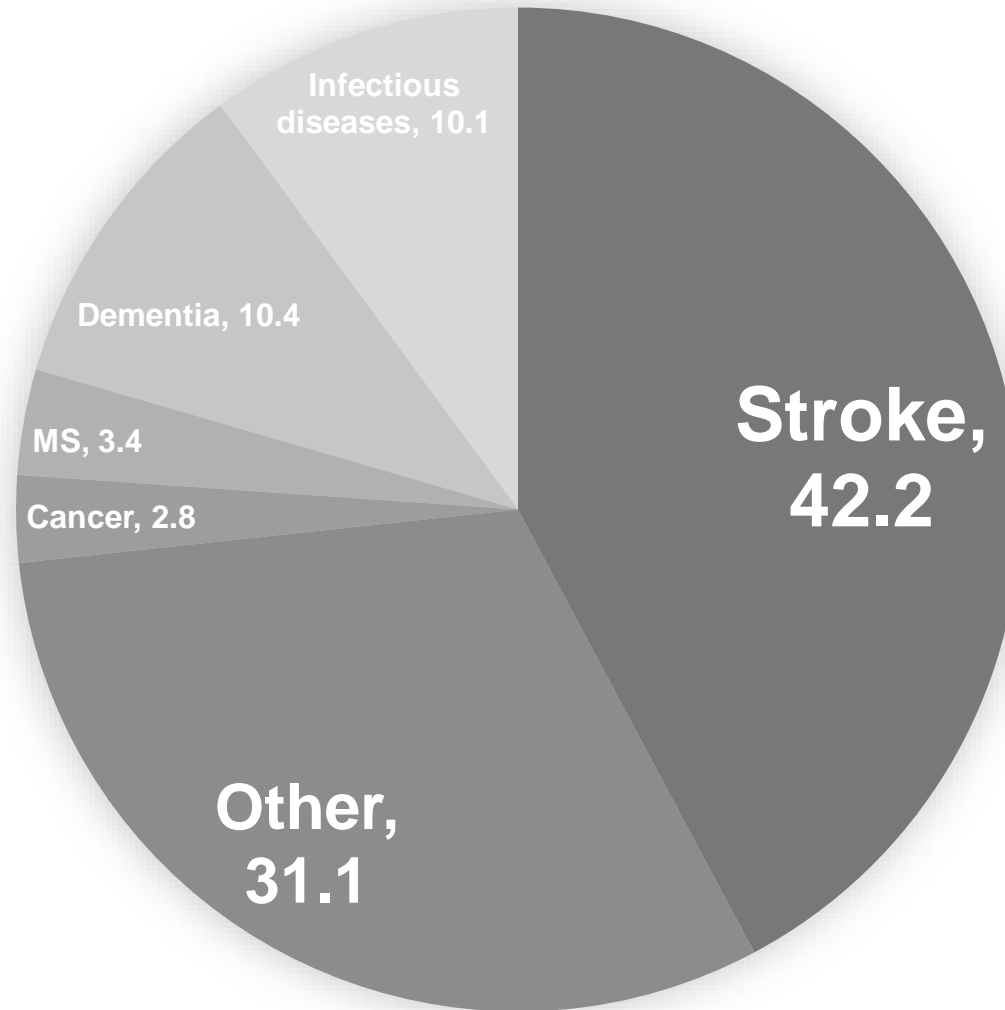


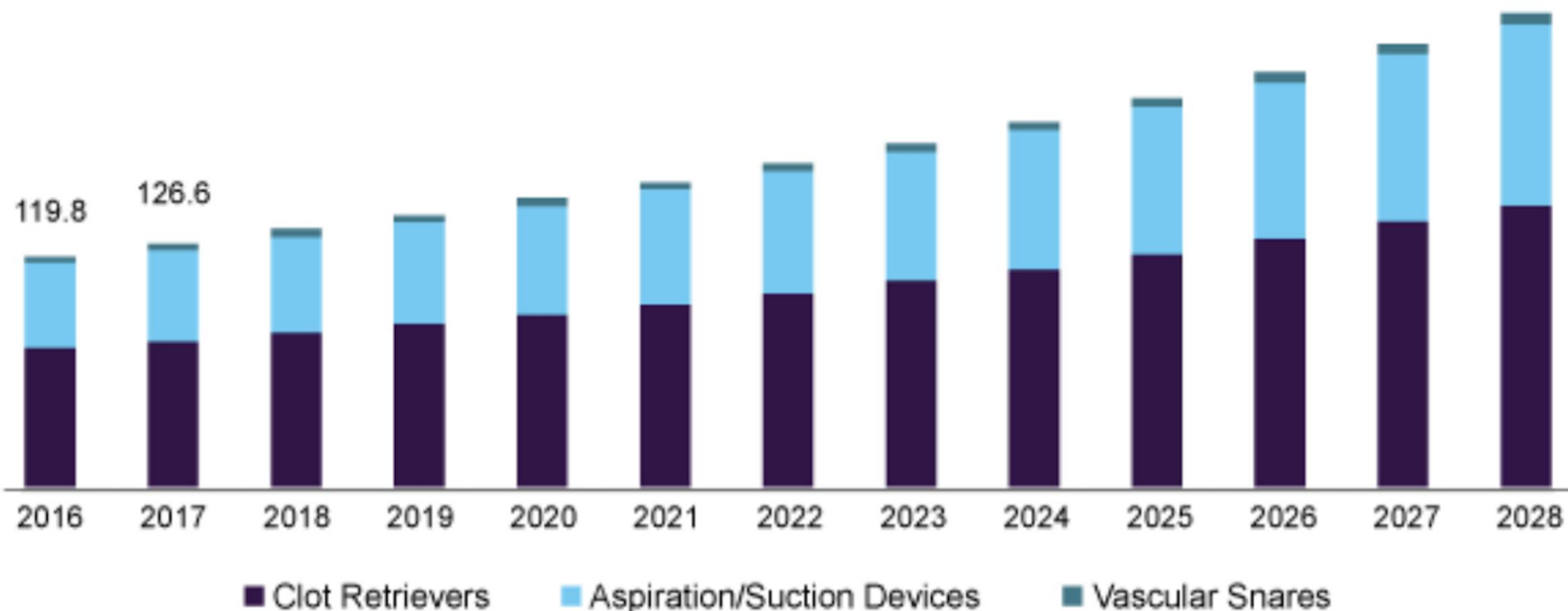
Thrombectomy using stent retriever



