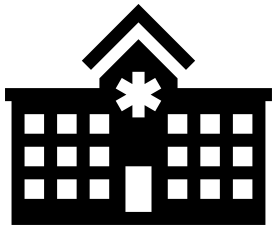
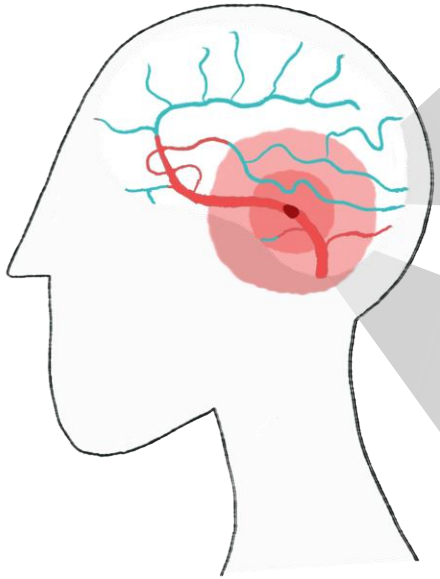
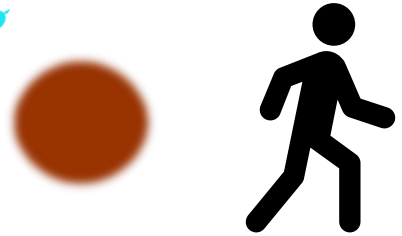
Medical Devices Enhanced by Microelectronics to Revolutionize the Treatment of Stroke

