

# GEMINI – A generation of multi-scale digital twins of ischaemic and haemorrhagic stroke patients

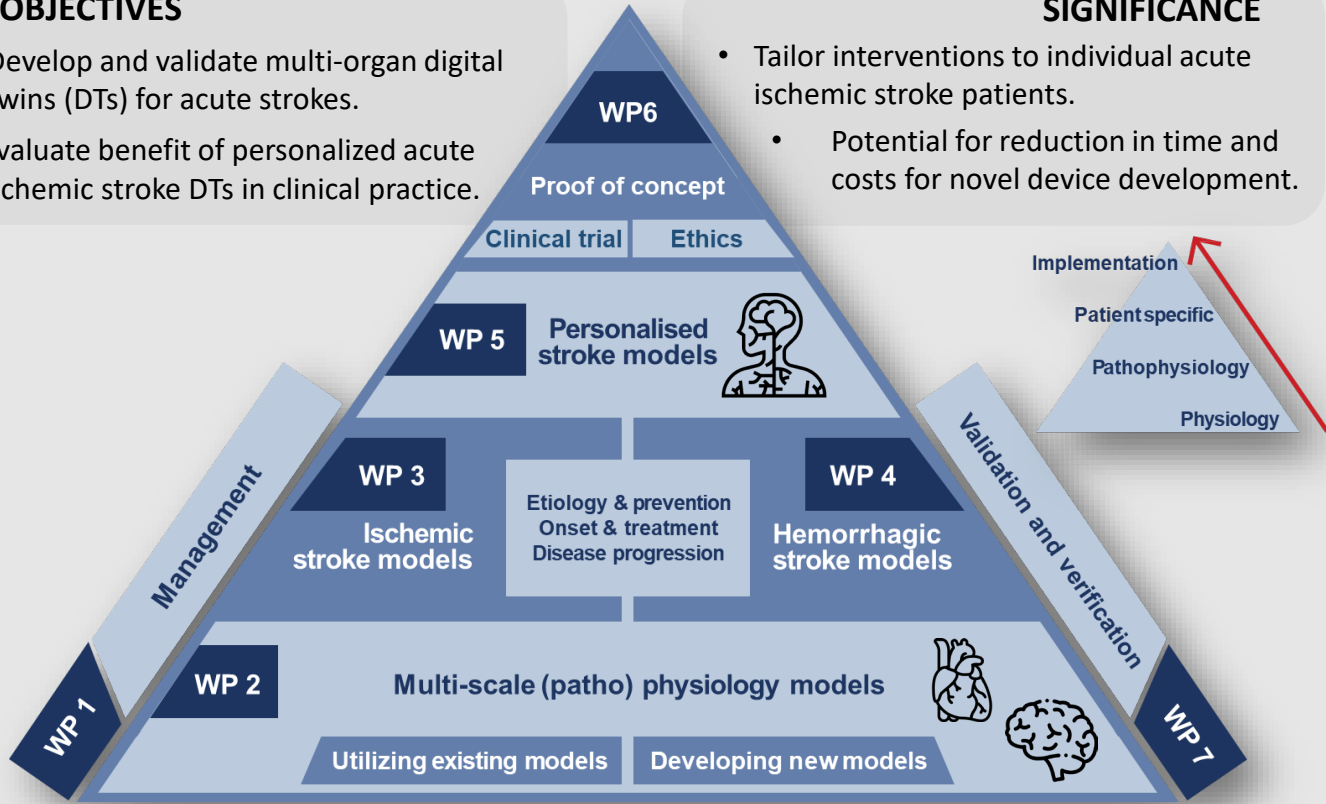
**Digital twin in healthcare:** A computational simulation that predicts quantities of interest necessary to support decision-making within a specific context of use in healthcare.

## OBJECTIVES

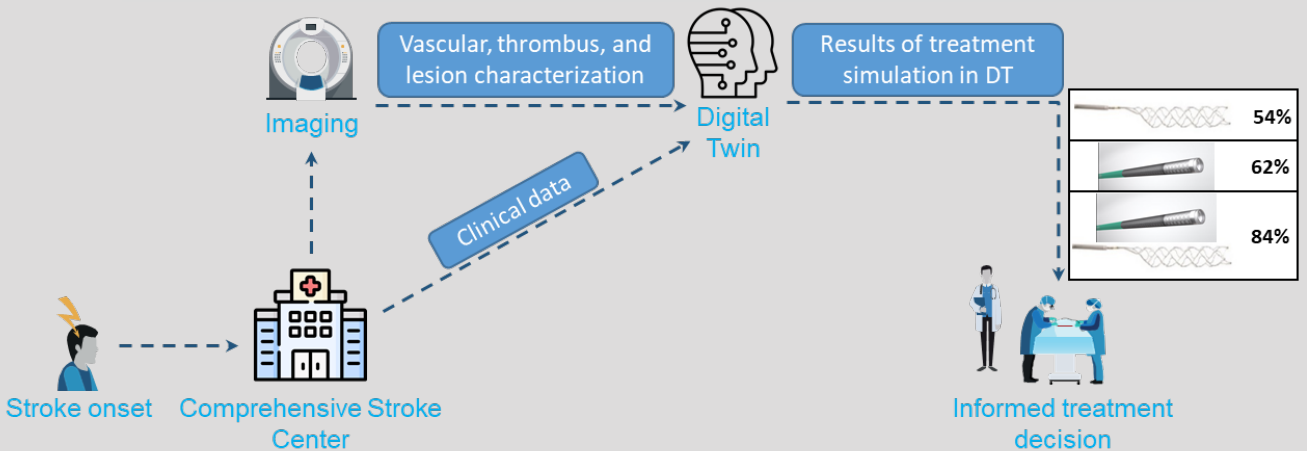
- Develop and validate multi-organ digital twins (DTs) for acute strokes.
- Evaluate benefit of personalized acute ischemic stroke DTs in clinical practice.

## SIGNIFICANCE

- Tailor interventions to individual acute ischemic stroke patients.
- Potential for reduction in time and costs for novel device development.



## Implementation of a personalized digital twin in stroke management



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Find out more: <https://dth-gemini.eu/>