

The 18th Annual Cutting Edge Wound Care Symposium

November 14, 2025

2:45 PM - 3:45 PM

Beyond the Bedside: Exploring What's Next in Wound Care ***Franco Kraiselburd, Founder & CEO, Asclepii***

Franco represents the next generation of biomedical innovators. As the CEO and Founder of Asclepii Inc., he has led the development of a diverse pipeline of six medical technologies spanning seven countries and research institutions. Under his leadership, the company has secured over US\$1 million in non-dilutive translational grant funding, all driven by a shared mission to create impactful and globally accessible medical devices.

Franco designed his first biomedical prototype at just 14 years of age while conducting research at the University of São Paulo's Medical School. Having witnessed the challenges of a strained healthcare system firsthand, he has devoted his career to improving healthcare access across Latin America, translating cutting-edge research into real-world solutions that make a difference for patients and communities alike.



**Northeast Surgical
Wound Care**



Cutting Edge Wound Care: Today and Beyond

Where does the future of Wound Care lie?

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R&D Partners:



Funded & Supported by:



**CASE WESTERN RESERVE UNIVERSITY**
Bachelor of Science & Engineering,
Biomedical Engineering
'24

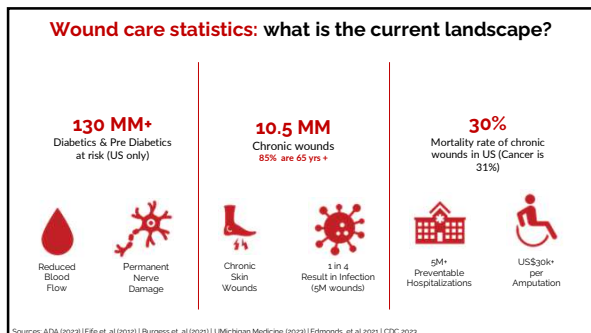
Franco Kraisselburd
CEO & Founder, Asclepi Inc.

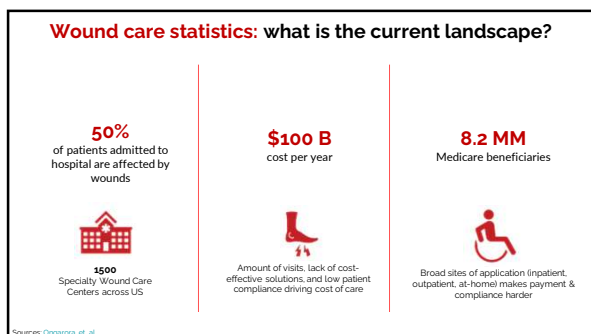


source: [Crain's Cleveland Business 20 in their 20s](#)



2024 2024





The bottom line:

Wound needs are intricate and expensive:

- Low patient compliance
- High patient comorbidity
- **Shifting reimbursement landscape**
- High patient & wound variability



Source: High Device Technology Ltd. (2021) | High Device Technology Ltd.

How will technology meet these needs?

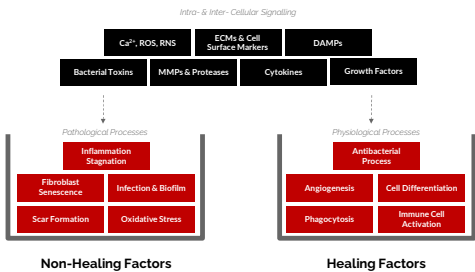
**\$127 per sq cm reimbursement
for Skin Substitutes**

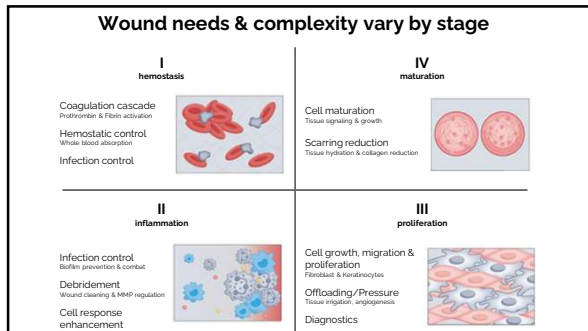
(vs \$1,500 avg on ASP + 6%)

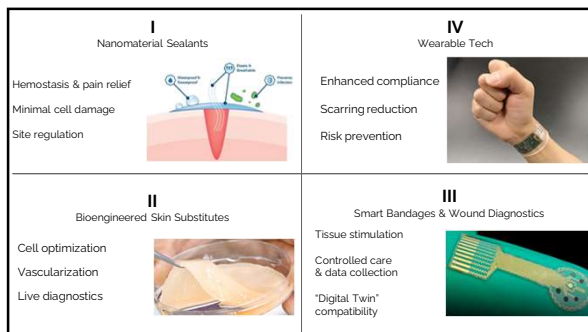
How will technology meet these needs?

