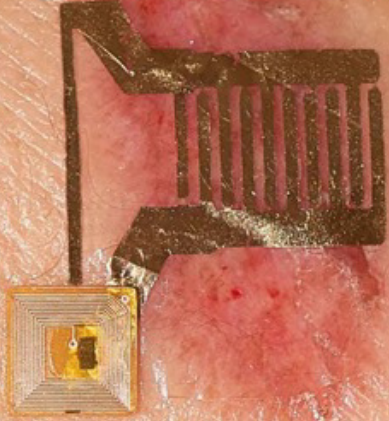




**Digital
Embedded Biosensors
for Remote & Field Diagnostics**

Grapheal features a Unique Bioelectronic sensing platform



Urgent needs for diagnostic tools on the field



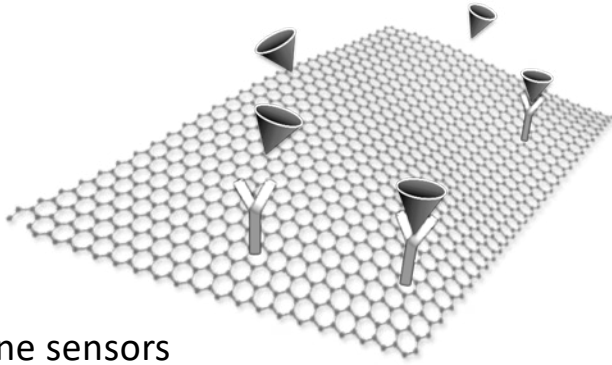
Hospital at Home / Remote patient monitoring



Rapid sanitary screening at large venues

Digital infrastructure exists but LACK of Reliable/affordable Field SENSORS

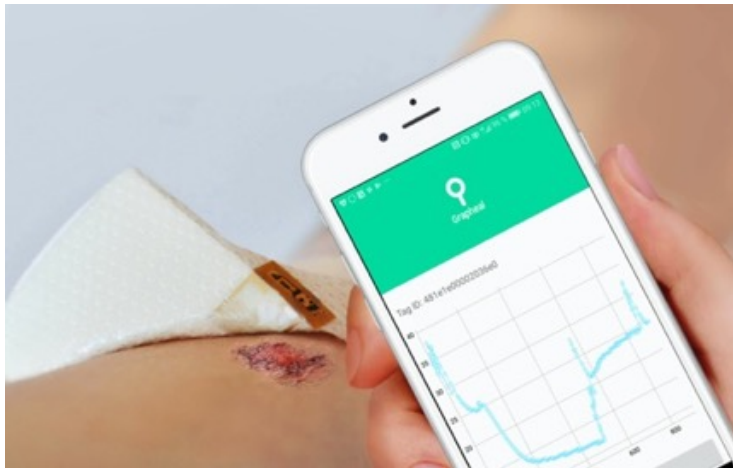
digital biosensing



Graphene sensors

WoundLAB™

Smart bandages for wound healing monitoring



+

Connectivity



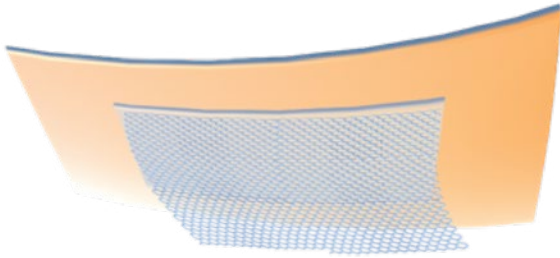
smart card & NFC

TestNpass™

Digital test strip for field diagnostics
(production cost ca. 3 EUR)



3 technologies combined right on time



Affordable Graphene Bioelectronics

- **Bio-Compatible Surface**
- **Scalable (100m²/d)**
- **Conformable**
- **Sensing Platform**



Patented technology

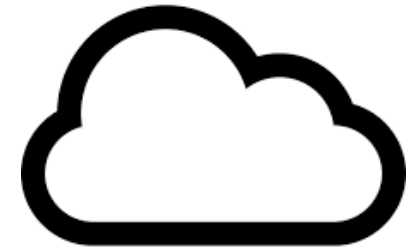
10 years of research by the founders team.



2Bn NFC-enabled Smartphones

- **Cheap**
- **Miniaturized**
- **Flexible**

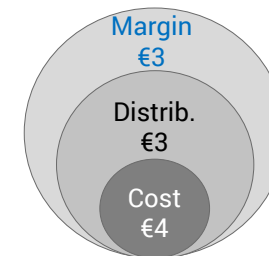
Embedded electronics available
with the boom of **(IoMT)** wearables.



