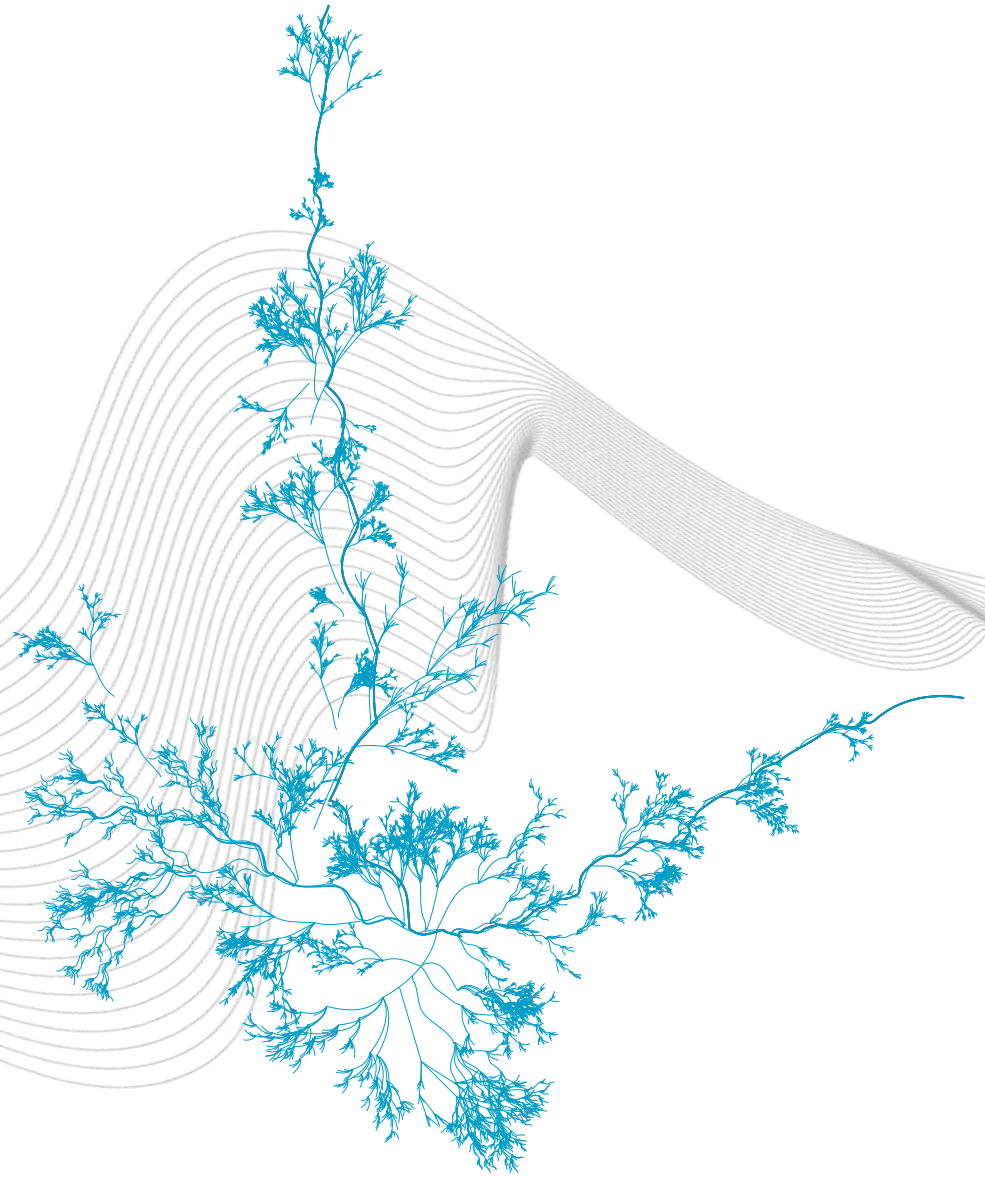


DSSH

A SIMULATION ECOSYSTEM IN HEALTHCARE

Marleen Groenier
Vice-president DSSH

31 March 2026



WHAT DOES DSSH STAND FOR?

