



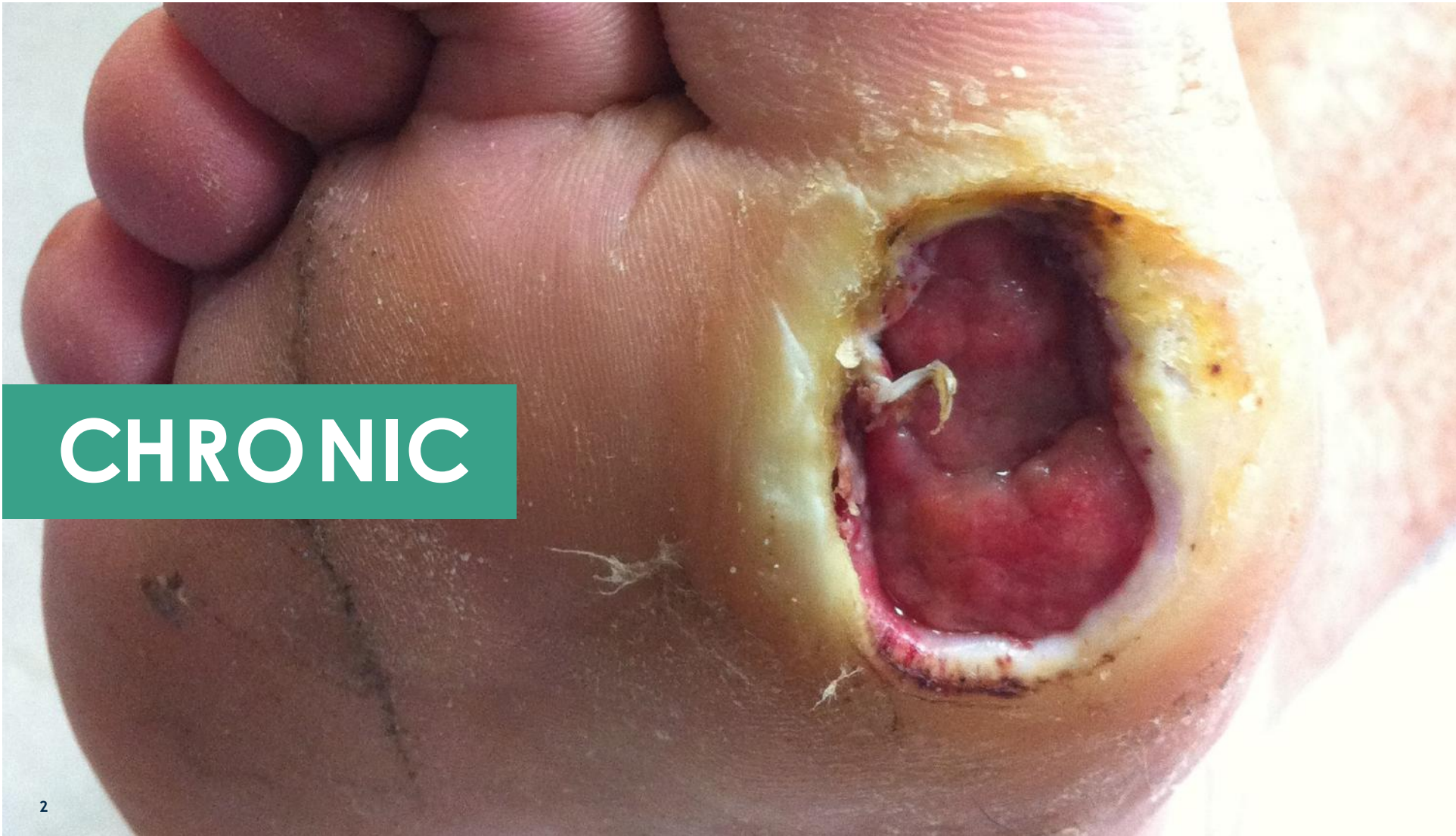
WOUNDVIEWER

3D WOUND DETECTION & TRACKING SYSTEM
POWERED BY ARTIFICIAL INTELLIGENCE

* COVERED BY PATENT



POLITECNICO
DI TORINO



CHRONIC

Chronic wounds affect over 2% of the worldwide population

2% OF WORLD WIDE POPULATION IS AFFECTED
BY CHRONIC ULCERS

Chronic skin wounds
\$40 BILLION
EXPENSE
in Europe



SOURCE: [HTTP://WWW.BRHMEDICAL.COM/ECONOMICS-OF-WOUND-CARE](http://www.brhmedical.com/economics-of-wound-care)

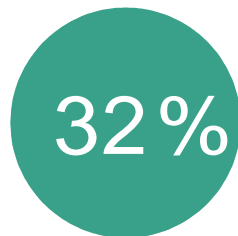
Wound measurement and monitoring are essential for healing

