



<https://www.nrk.no/rogaland/kan-revolusjonere-slagbehandlingen-1.13459706>

# The Company



Founded in 2005

Publicly listed 2012

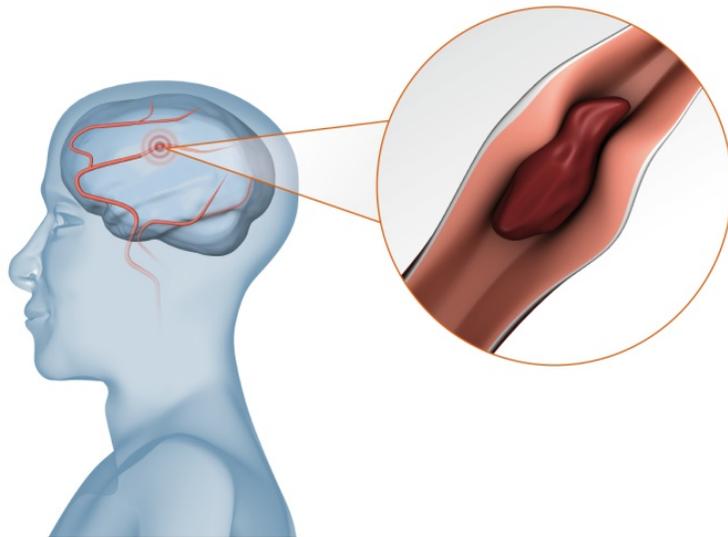
Strategic partners and sub-contractors

around the world

Sales of research instruments

Support by EU grants





**Clot – 85%**

Efficient treatment is available – but timing is crucial!

Only a few percent receive accurate treatment !

# Traumatic Brain Injuries (TBI)

- Traffic
- Sports
- Military



# The Market



**Ambulances**



**Hospital**



**Military**

# The problem addressed



10 million cases of stroke per year worldwide

- 64 Billion € in Europe (800,000 cases)

15 million traumatic brain injuries per year worldwide

- 100 billion € in Europe (1,600,000 cases)

Second position in mortality 2015

Second largest cause of disability

Regional differences include:

- China number 1
- Baltic number 4
- Nordic number 4

Attract only 2% of the global healthcare resources

# Market size



around 200 000 ambulances in the world

around 5000 hospitals in the USA

around 6000 acute hospitals in UK, Ger, Fra

around 85 000 hospitals in India and China

Example:

replacing system every five years gives a steady state annual market of 60,000 systems

with 1% (10%) market penetration 600 (6000) systems would be sold each year

the MD100 system has a list price of 100,000\$

this would give annual sales of 60 M\$ (600M\$)



