



**DETECT  
DIRECT  
PROTECT**

SNAPSHOT NIR

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# IMMEDIATE & ACTIONABLE WOUND CARE INSIGHTS





## Why wounds do not heal

- A lack of oxygen in the tissues leads to ischemia and tissue death
- Bacterial infection and biofilm stall healing progression
- Poor patient adherence to the treatment protocol

## Critical insights throughout the continuum of care

SnapshotNIR (KD205) is a non-contact near-infrared (NIR), reflectance-based technology that measures tissue oxygen saturation ( $S_tO_2$ ), oxyhemoglobin (oxy) and deoxyhemoglobin (deoxy) in individuals across most of the Fitzpatrick Skin Type (FST) scale, at any location on the body. Using multiple wavelengths of NIR light, SnapshotNIR measures relative amounts of oxygenated and deoxygenated hemoglobin in the micro-circulation. Snapshot provides users with tissue oxygenation images that can be used for tracking and trending oxygenation and evaluating tissue viability. Actionable data regarding the availability of oxygenated blood in tissue can help to provide critical decision-making insights throughout the continuum of care.<sup>1</sup>



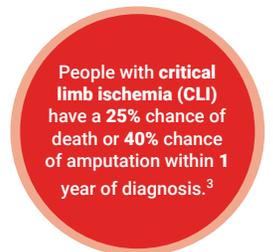
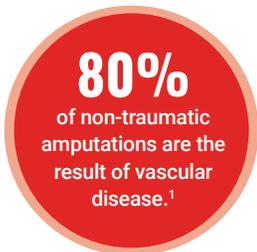
Understanding oxygenation of the microvasculature is a key to understanding potential tissue survival and healing. This added clinical information enhances therapeutic choices, which can lead to reduced complications and improved outcomes for patients and substantial time and cost-savings for practitioners and facilities.

## Traditional assessment methods are outdated



Wound care has been underserved concerning assessment technology. To put this into perspective, if a physician thinks you may have a broken arm, they will confirm this with an X-ray.

**Why would you not want a diagnostic tool to assess the capacity of a wound to heal?**



## Are you confident in your decision to amputate?

“To simply amputate a limb and not know whether or not you have enough oxygenation to heal is a fool’s game. You don’t want to amputate the same extremity multiple times. It’s expensive, debilitating and with poor patient outcomes.”

— Dr. Craig Walker, MD., Cardiovascular Institute of the South, LA



## Stop guessing

Clearly and easily document diagnostic insight to validate and support your treatment choices.

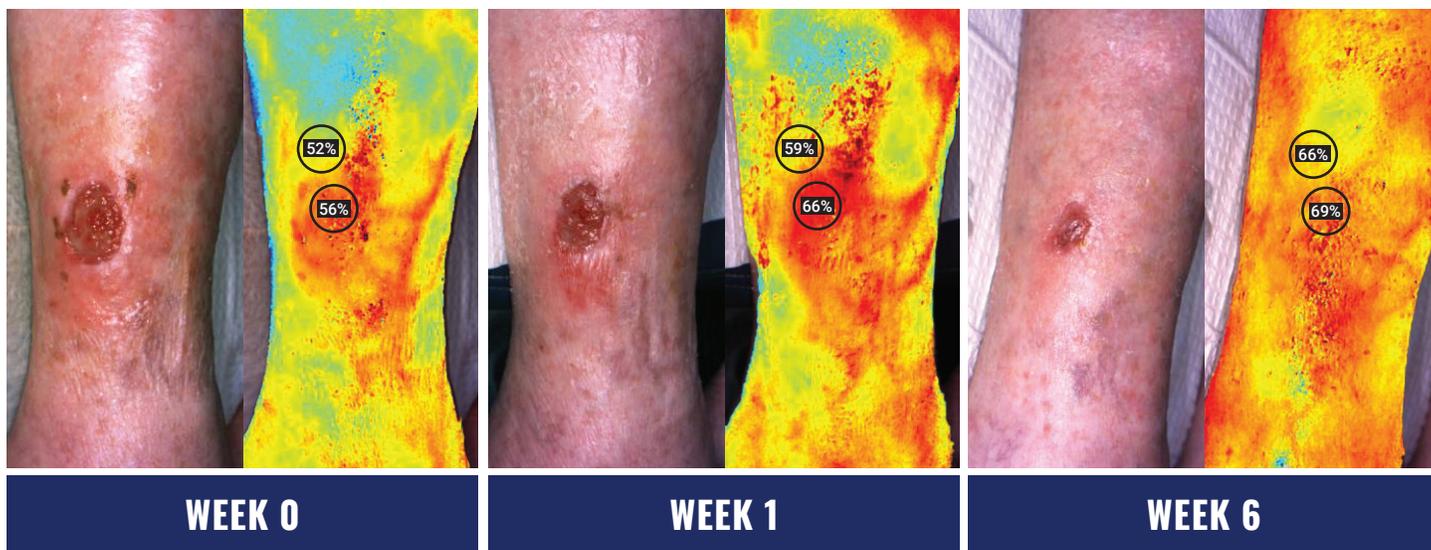
Practices and facilities are receiving ADRs, denials and claw backs. A well-documented medical record can facilitate effective revenue cycle processes, expedite payment, and reduce any “hassle” and time-management issues associated with claims processing and ensure appropriate reimbursement.