The **Dutch Society for Simulation in Healthcare** aims to:
promote the development and application of simulation and serious gaming to
support patient safety, education, training, scientific research, and quality
management in healthcare



A decorative graphic consisting of numerous thin, light gray lines that flow and curve across the upper half of the page, creating a sense of motion and depth. The lines are more densely packed in some areas, creating a 3D effect.

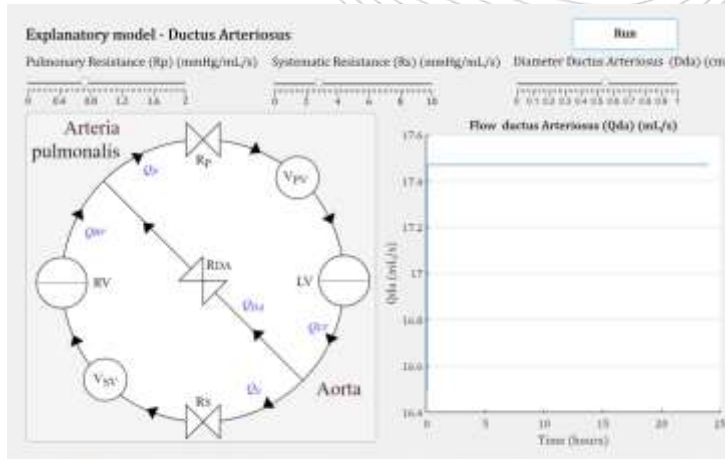
PATIENT SAFETY



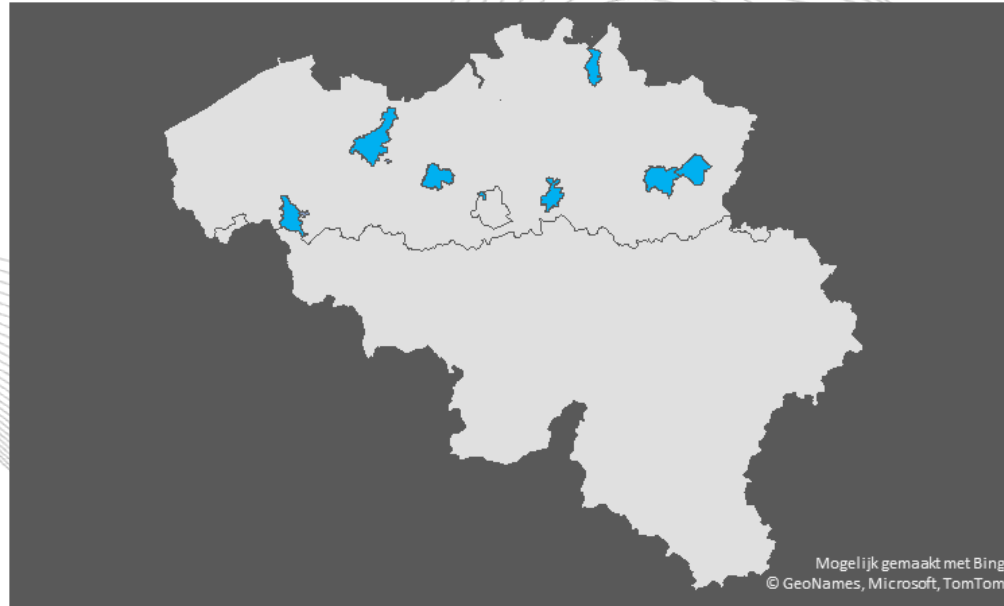
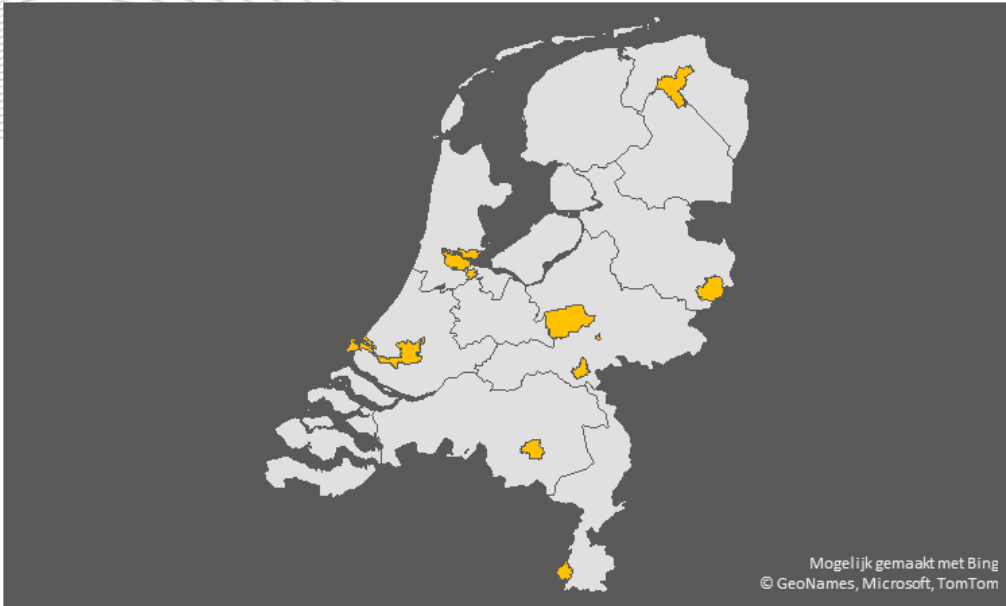
SIMULATION IS DIVERSE