Franz Bozsak, CEO and co-founder

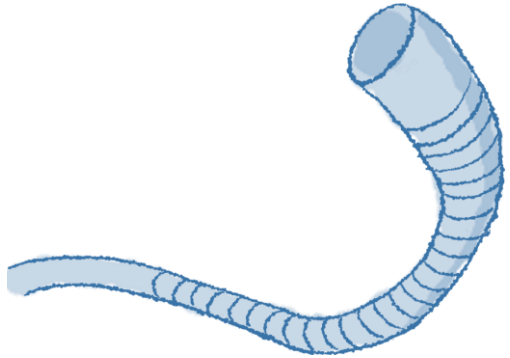


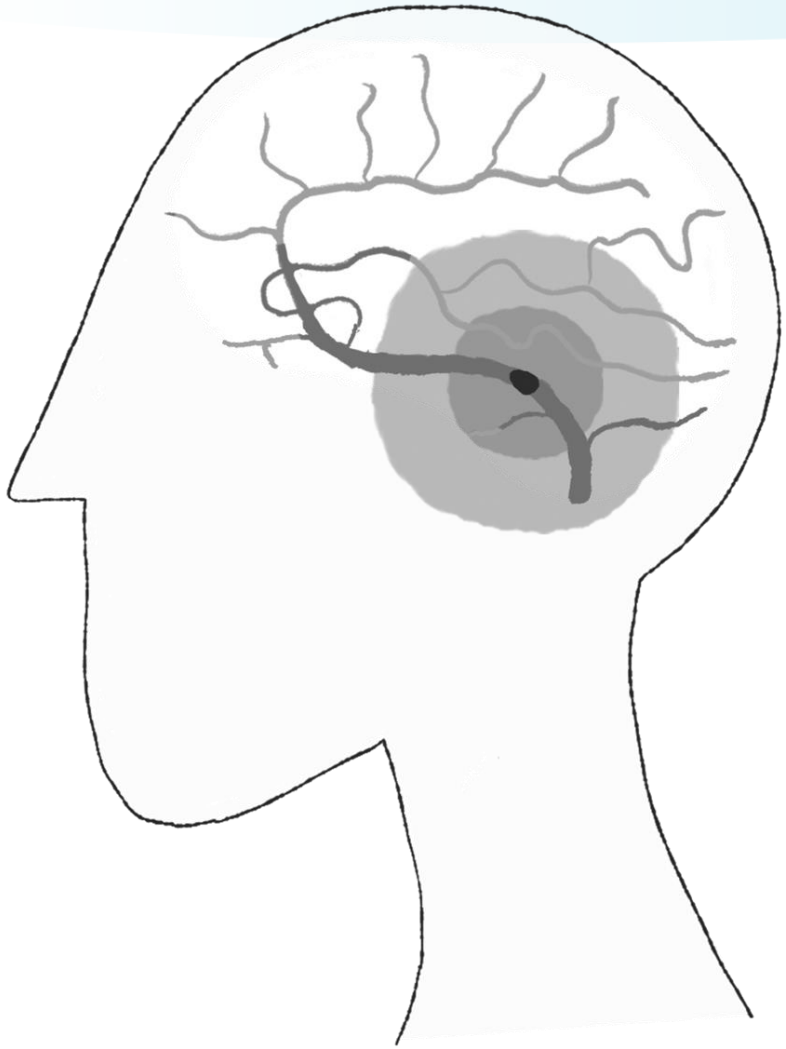

Stroke can be caused by different clot types and different removal techniques exist