# Stroke: #1 for mortality and disability in neurology

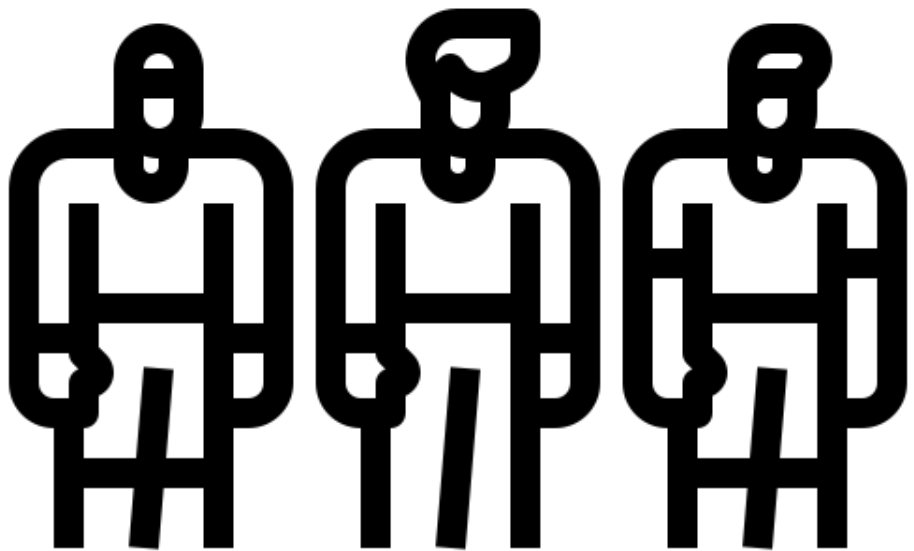
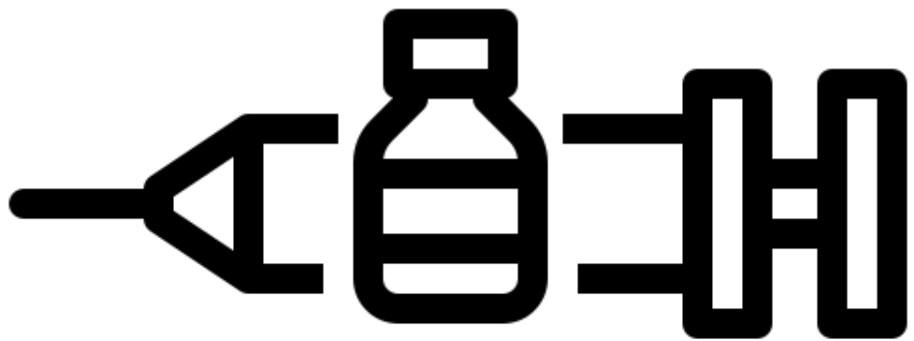