SnapshotNIR can provide compliance and financial teams with clear and specific documentation of clinical proof to mitigate risk.

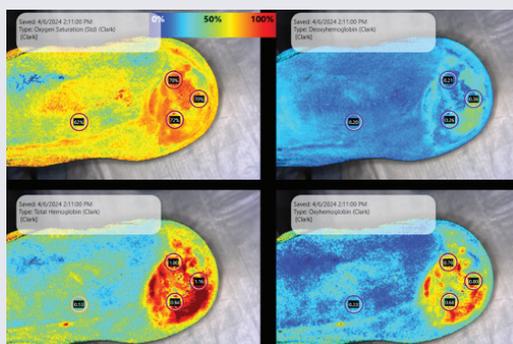
Sources: <sup>1</sup> Wound Care Awareness 2019 Infographic (Healogics) or Pasquina PF et al. Special considerations for multiple limb amputation. *Curr Phys Med Rehabil Rep* 2014 <sup>2</sup> Singh N, Armstrong D, Lipsky, B. Preventing Foot Ulcers in Patients with Diabetes. *JAMA*. 2005; 293(2): 217-228, Singh N, Armstrong D, Lipsky, B. Preventing foot ulcers in patients with diabetes. *JAMA* 2005; 293(2): 217-228, ; 2(4): 273-289 <sup>3</sup> Sanguily, J. Reducing amputation rates in critical limb ischemia patients via a limb salvage program: a retrospective analysis. *Vas Dis Manag* 2016; 13(5): E112-E119 <sup>4</sup> Armstrong DG, Tan T, Boulton AJM, Bus SA. Diabetic Foot Ulcers: A Review. *JAMA*. 2023;330(1):62–75. doi:10.1001/jama.2023.10578

# Is your treatment plan making an impact?

SnapshotNIR can help guide clinical decision-making by tracking and documenting actionable data for medical necessity, therapeutic efficacy, and outcomes—while easily integrating digital images into the patient record.



Serial imaging of a patient's wound as it progresses to closure with weekly therapy. Using SnapshotNIR's linear and area measurement function, it was documented that wound decreased in size from an area of 4.0 cm<sup>2</sup>, length = 2.6 cm and width = 1.7 cm at the start of treatment, to an area of 2.7 cm<sup>2</sup>, length = 2.2 cm and width = 1.7 cm one week later, to an area of 0.6 cm<sup>2</sup>, length = 0.8 cm and width = 0.6 cm after 6 weeks. You can also see improvements in tissue oxygenation levels in the wound (56%, 66%, and 69% at Week 0, Week 1 and Week 6, respectively) and in the peri-wound (52%, 59%, and 66%, and at Week 0, Week 1 and Week 6, respectively).



## One cannot always rely on S<sub>t</sub>O<sub>2</sub> alone

Gain additional critical insights that can aid in the understanding of a patient's wound healing trend.

SnapshotNIR's unique **hemoglobin view** displays the relative concentration of oxygenated and deoxygenated hemoglobin. This additional information compliments the S<sub>t</sub>O<sub>2</sub> value and can aid in the understanding of a patient's wound healing trend. Oxy and deoxy views can enhance clinical evaluation of tissue response to common clinical interventions: offloading, debridement, compression, hyperbaric oxygen therapy, CAMPs (CTPs), revascularization, shockwave therapy and ultrasound therapy.