Stentriever

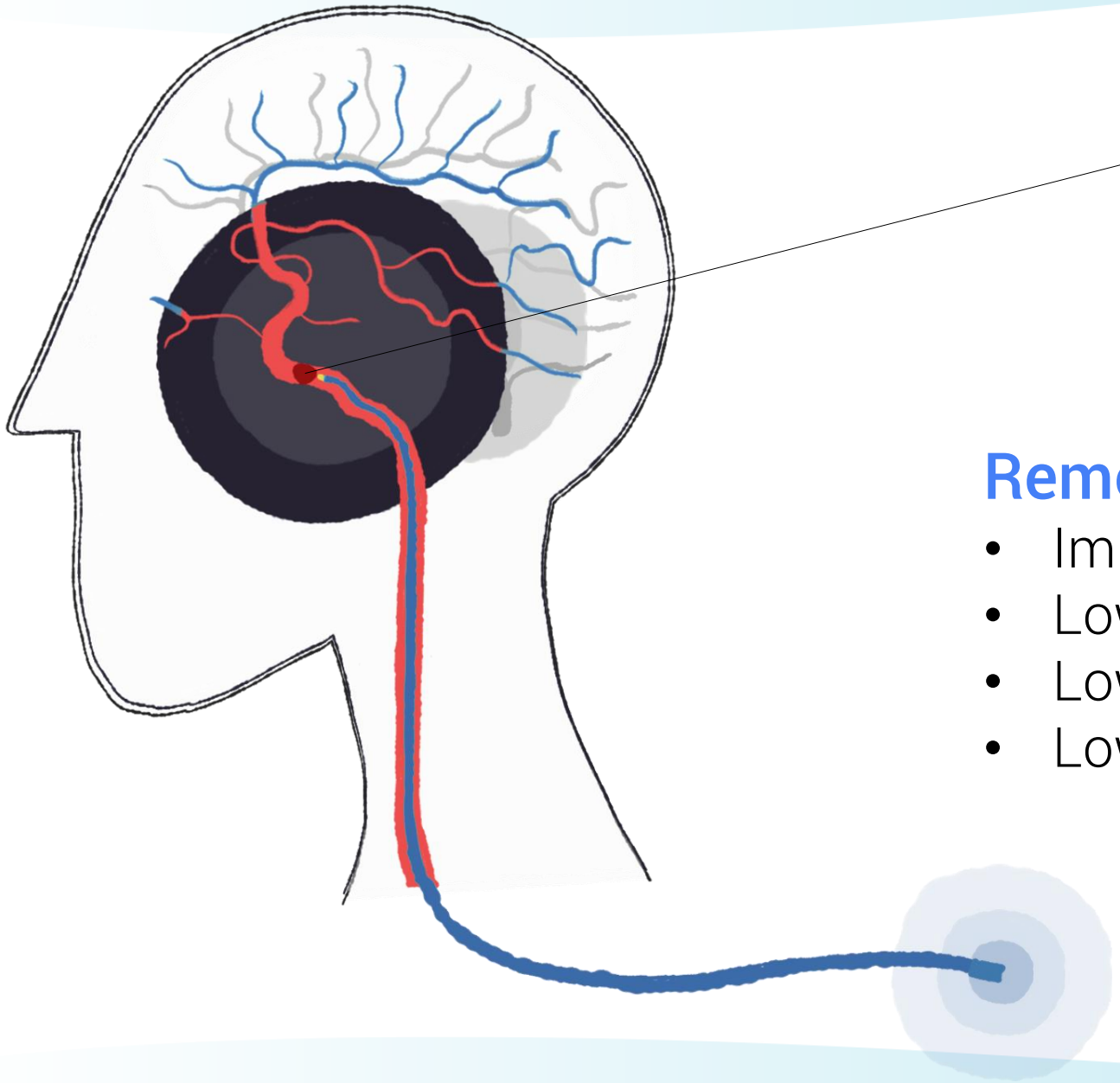


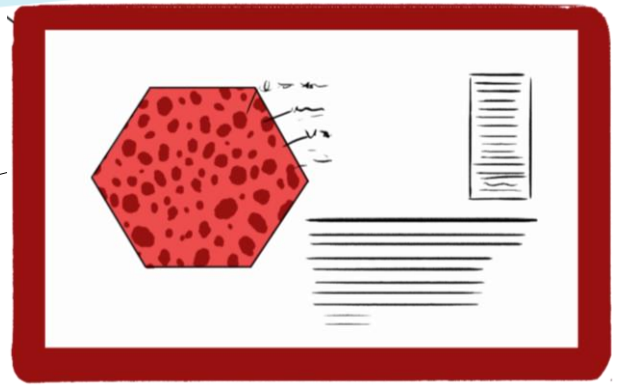
Aspiration

Source: Youtube.com



SENSOME
Sensitive Medical Devices



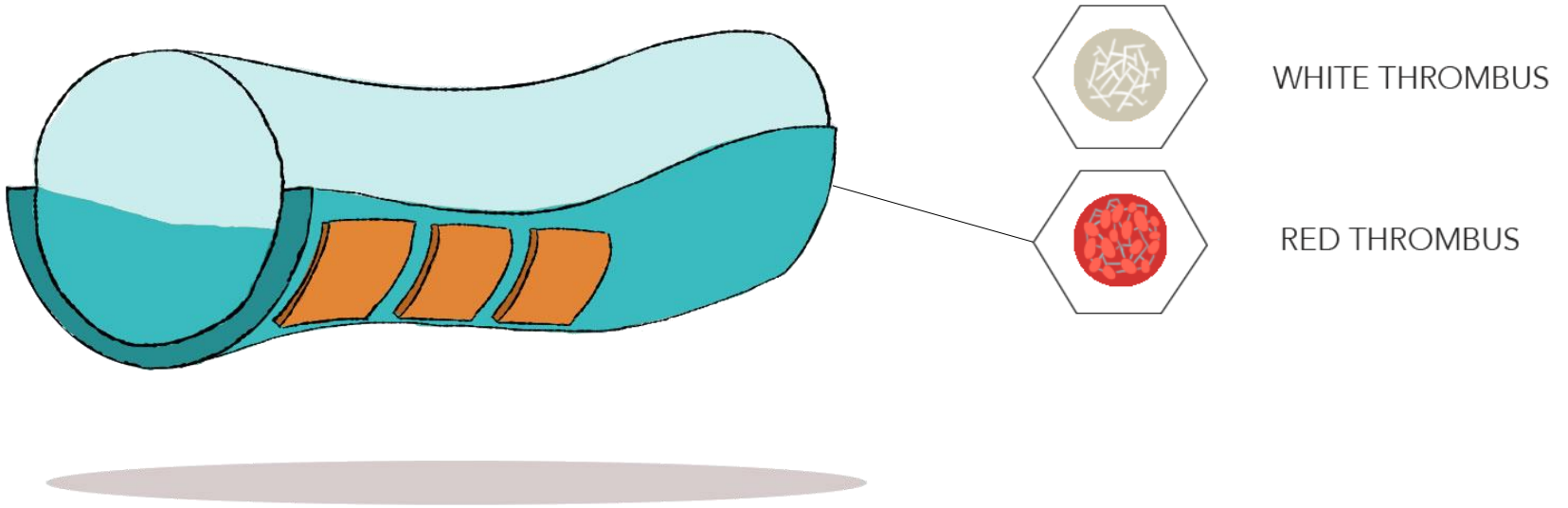