## U.S. neurothrombectomy devices market size, by product, 2016 - 2028 (USD Million)

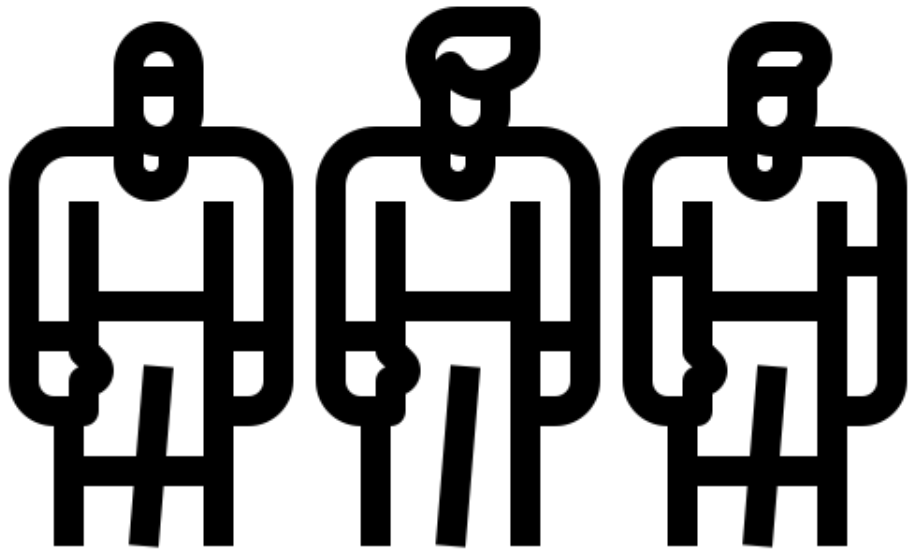
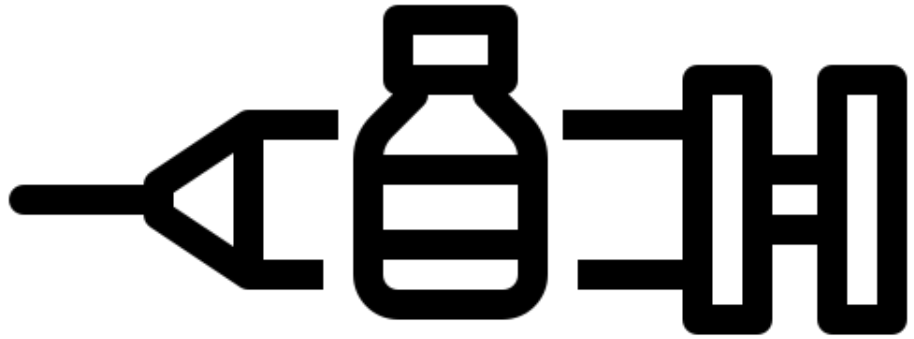


Source: [www.grandviewresearch.com](http://www.grandviewresearch.com)