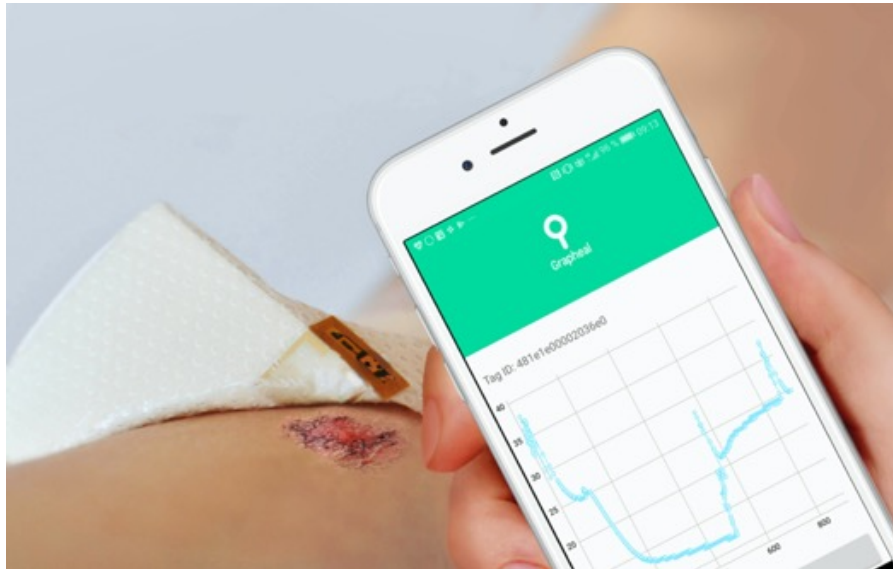
Easy integration in Tele Health systems

eHealth has become the
priority
for **Healthcare Systems**.