Removing the clot on the first try

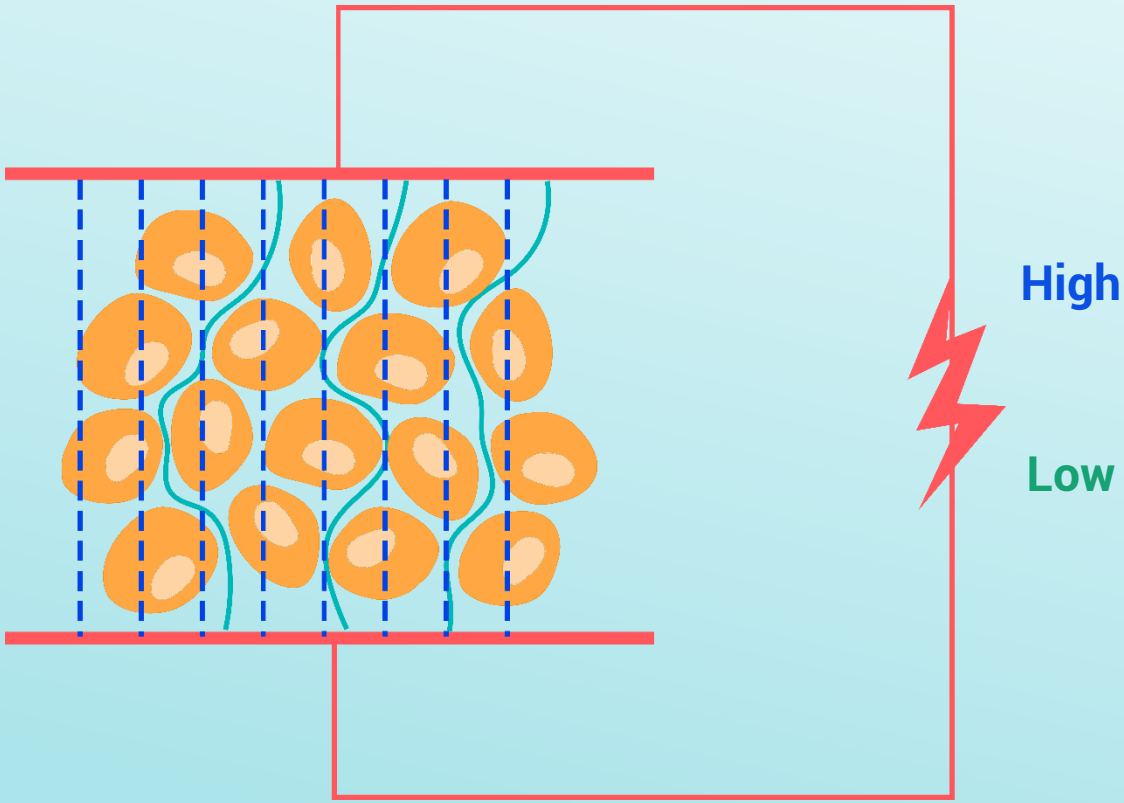
- Improves patient outcome
- Lowers the risk of complications
- Lowers in-hospital cost up to 30%
- Lowers overall cost up to 25%