AN ACCURATE WOUND ASSESSMENT IN THE FIRST 4 WEEKS IS CRUCIAL*

If an ulcer does not improve in the first 4 weeks:



NEVER
HEALING



RISK OF
AMPUTATION**



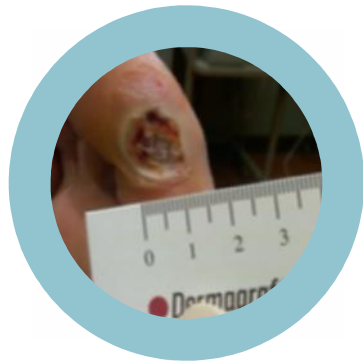
MORTALITY IN CASE
OF AMPUTATION***

Diabetes Care. 2003 Jun;26(6):1879-82.

Percent change in wound area of diabetic foot ulcers over a 4-week period is a robust predictor of complete healing in a 12-week prospective trial.

Sheehan P¹, Jones P, Caselli A, Giurini JM, Veves A.

Current standard of practice presents plenty of room for improvement



RUDIMENTAL &
INACCURATE

40% ERROR



INVASIVE
AND

PAINFUL



STORAGE IN PAPER
FOLDERS

DATA LOSS



TIME
CONSUMING

20 MINUTES

Our Click-and-Go mobile solution: the Wound Viewer

CLICK AND GO MOBILE SOLUTION

TRIALED ON

500

PATIENTS

CLASS

1

**PATENTED
EPO & US
(Extended)**



AI Algorithm



WV Device



Mobile
APP

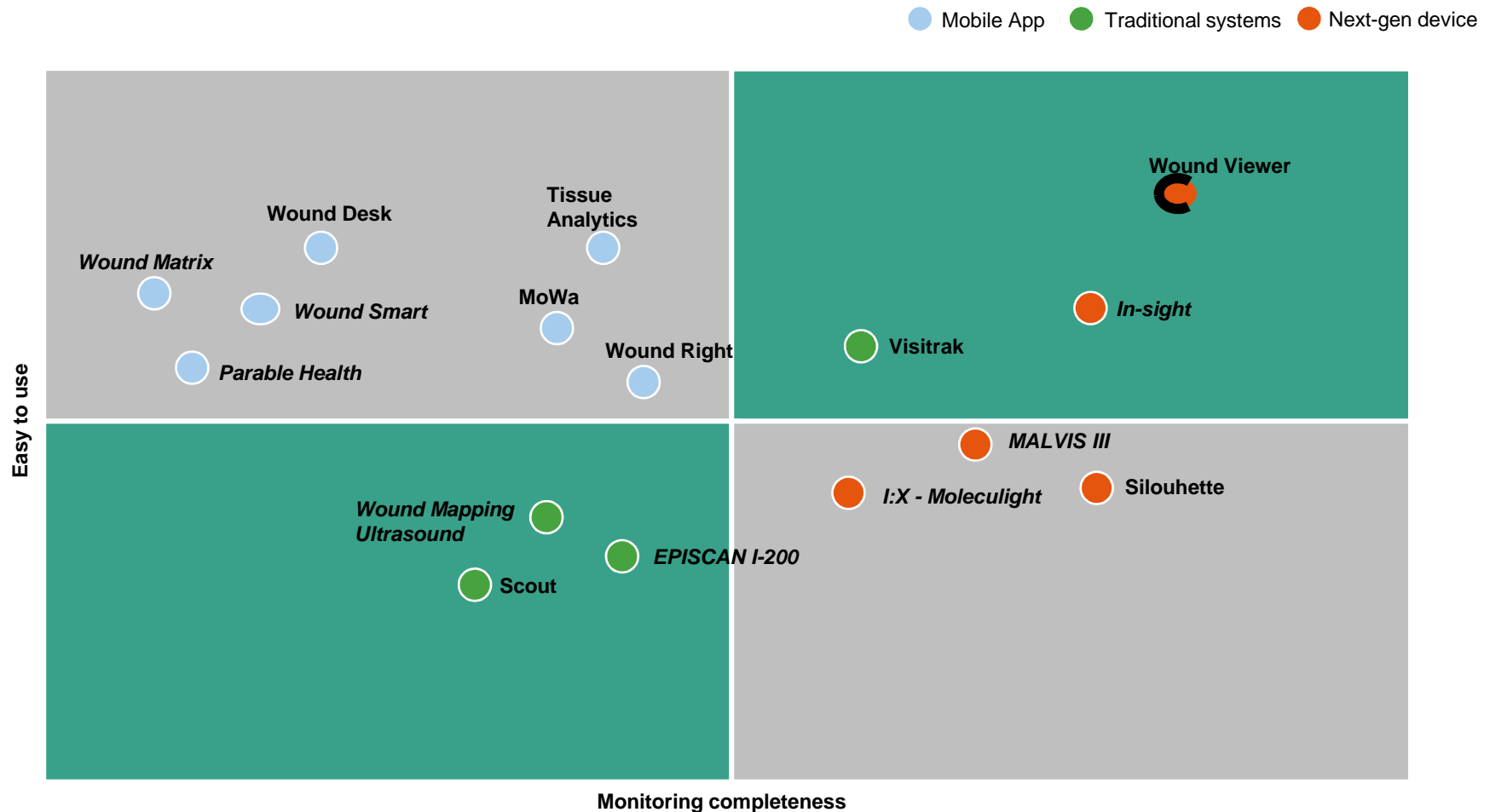


Cloud
Platform

**94% ACCURACY
(+/- 4%)**

* "DISPOSITIVO E PROCEDIMENTO DI ACQUISIZIONE DI IMMAGINI MEDICHE PER L' ANALISI DI ULCERE" (ITUB20159560) - (PCT/IB2016/057868)

Faster, more accurate and easier to use than the competition



The Next-gen device wound Monitoring market is growing fast (CAGR +20%) and it is very fragmented (tens of player with no dominant standard). The biggest player is Aranz Medical (Silouhette) which has a turnover of 15 M \$

Wound Viewer is able to provide standardized wound assessments delivering compelling value propositions for hospitals and pharma company

HOSPITAL & CLINICS



- **Reduction of hospitalizations** enabling home care management
- **Care optimization**, resulting in reduced waste of disposables (e.g. bandages)
- **Reduction of the risk of legal litigation** by 20%
- Increment of the **inpatient-to-outpatient turnover** by 30%

**+1M € / YEAR SAVINGS /
INCREASED REVENUES PER
HOSPITAL***

WOUND-CARE PHARMA



- **Product Bundling** with the existing product portfolio for increasing sales revenues
- **Reduction of the risk of failure for clinical trials Phase III and/or Phase IV**
- **Standardized and certified quantitative clinical data**

**Up to +190M € / YEAR
INCREASED SALES
REVENUES ****

*Case based on a 700 bed hospital ** Case based on Financial analysis on Smith and Nephew after the partnership with Moleculight (2017)

At the moment we are proving what we are promising and we are getting to scale-up

What is ongoing:

CERTIFIED CLINICAL TRIALS APPROVED BY ETHICAL COMMITTEE

