

## MIMOSA Sponsored Learning:

# Imaging: The Catalyst for Change in Wound Care Delivery

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### The Wound Care Challenge<sup>1-5</sup>

Patients living with wounds often have to wait for months if not years to see a specialist – clinicians are often overwhelmed by the volume of patients they manage. Clinicians have been found to spend 40% of their time on documentation.. There is also an overwhelming amount of data.

### The Power of Diagnostic Imaging<sup>6-12</sup>

Imaging technologies enable clinicians to confidently connect the right patients to get the right care at the right time. The standardization of mammography for breast cancer screening in 1985 was monumental. Mammography made it possible for breast cancer to be detected and treated earlier, thus lowering mortality rates. It also allows clinicians monitor treatment progress and make adjustments as necessary.

Arterial duplex ultrasound is considered the gold standard for non-invasive peripheral arterial disease (PAD) detection. However, it is not always accessible. Non-invasive testing, like ankle-brachial index, is

the often the next-best option. The sensitivity for ABI in detecting PAD is like flipping a coin (57%).

What if there was technology analogous to mammography in wound

care? What if tissue perfusion can be measured and visualized at the bedside? What if clinicians can make prompt treatment decisions based on assessments at point-of-care.

### MIMOSA Diagnostics – Making The Invisible, Visible<sup>13</sup>

The MIMOSA Pro is a US FDA and Health Canada approved handheld imaging device that delivers 4 insights to wound care clinicians at the point of care. In seconds, the non-contact device can capture tissue oxygenation (perfusion), thermography (potential infections & high pressure areas), wound measurement (wound area reduction), and an HDR digital image for standardization over time. From assessing pressure injuries and monitoring diabetic ulcers to guiding offloading strategies, the MIMOSA Pro empowers clinicians to make confident, data-driven decisions about next steps in care. Clinicians also report that the device enhances patient engagement, as real-time visualizations help patients see the immediate effects of treatment. In one hyperbaric oxygen therapy clinic, integrating the MIMOSA Pro led to a 37% increase in patient engagement.

### References available on request

To access the full presentation, click here:



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Why **Diagnostic Imaging** as the Foundation?  
If we understand, we can transform.

Digital Image      Oximetry Image      Thermal Image

0% Oximetry Perfusion 100%  
RED: Healthy perfusion  
BLUE: Ischemic

22° Thermal Palette 100°F  
YELLOW: Hot  
PURPLE: Cold

With multimodal insights at the point-of-care, clinicians can confidently determine the best next steps in care sooner.

MIMOSA

**Dr. Karen Cross** is a Surgeon Scientist at Dalhousie University and the Innovator in Residence at the Nova Scotia Health Authority (NSHA). She provides expertise and assistance to NSHA to advance innovations in medicine and surgery throughout the continuum of care. She is a Plastic, Reconstructive & Aesthetic Surgeon with a specialization in Advanced Tissue Injury & Wound Care.