



MIMOSA

MULTISPECTRAL IMAGING IN POST-OP

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The Problem

POST Op Monitoring Made Easy

Assessing tissue health status can help eliminate flap failures. Post op monitoring of the flap and surrounding area is essential but also difficult and expensive to access. As such many surgeons rely on clinical judgment alone, which is not fool proof as poorly perfused skin flaps are often not clinically apparent until hours after surgery. Often by the point of clinical awareness the flap has failed and difficult to revive. MIMOSA Pro is a non-contact device, without the need for dyes or injected media, helps to detect and monitor tissue oxygenation and perfusion in skin flaps earlier. This identifies risk of failure and allows clinicians to intervene more quickly, helping to reduce complications and manage costs. MIMOSA's portability allows tissue assessment by "every" surgeon, providing non-invasive monitoring that can be done anywhere - in the PACU or ICU, on the floor, or even in the home.



Multispectral Imaging

MIMOSA Pro is a handheld device that uses near-infrared light to accurately and non-invasively assess tissue health. It can be easily used by a patient or a caregiver, and the images produced will help inform the next steps within patient navigation and management.

EASE OF USE

Portable and lightweight technology fits easily into your workflow. Both doctors and nurses can use it!

SAFE / NO - TOUCH

Non-invasive and COVID safe with no injectable dyes resulting in zero patient contact.

ACCURATE

Precise visualization of oxygen saturation for faster assessments and healing trajectory predictions.

ANY SKIN TONE

40% Global Population is NOT Caucasian. Built in control for skin melanin content. Overcomes systemic racial bias in healthcare.

ANY HEALTH SETTING

Portability and miniaturization permits utility in any healthcare setting directly by the patients side.

INSIGHT

Tissue health is determined by expert clinicians based on vascularity and oxygenation. Delays or lack of understanding of tissue health can lead to wounds, amputation, or even death.

RISK PROFILE

A means to track and document patient progress to improve clinical outcomes and mitigate risks early.

POINT OF CARE

A portable technology, driving efficiency and accuracy in the diagnostic capabilities of clinicians. The magic of this technology is that its skin pigment, clinical specialty, and care setting agnostic - hence providing equitable access.



With more accurate monitoring and early diagnosis, patients are getting better treatment, and as a result the failure rates can be reduced dramatically. Not only can this approach save tissue, but possibly lives. This emerging assessment and diagnostic tool will have huge impact in the management of patients receiving surgical procedures. MIMOSA Pro is going to change the way in which many of these patients are managed.