# CLINICAL TRIALS

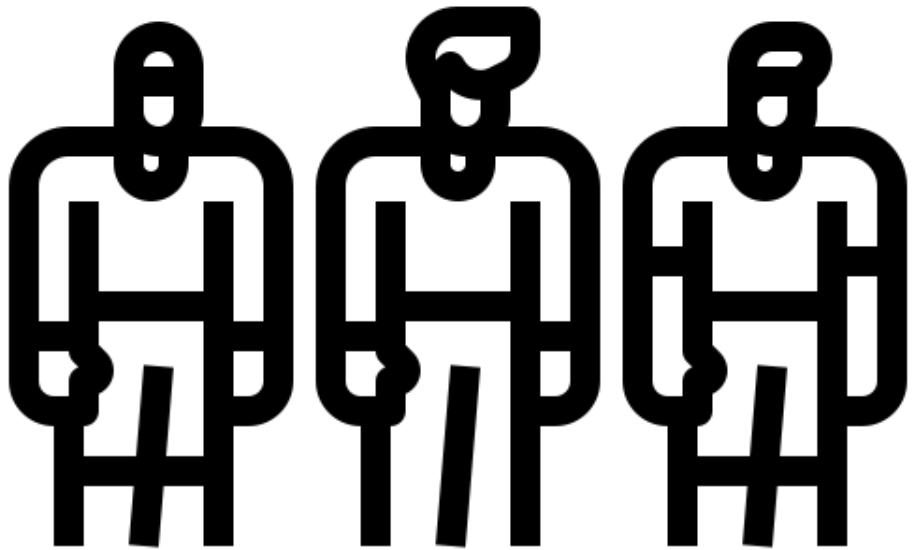


# CLINICAL TRIALS



Why do treatments fail?

# CLINICAL TRIALS



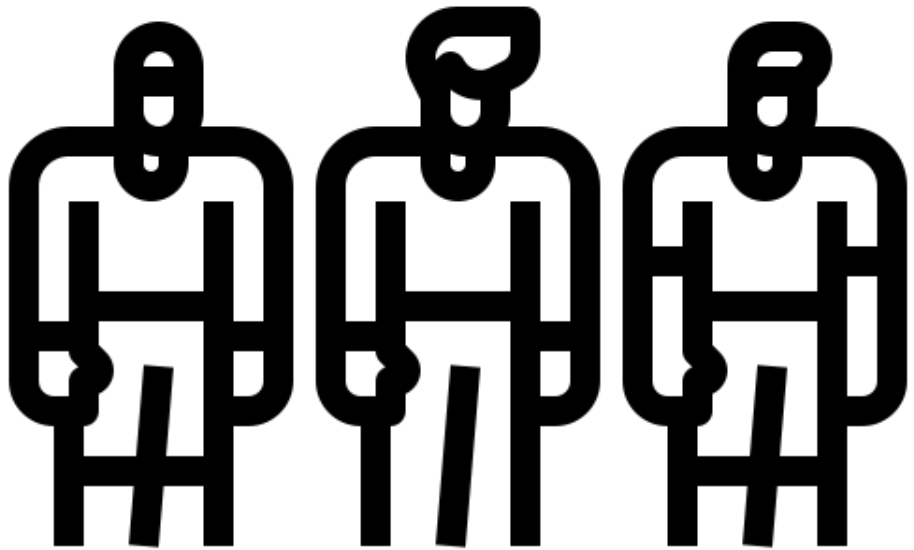
Why do treatments fail?



€30million



# CLINICAL TRIALS



Why do treatments fail?