# “Time is brain”

Stroke  
TBI

1h	2h	3h	4h	4,5h
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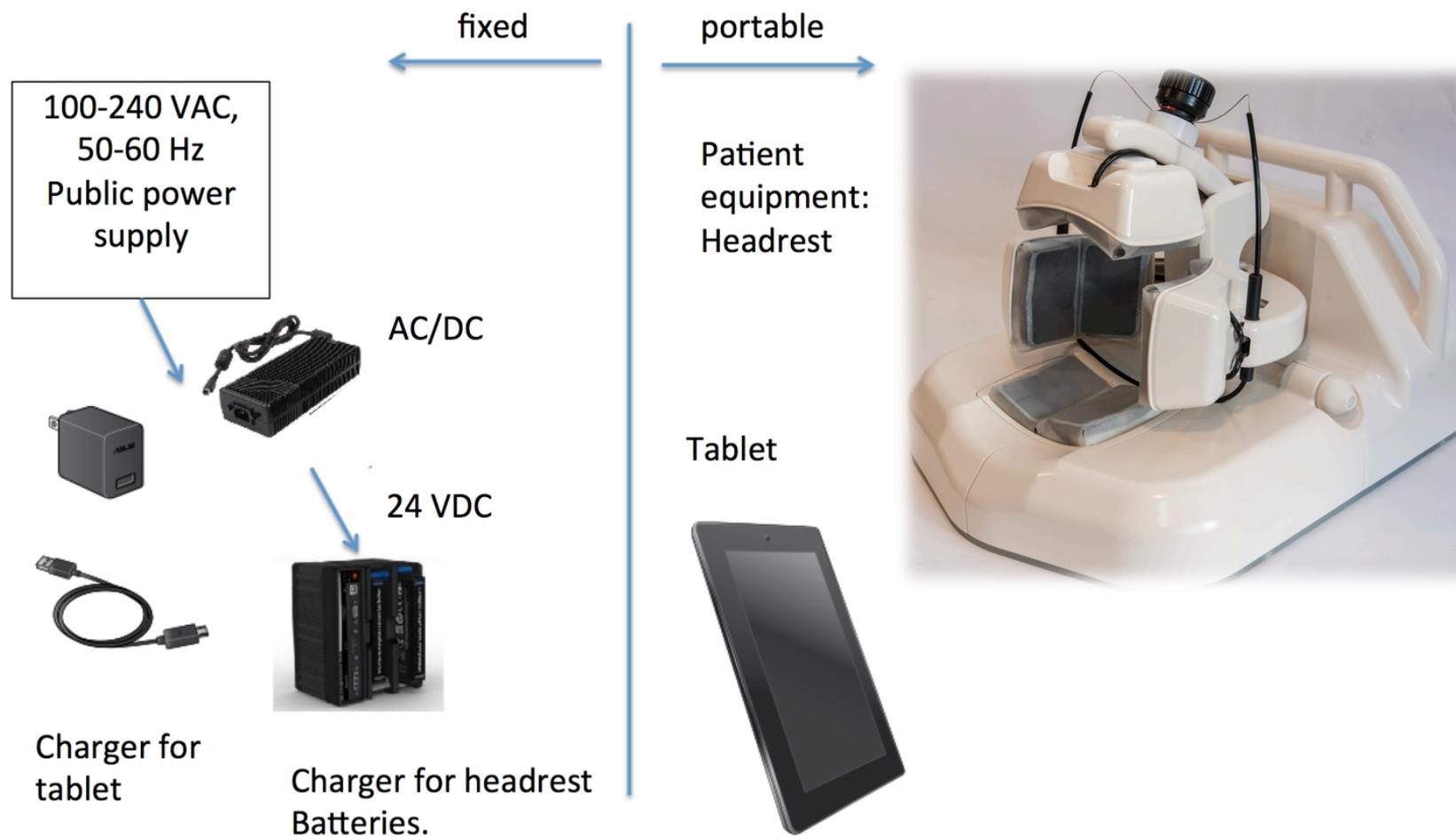
Solution:



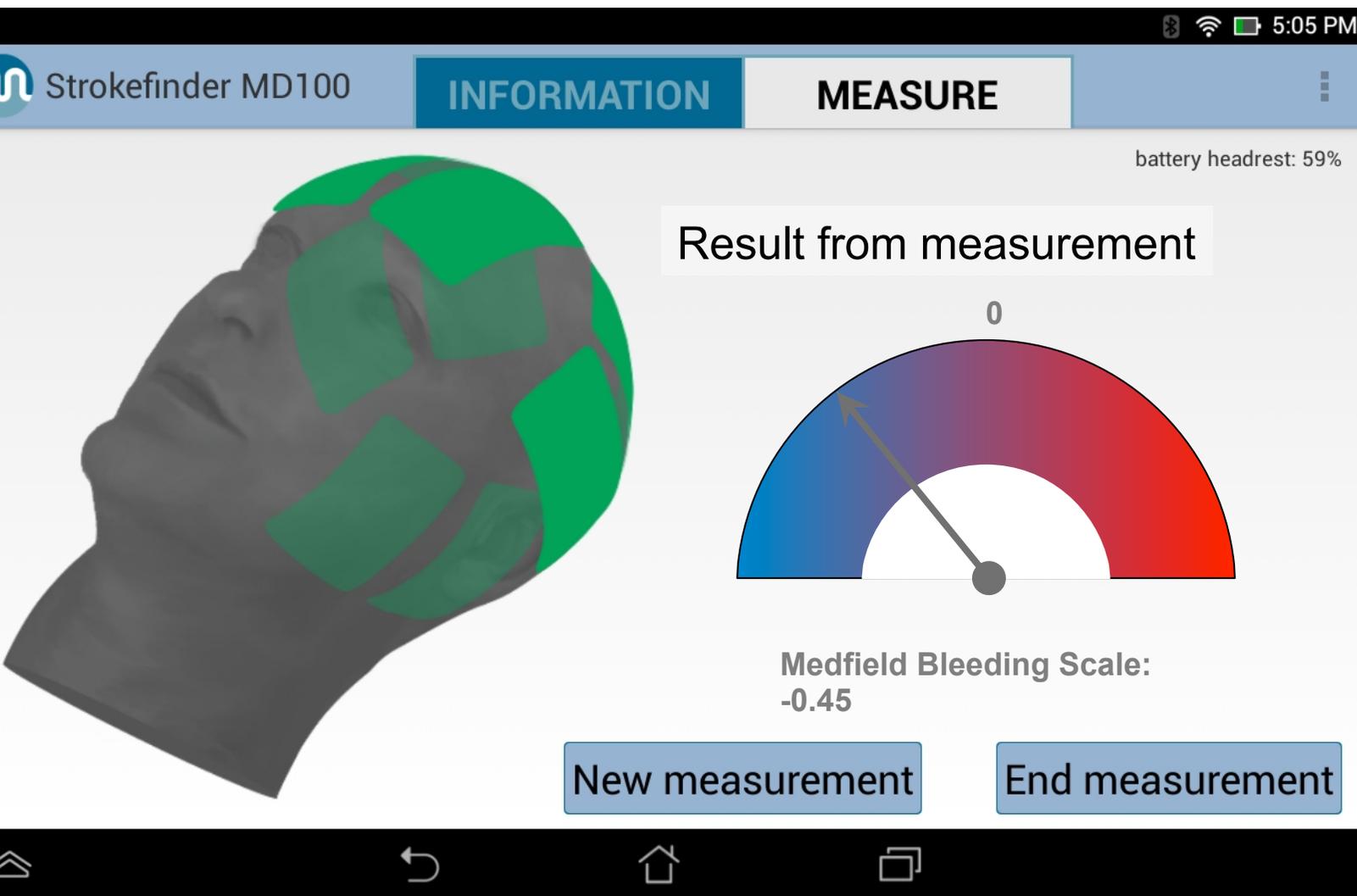
# Partners and customers



# The Strokefinder product



# The Strokefinder product



The screenshot shows the 'MEASURE' screen of the Strokefinder MD100 app. At the top, the status bar displays the time as 5:05 PM and battery level at 59%. The app header includes the product name 'Strokefinder MD100' and two tabs: 'INFORMATION' and 'MEASURE'. On the left, there is a 3D model of a head with a green and grey pattern. The main display area features a semi-circular gauge with a needle pointing to a value of -0.45. The gauge is color-coded with blue, purple, and red segments. Below the gauge, the text reads 'Medfield Bleeding Scale: -0.45'. At the bottom of the screen, there are two buttons: 'New measurement' and 'End measurement'. The Android navigation bar is visible at the very bottom.