Sensome's technology to identify clot type

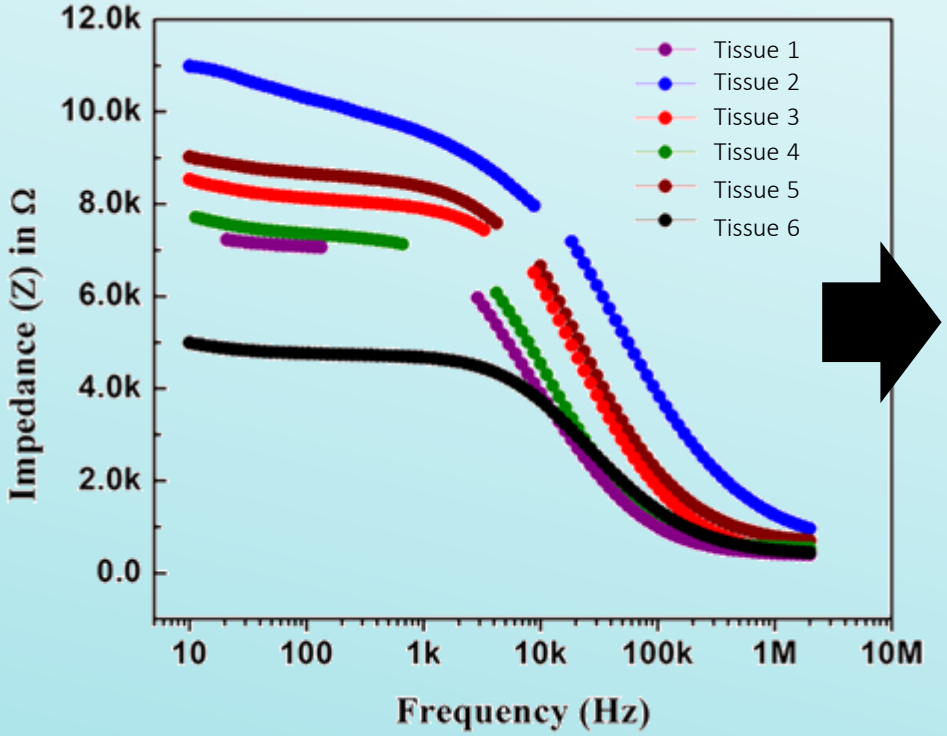
- Array of impedance sensors with incorporated proprietary micro-chip
- AI-powered signal processing algorithm

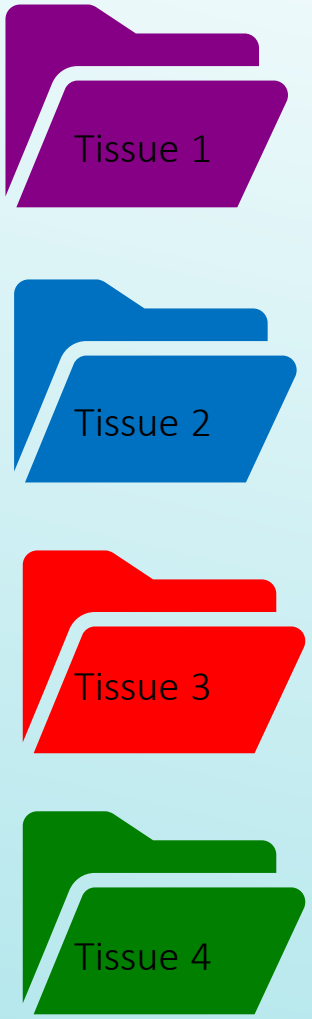


Low and high frequency currents enable characterization of clot composition



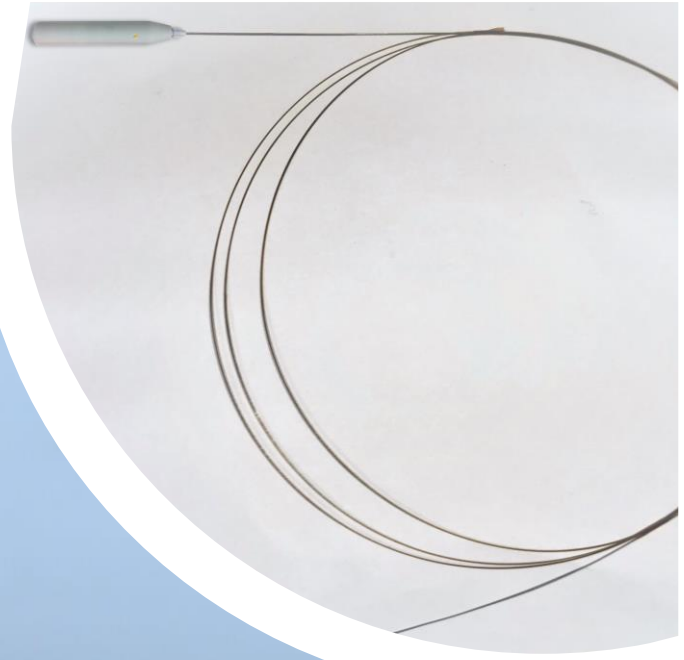
Machine learning algorithm sorts impedance patterns to recognize clots