€30million



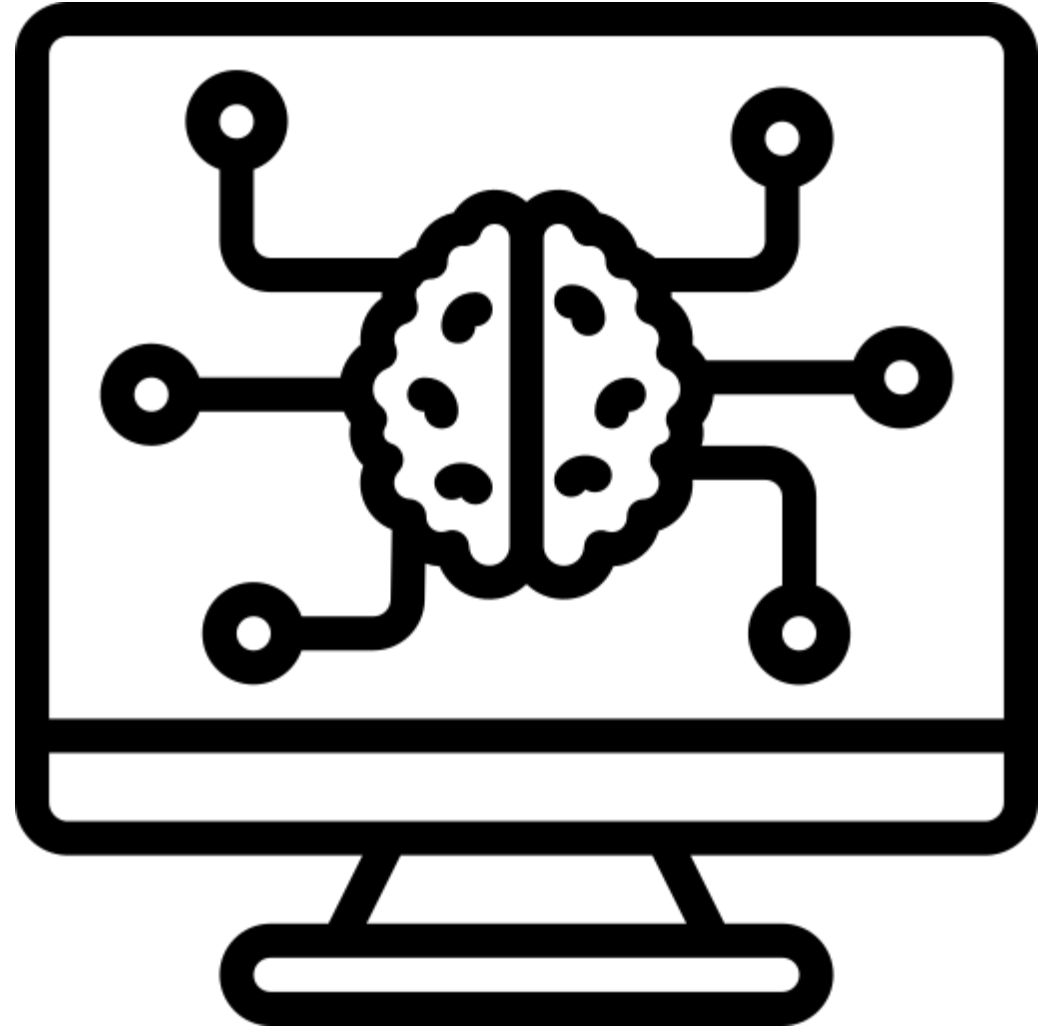
6-7 years

OUR SOLUTION:

in-STEP

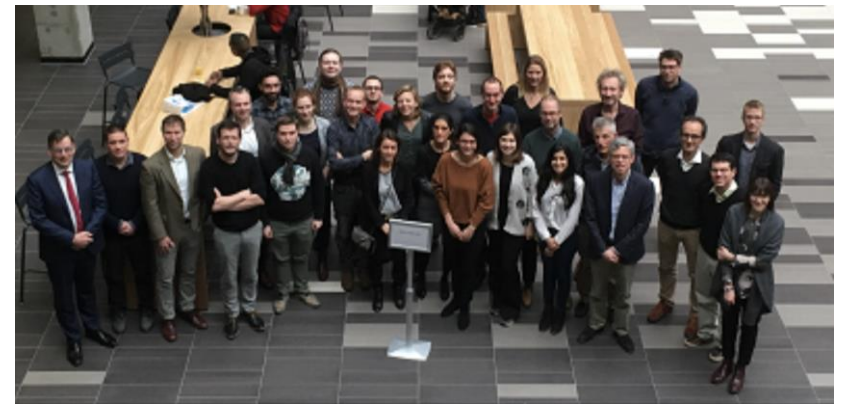
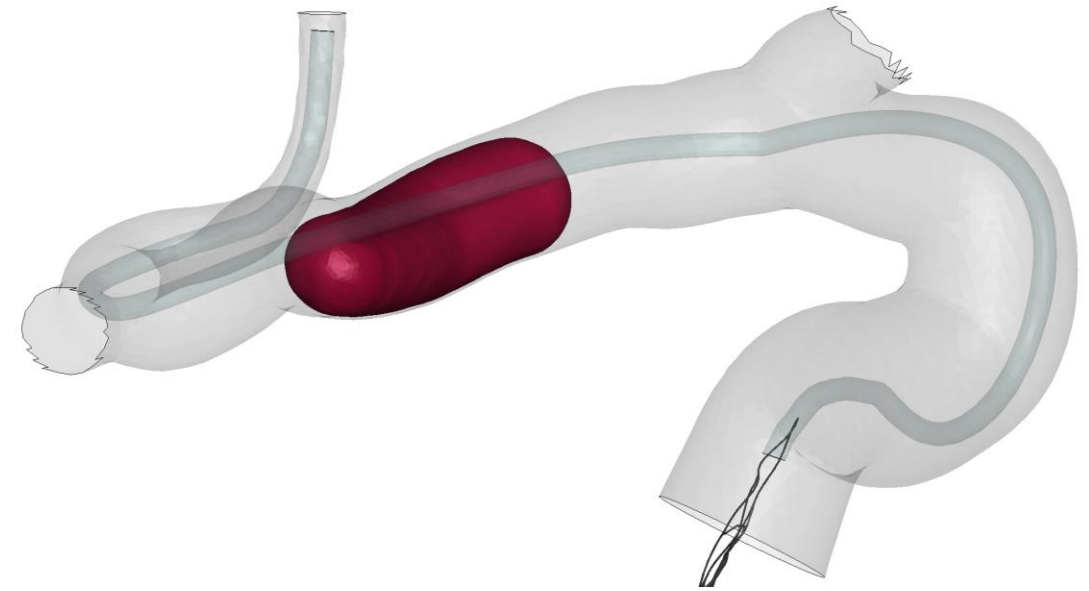
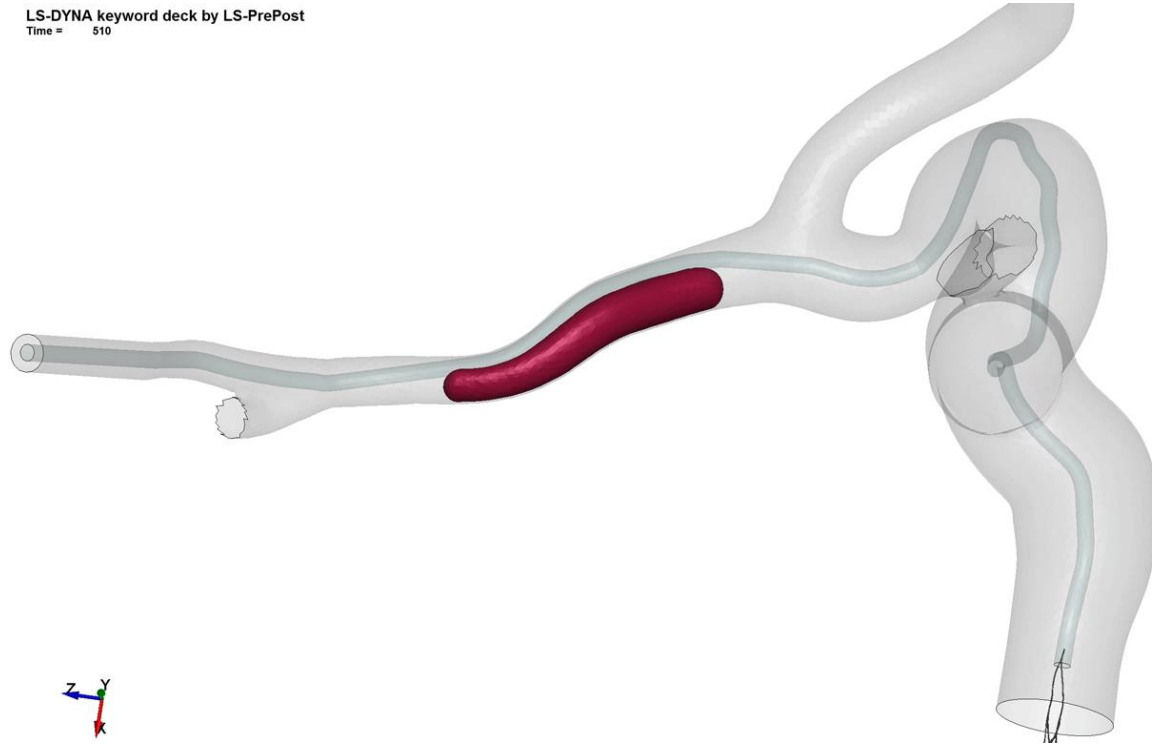
*IN-STEP*