Strokefinder MD100

INFORMATION MEASURE

battery headrest: 59%

Result from measurement

0

Medfield Bleeding Scale:  
-0.45

New measurement End measurement



## Five trials with a total of 454 enrolled subjects

- Two explorative proof of principle trials (MF01, MF02)
- One prospective trial to evaluate detection of physiological changes inside the skull (MF03)
- One prospective trial to evaluate performance, safety and usability in relation to stroke (MF04)
- One trial to evaluate detection of chronic subdural hematoma (CSH01)

## Positive primary endpoints in all 5 trials

- MF04 Adequate measurement data for at least 80% of stroke patients
- CSH01 At 100% sensitivity, 70% specificity for detecting subdural hematoma

no safety issues in relation to device or procedure

# Clinical Trials – Ongoing and planned



TICH 01 – Prospective multicentre trial to evaluate the ability to detect traumatic intracranial bleeding

VGR 01 – Prospective trial to evaluate the diagnostic ability to differentiate hemorrhagic stroke from ischemic stroke and stroke mimics in the acute phase

Multicentre trial in Norway evaluating stroke diagnosis in pre-hospital and hospital settings starting 2017

Stroke trial in Australia starting 2017

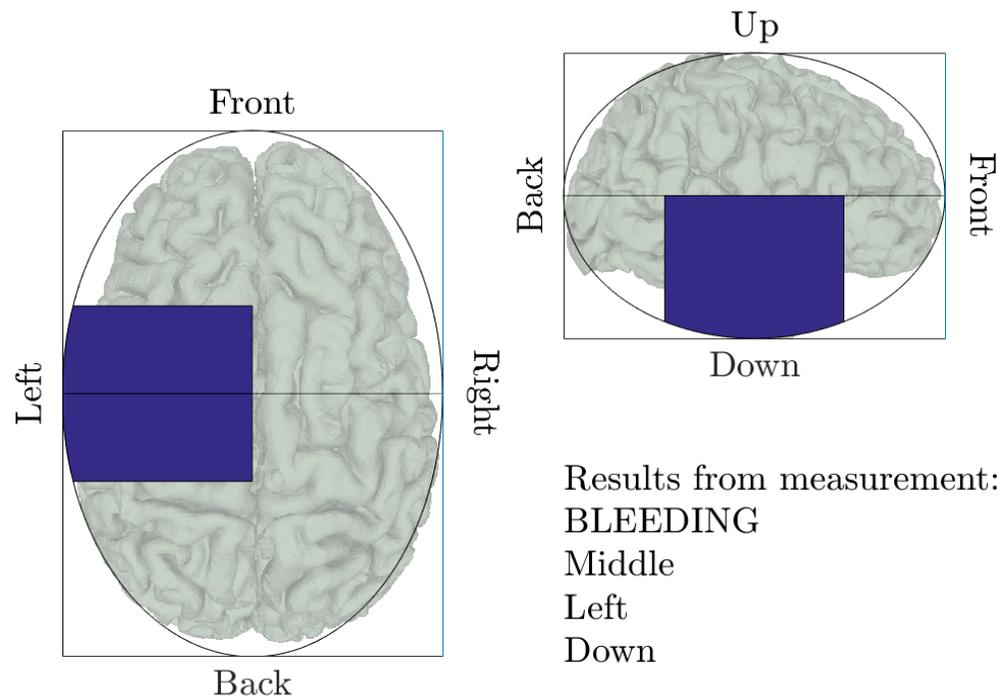
Multicentre trial in UK evaluating head trauma diagnosis in pre-hospital and hospital settings starting 2017



- Increase the inclusion of patients for improvement of qualified data
- Increase the number of studies
- Secure data quality in academic initiated studies
- St George and Kings in London
- South West Ambulance Service Trust (SWAST) (Eurostar) clinical demo with prehospital paramedics