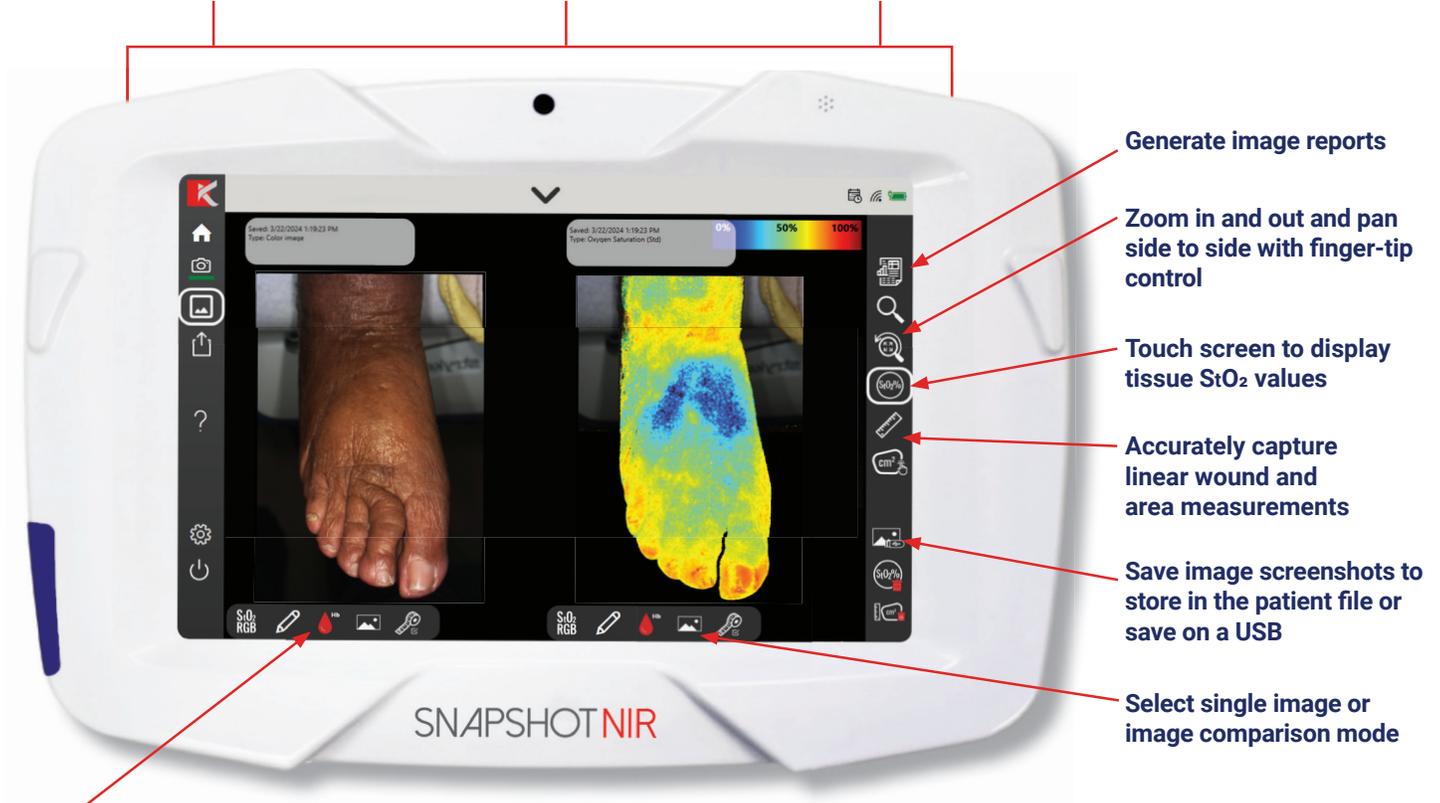
## Bedside assessment for immediate insight

- Measure S<sub>t</sub>O<sub>2</sub> in a broad range of skin tones on any part of the body
- Optimize wound bed preparation for application of advanced therapies
- Validate patient response to HBOT
- Expedite vascular referrals
- Document therapeutic effectiveness
- Document proof of medical necessity and outcomes for reimbursement
- Track wound healing progression with serial imaging
- Securely share image reports directly from the device
- View 2 images simultaneously for instant comparison, no desktop required
- Support patient adherence by showing progress in their healing journey
- Easy to learn and use and requires minimal training to operate

Simultaneous capture and comparison of clinical and StO<sub>2</sub> images

Immediate identification of healthy & at-risk tissue

Track and monitor treatment progress



Generate image reports

Zoom in and out and pan side to side with finger-tip control

Touch screen to display tissue StO<sub>2</sub> values

Accurately capture linear wound and area measurements

Save image screenshots to store in the patient file or save on a USB

Select single image or image comparison mode

Hemoglobin view: See relative amounts of oxyhemoglobin, deoxyhemoglobin, total hemoglobin and the overall oxygen saturation images on a single screen

- Turn device on and image. No calibration needed!
- Focus lasers ensure the same focal distance for every image
- Reimbursement (CPT® 0640T, 0859T, 0860T)
- FDA 510(k) cleared and HIPAA compliant

## ALL PATIENTS. ALL SETTINGS.

Improved use for darker-skinned patients.



**Schedule a trial today** | Contact Kent Imaging to learn more about SnapshotNIR



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