Snijzaal UMCG

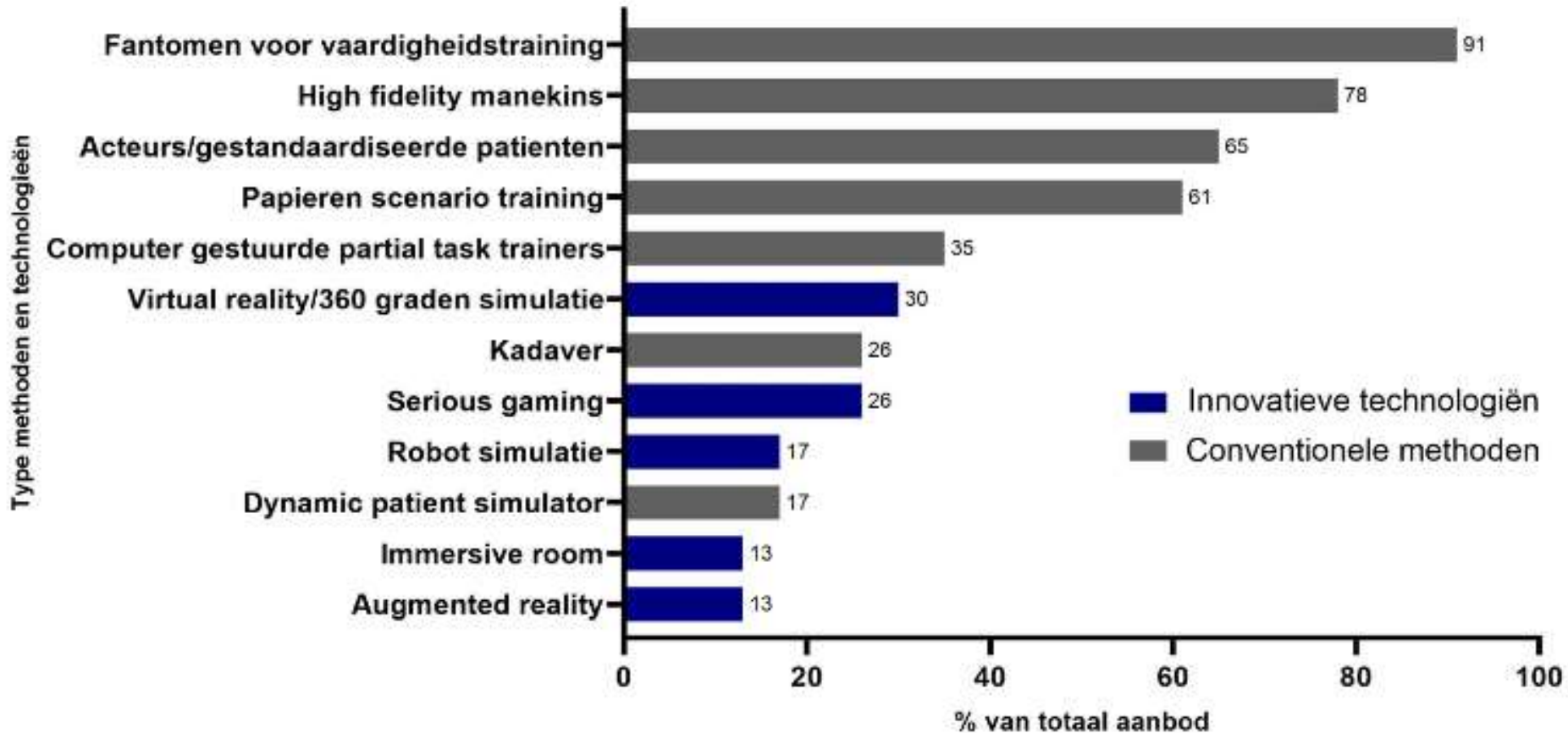


A SIMULATION ECOSYSTEM



<https://tvgg.be/nl/artikels/simulatietraining-en-onderwijs-in-de-gezondheidszorg-virtuele-realiteit-als-belofte-voor-de-toekomst>

A SIMULATION ECOSYSTEM



WHAT MAKES SIMULATION-BASED EDUCATION EFFECTIVE?

- Applying knowledge and skills in authentic yet simulated situations
- Immersing oneself in the experience (“engagement”)
- A standardized and safe environment free of distractions
- Deliberate practice & experimentation
- Feedback & reflection
- It’s okay to make mistakes
- Transfer to real-world practice

Derived from McGaghie et al. (2016)



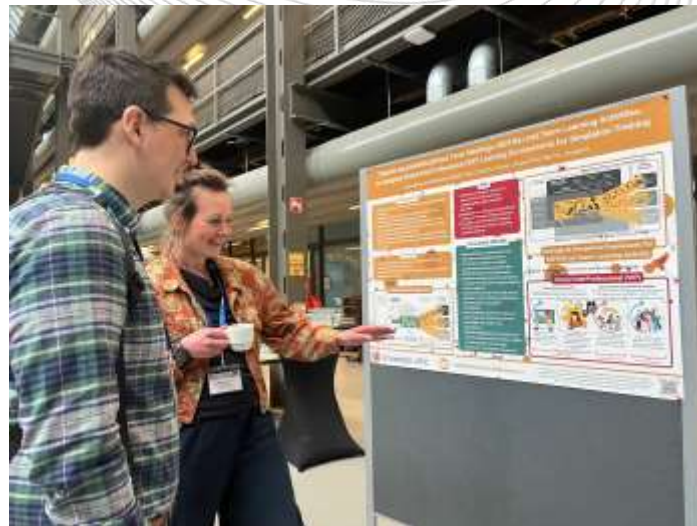
CHALLENGES

- Integration into the curriculum
- Highly qualified trainers/facilitators
- Time and expertise to develop authentic and representative scenarios
- Validated outcome measures for assessment and evaluation
- Costs and resources
- Robust, reliable software and hardware
- Technical support



WHAT CAN THE DSSH DO?

- Flemish-Dutch network of simulation experts and professionals
- Knowledge exchange during the annual conference



DSSH

SAVE THE DATE

Sustainable Simulation

12 & 13 March 2026
Enschede



SAXION



DSSH

UNIVERSITY OF TWENTE. | TECHMED CENTRE

WHAT CAN THE DSSH DO?

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- Faculty development program for trainers/facilitators



SimNEXT



WHAT CAN THE DSSH DO?

- Flemish-Dutch network of simulation experts and professionals
- Knowledge exchange during the annual conference
- Faculty development program for trainers/facilitators
- Serious game certificate



WHAT CAN THE DSSH DO?

- Flemish-Dutch network of simulation experts and professionals
- Knowledge exchange during the annual conference
- Faculty development program for trainers/facilitators
- Serious game certificate
- Support scientific research
- Collaboration:
 - NVMO (NL)
 - SESAM (EU)
 - SSiH (US)
 - GfH (NL)



THE FUTURE OF THE DSSH

3 major developments:



Task force White paper on Mission & Vision of the DSSH



Task force Simulation Accreditation & Standards



Task force SiReN ALERT NL (SESAM)