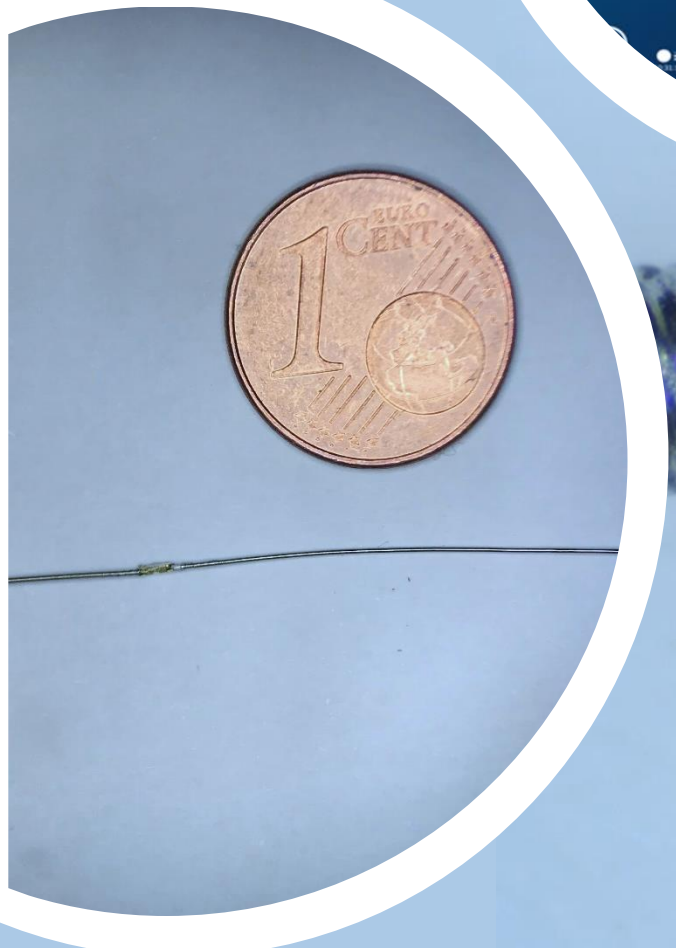


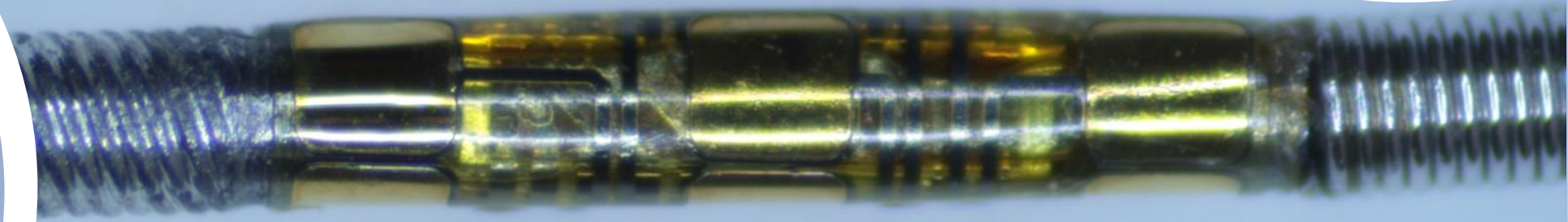


Micro-electronics technology enables and unmatched miniaturization of our sensor technology

SENSOME
Sensitive Medical Devices







CLOTILD® SMART STROKE GUIDEWIRE TO DIFFERENTIATE CLOTS

Clotild® is currently not approved anywhere in the world.