*in-silico* Stroke TrEatment Platform:  
Step into in-silico medicine



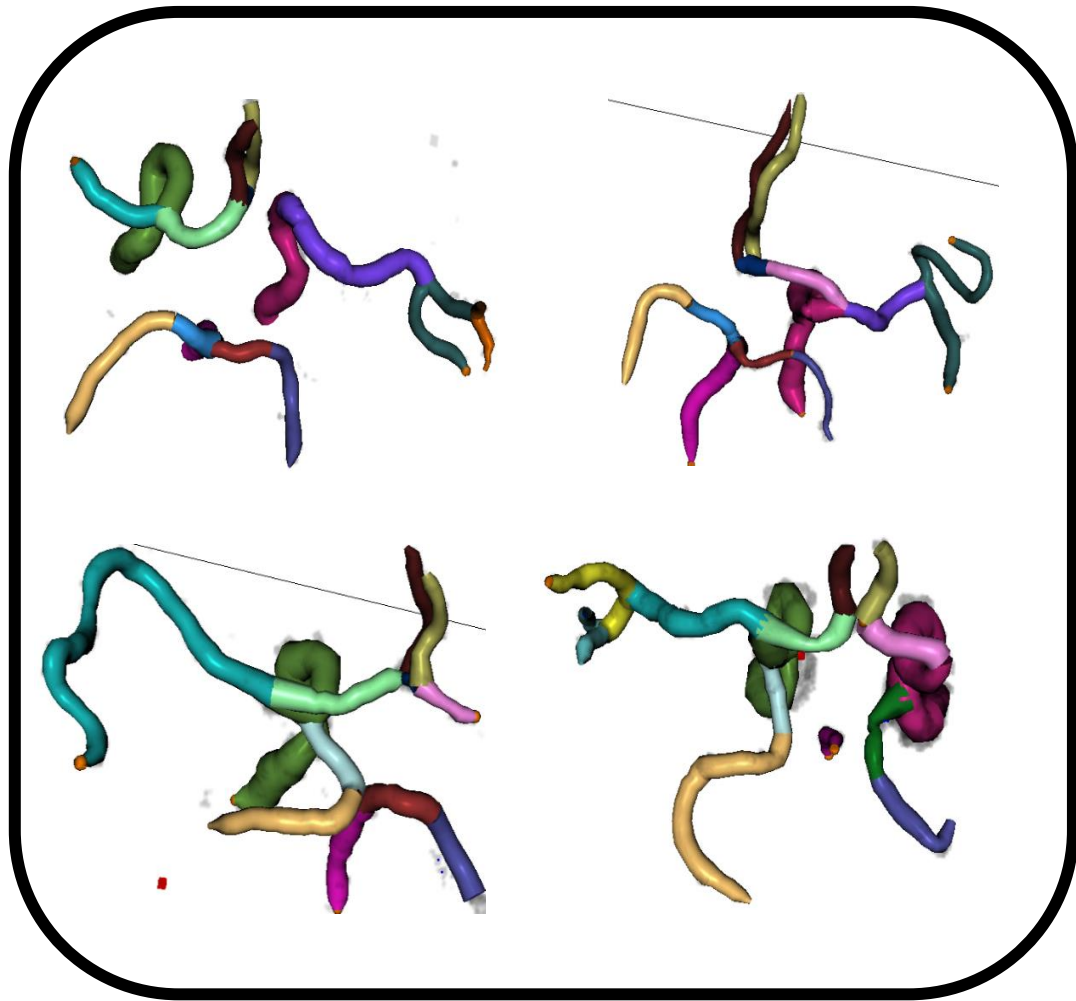
# OUR PRODUCT:

LS-DYNA keyword deck by LS-PrePost  
Time = 510

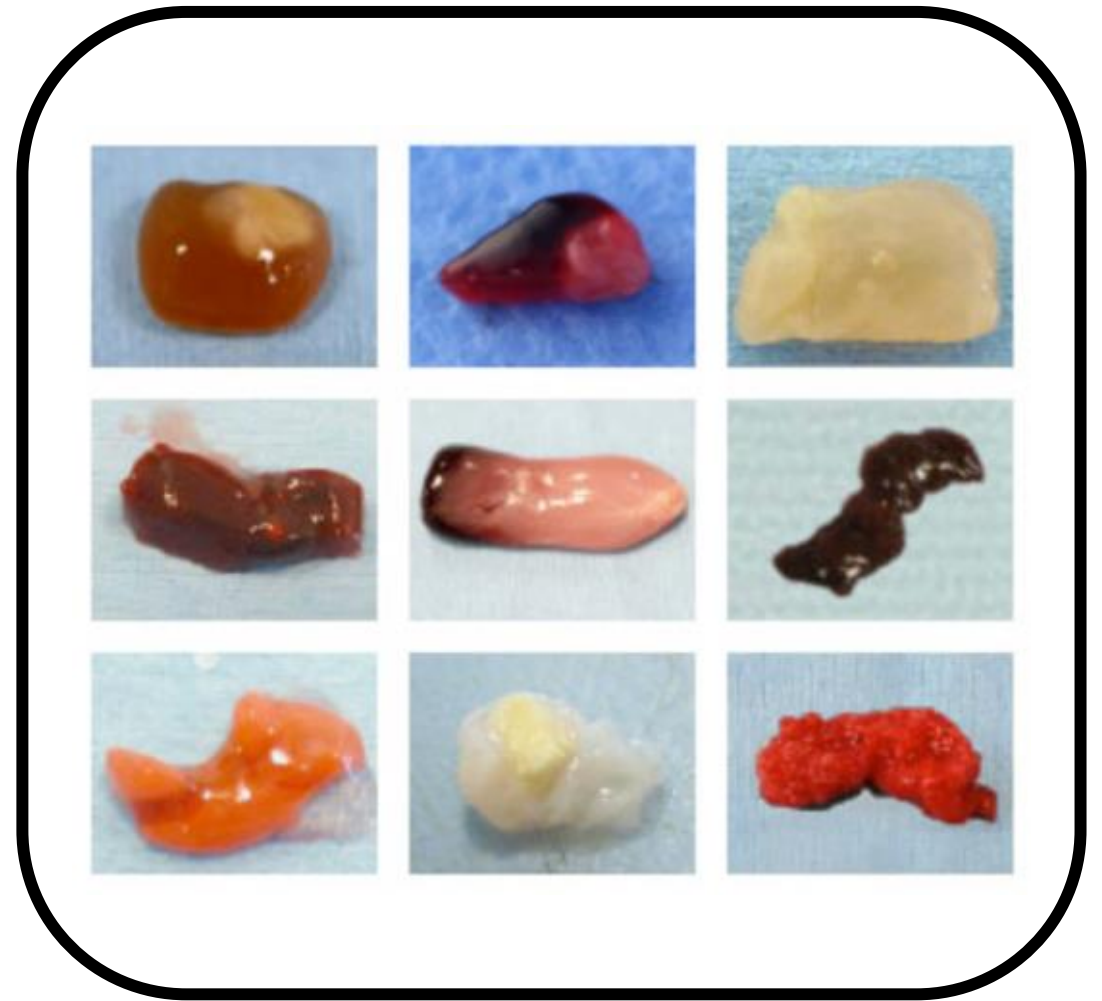


Co-funded by the Horizon 2020 programme of the European Union

<https://www.insist-h2020.eu/>

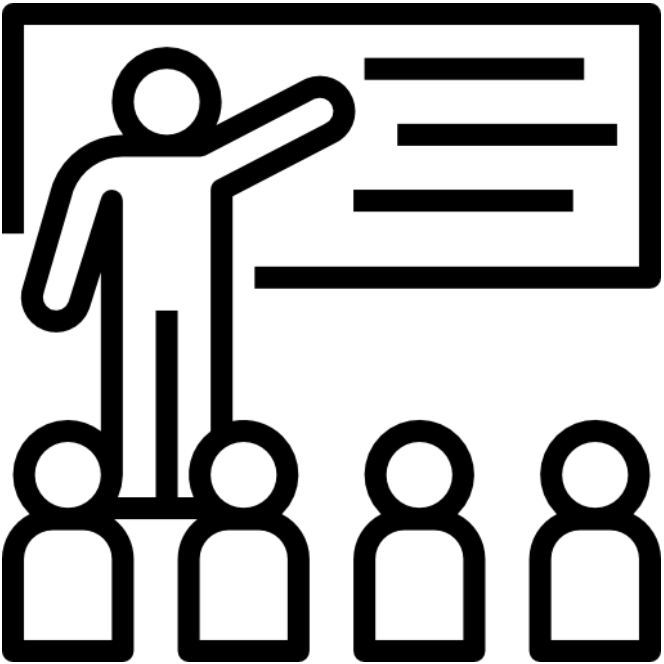


Intra-cranial patient anatomies



Types of thrombi

# What's next?



**ESOC** 2022 The Voice of Stroke  
in Europe

**8<sup>th</sup> European Stroke  
Organisation  
Conference (ESOC)**

4 - 6 May 2022  
Lyon, France