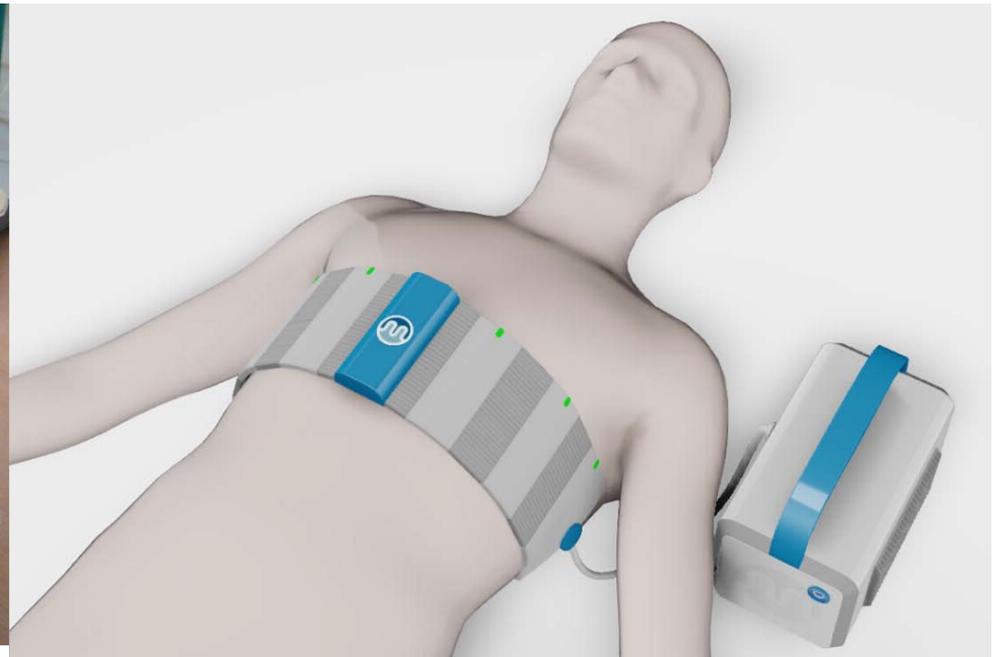
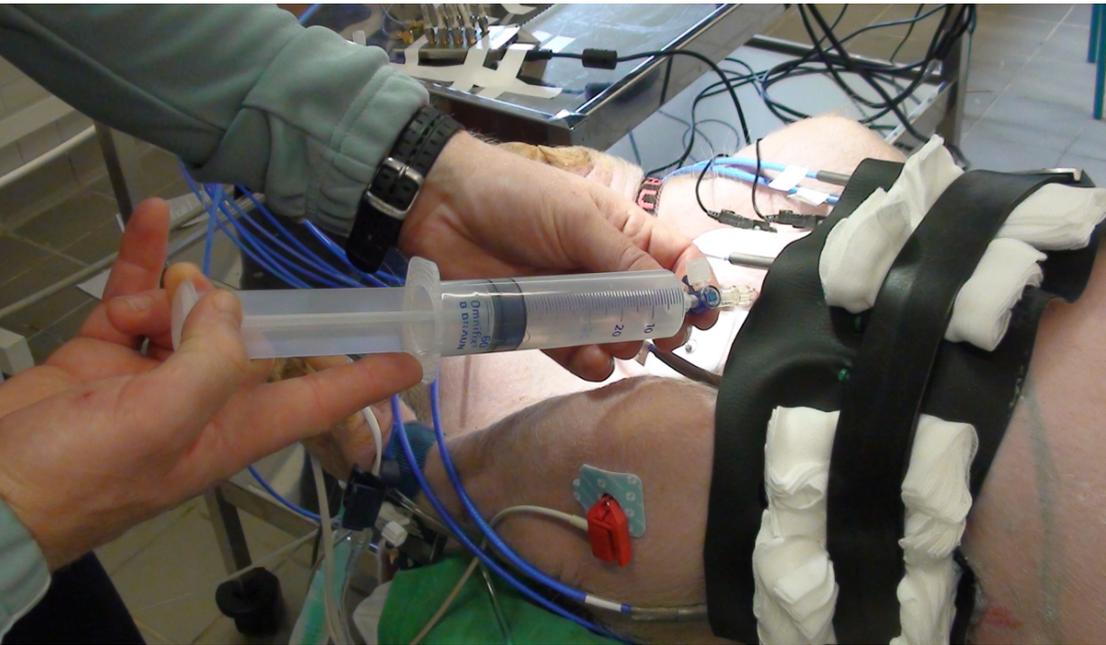


## Detection of the bleeding inside the brain (Imaging)





## Thorax diagnostics





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