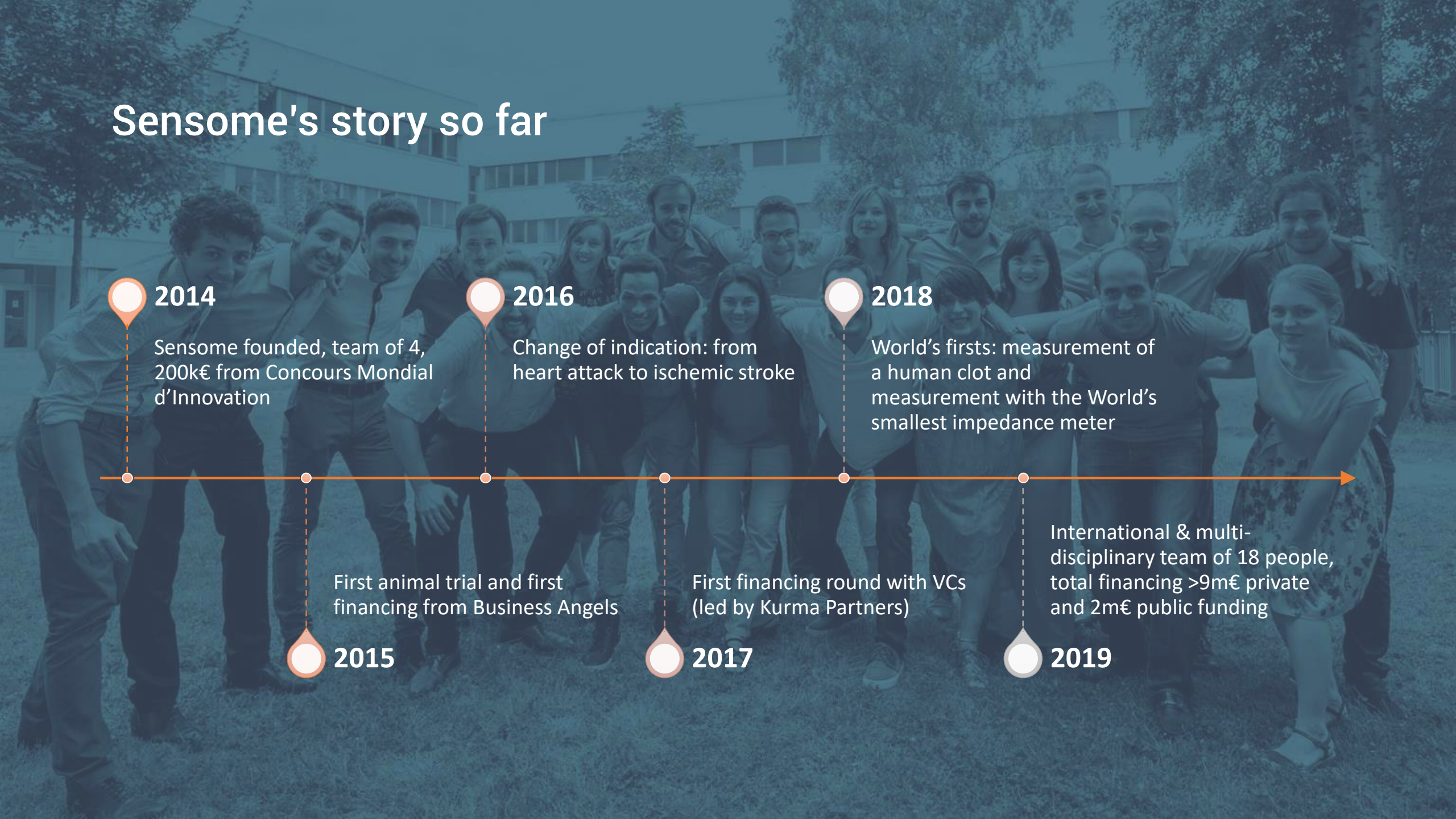
SENSOME
Sensitive Medical Devices

Clotild® smart guidewire
crossing a red-blood-cell-rich clot
vs.
crossing a fibrin-rich clot

Clotild® is currently not approved anywhere in the world.

Click above to watch the video!

Sensome's story so far



2014

Sensome founded, team of 4, 200k€ from Concours Mondial d'Innovation

2015

First animal trial and first financing from Business Angels

2016

Change of indication: from heart attack to ischemic stroke

2017

First financing round with VCs (led by Kurma Partners)

2018

World's firsts: measurement of a human clot and measurement with the World's smallest impedance meter

2019

International & multi-disciplinary team of 18 people, total financing >9m€ private and 2m€ public funding

SENSOME powered

smart medical devices to revolutionize tomorrow's healthcare