Price €10



Two use cases of connected biosensors filling a need on the field

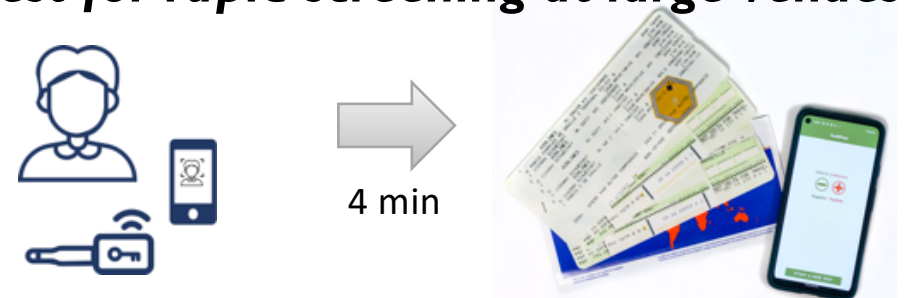


1. WoundLAB: wound care data platform



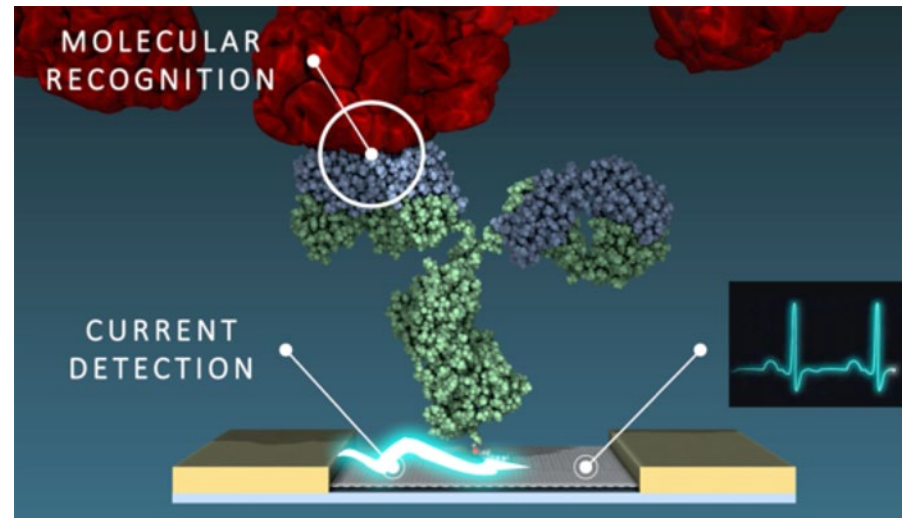
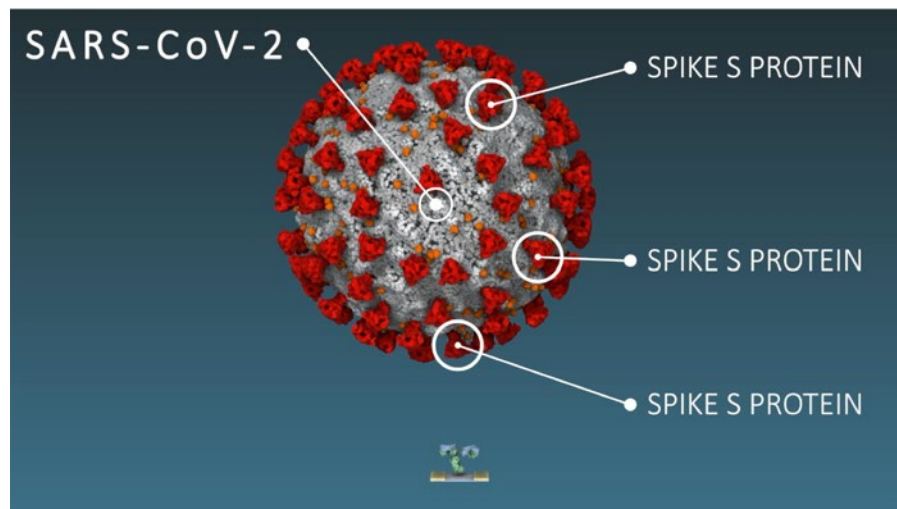
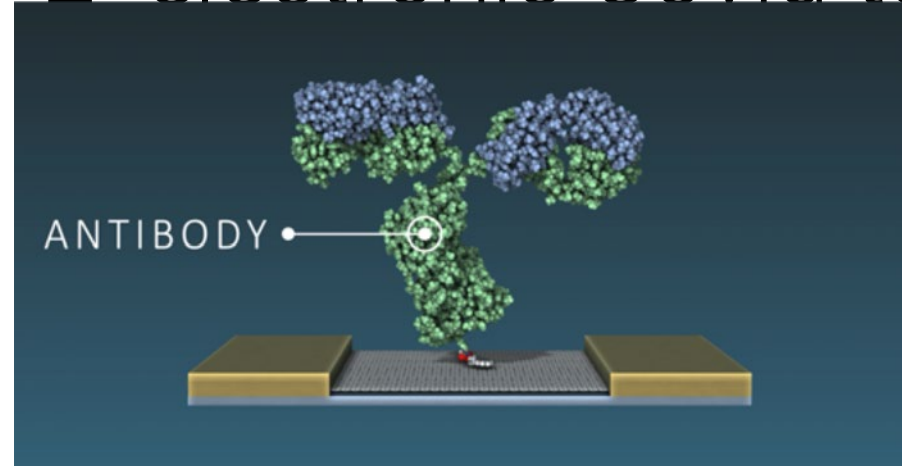
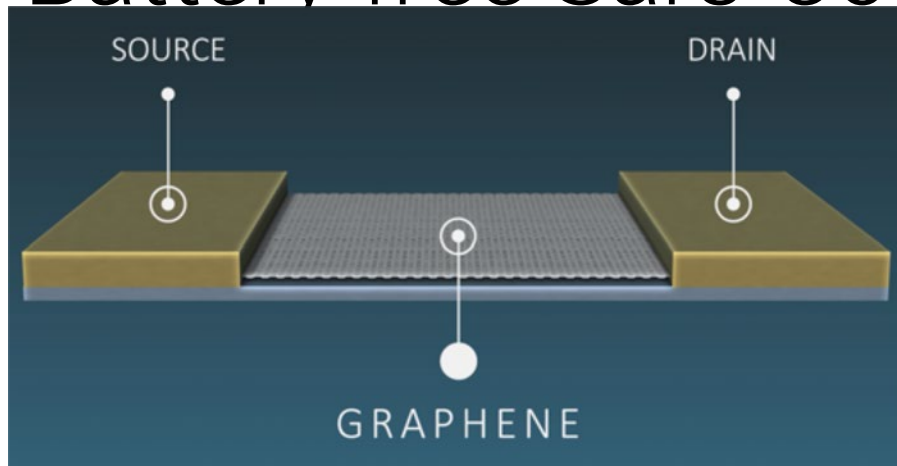
Better follow-up of Chronic wounds -> Less amputation

2. TestNPass: ultra-rapid Covid saliva test for rapid screening at large venues



First Covid test associated to access control (airport, show, etc)

Battery-free Sars-Cov-2 electronic Covid tests





MISSION STATEMENT OF GRAPHEAL

**Grapheal aims at addressing unmet needs in diagnosis
and remote patient monitoring
especially in chronical diseases through the meeting of
Biosensing with Connectivity**