diego, California

This course is developed specifically for Microsurgery Fellows, Residents, and Young Surgeons on current topics on the practice of Microsurgery, as well as to assist them with the transition from Fellow to practicing surgeon.



Dr. Ken Otuoke

Guys & St. Thomas Hospital (UK)

Ms P. Mohanna/ MS M. Maleeha/ Mr K. Otuoke

Challenges in DIEP flap reconstruction in dark skin patients. How T-Stat VLS Tissue Oximetry monitors all skin tones without complications.

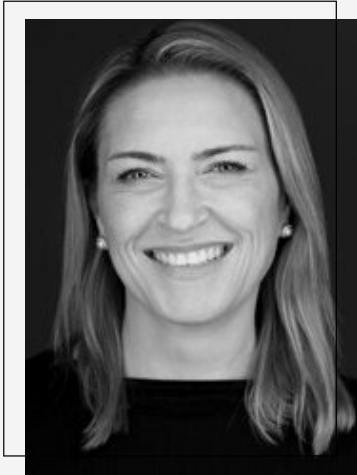
Post-Operative care remains a critical component in micro and reconstructive surgery. Dr. Ken Otuoke discussed the role and importance of free flap monitoring using T-Stat, a tissue oximeter using white light technology that monitors tissue health.

"You can use this device on any type of skin flap, dark or light skin tones, it works. The white light technology provides accurate readings, alerting you on the slightest change in StO₂ and Hemoglobin levels on all skin tones without complications." said Dr. Otuoke, MD.

Flap monitoring reduces the risk of flap compromise. Early detection of venous and arterial problems can be avoided using the T-Stat Oximeter, accurately measuring the Saturation and Hemoglobin levels in real time. Dr. Otuoke continues to study the tissue oximeter on the micro and reconstructive level, assessing the adequacy of oxygen delivery to tissue in dark skin patients.



MEET THE SPECTR^{OS} LEADERSHIP TEAM



ELIZABETH VAN THILLO
VP OF OPERATIONS



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LEIA CROMWELL
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