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Wound Healing is a constant struggle for balance







Diving deeper: Swift Ray 1™
AI-Powered Wound Care

Thermal Imaging
No-contact, quantifiable heat maps

Seamlessly Connected
Integrates to iPhone and some Androids as well

Bacterial Imaging
Instant visualization of bacteria



SWIFT 

Diving deeper: Swift Ray 1™

AI-Powered Wound Care



Working principle:

- Compiled wound care data to enable proactive decision-making
- Connect interdisciplinary clinicians to increase visibility and collaboration
- Optimize clinician efficiency and improve documentation consistency

Diving deeper: Next-Gen Dressings & Skin Substitutes

Artemis™

End-to-end care - from Dressing to Skin Substitute, Hostile to Healed



ARTEMIS™ - Advanced Wound Matrix

- Superior Cell organization & growth
- Antibacterial + Antifungal effect
- Platform capabilities
- Pipeline that builds on itself

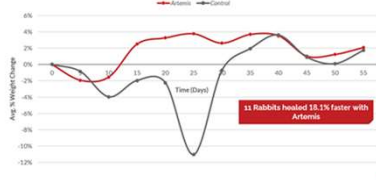
Diving deeper: Next-Gen Skin Substitutes

Artemis™

Live animal model shows Artemis heals 20% faster

Effect of Artemis matrix treatment on the weight of rabbits undergoing a life threatening condition

Weight loss due to dehydration of rabbits at 12, 24 hours following a 10% body surface wound



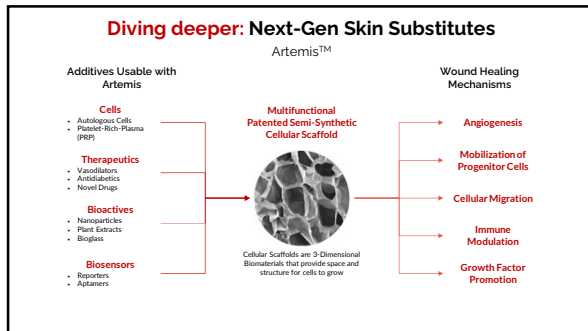
20% Faster Healing*

90% less scarring**

Superior, multidimensional wound management

11 Rabbits healed 18.1% faster with Artemis

Fuentes et al., "The effect of an autologous cellular gel matrix integrated implant system on wound healing" (2020) [16] *in rabbit study **when using Artemis cell therapy variant, data available upon request

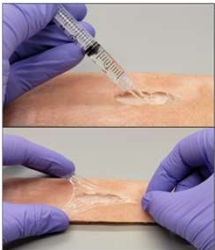






Diving deeper: Cleragel™

Inflammation control at first contact



'Pausing' Inflammation

Allowing for wound to 'pause' until appropriate care is available

Elastic Conformity

Unlike traditional gels, its novel structure allows for easy manipulation and adhesion to healthy skin only

Platform Potential

Ability to mix therapeutic compounds into gel



Diving deeper: Smart Wearable Sensors

Oura™



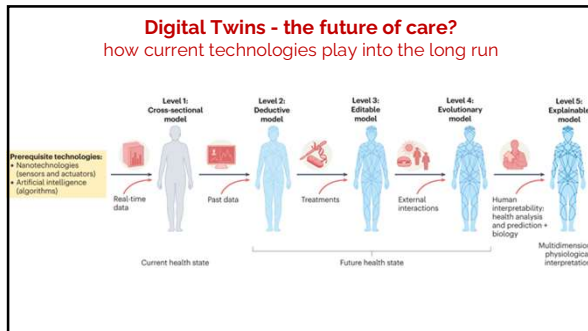
AI-Powered. Smarter Than Watches

Powered by machine learning, measuring 50+ metrics like sleep, heart rate, and activity 24/7 for effortless wellness insights. Tracks stress, recovery, women's cycles, pregnancy, and menopause—delivering personalized scores and tips to boost sleep quality, energy, and overall health.

Easy compliance & communication

Connecting 50+ metrics to wound outcomes can accelerate prognosis and diagnosis

Digital Twin potential at the 'tip' of your fingers?





What is needed for this innovation to happen?

What is needed for this innovation to happen?
YOU!





We understand wounds better than ever, and tech will accompany this growth