Protocol: 0C 15194, 3 October 2017

Starting date: February 2018

Number patients enrolled: 150

6 month follow-up trial, multicenter, ASL TO3 – ASL2 Asti

- Integration of Wound Viewer technology with Dedalus S.p.A woundcare system
- The integrated product will be tested through a Multicentric clinical trial with ASL TO 3 and ASL 2 Asti
- The multicentric clinical trial is designed to prove the following endpoints:
 - Standardize wound classification
 - Hospital cost reduction on wound care
 - Scalability of the solution through the integration with Dedalus systems

L'accordo con l'Asl To3
Controlli via telefono e carrozzine 2.0
La tecnologia del Poli entra in corsia

FABRIZIO ASSANDRI - Controlli medici a distanza e carrozzine 2.0. La tecnologia californiana del Politecnico di Torino entra in corsia. La tecnologia californiana del Politecnico di Torino entra in corsia. La tecnologia californiana del Politecnico di Torino entra in corsia.

Dall'alleanza tra Asl To3 e Politecnico una nuova tecnologia per le ulcere cutanee

Torino, il Politecnico inventa il tablet con intelligenza artificiale per curare le ulcere cutanee

Il "1st Working Prototype" messo a punto da pionieri ingegneri della spin-off Commedemal e testato dall'Asl To3 nel reparto di empiologia che possono garantire all'ampolunazione dei centri



Thanks to a supporting ecosystem of universities, medical practices and suppliers



**POLITECNICO
DI TORINO**

Dedalus
HEALTHCARE SYSTEMS GROUP

ELEMASTER



VIVISOL
Home Care Services

A.S.L. TO3
Azienda Sanitaria Locale
di Collegno e Pinerolo



AIUC
Associazione Italiana
Ulcere Cutanee

Reply
protocube

SAM Scuola di Alta
Formazione
al Management

A.S.L. AT
Azienda Sanitaria Locale
di Asti

Nuclear Instruments

**MinusNine⁻⁹
Consulting**

CORPORATE.CORLEY

SAN LUCA

Backed by clinical, strategic and scientific advisors

CLINICAL & STRATEGIC ADVISORS



ELIA RICCI

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LISTED ON PARIS STOCKS EXCHANGE



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Delivered by a multidisciplinary team



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ARCHITECTURE AND SOFTWARE
DEVELOPMENT LIFE CYCLE

To reach interesting addressable markets



* 350.000 € project for territory system * 400 regions

** Proxy valuation based on Moleculight - Smith & Nephew agreement



WOUND**VIEWER**

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