Tuesday, June 25, 2024

BioPhotonics
Bringing Light to the Life Sciences®

WEBINARS

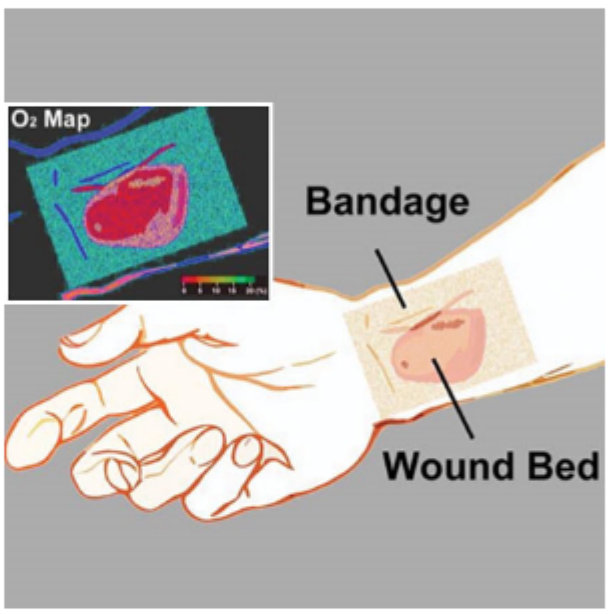
Join us for a FREE Webinar

Photonic Oxygen Sensing Tools for Health Care

Tuesday, July 9, 2024 1:00 PM - 2:00 PM EDT

Register Now

A central challenge in the clinical care of patients is the measurement of tissue oxygen. While numerous tools exist to measure aspects of tissue perfusion and oxygenation, such as doppler and NIR oximetry, these methods only indirectly provide information regarding oxygen content in tissue. Researchers have developed a platform technology based on ultrabright porphyrin photochemistry that enables direct, quantitative measurement of tissue oxygen concentration. They have also translated sensor, imaging, and implantable sensors to preclinical and clinical application for patient care challenges ranging from post-surgical monitoring to chronic wound care.



Upcoming Webinars

- The Heart of Gas Sensors: Novel IR Detectors for Gas Analysis, 6/27/2024 10:00:00 AM EDT
- Beam Steering with Galvos: Common Configurations and Their Uses, 7/24/2024 1:00:00 PM EDT

Archived Webinars

- Accelerating Time-to-Market with Semrock Optical Filters
- High-Performance PDH Locking with Reconfigurable Instrumentation
- Thermal Modeling of Lasers in Manufacturing Processes

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