



Innovative Solutions: MedTech and Process Efficiency in Tackling Staff Shortages

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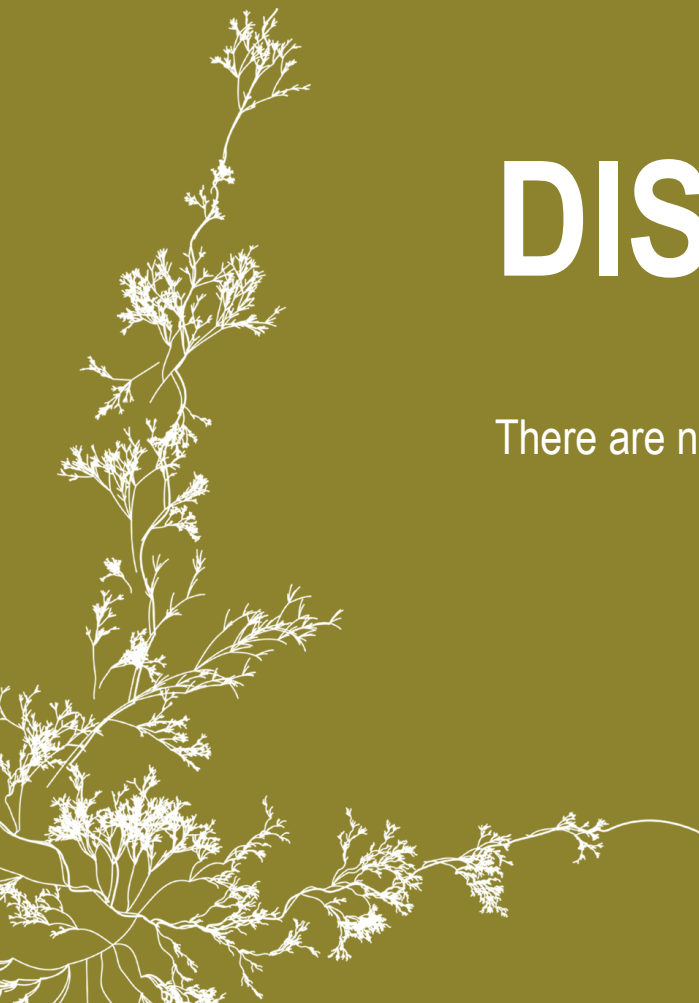
Digital United Training Concepts for Healthcare

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DISCLOSURE SLIDE

There are no financial interests





Digital United Training Concepts for Healthcare



Introduction



Why is DUTCH so urgent?

Shortages in Healthcare

150,000 people waiting for care, but there are shortages

Profession	Advice (2024-2027)	Influx (poll 2021)	Shortage (FTE)
Anesthesia-Employees	356	278	235 (10,3%)
Surgical assistants	729	351	304 (7,7%)
Radiodiagnostic laboratory technicians	291	106	123 (3,2%)

Source: FZO Professions Capacity Plan 2022-2025

* Shortages are calculated on the basis of the vacancy rate and the number of FTEs.

In the meantime, there is **stress** among healthcare workers:

Stress and burnout affect almost all healthcare professionals: 97 percent of the doctors and 99 percent of the nurses surveyed have been affected by burnout symptoms at some point. *Source: Nuance Communications in HIMSS*

Why DUTCH?



Increasing training capacity in healthcare

- * Increasing training capacity with innovative simulations for 50% of the practical hours
- * Scaling up training without extra pressure on the shop floor



Supporting and reducing the workload of healthcare professionals

- * Reducing the pressure on healthcare professionals through virtual technologies and simulations
- * Flexible continuing education for sustainable employability and proficiency in modern technology



Future-proof and attractive healthcare training

- * Promoting consistency, standardization and quality through modern training techniques
- * Making healthcare education more attractive for new generation and lateral entrants

Eastern Netherlands

Number of people working in the region:

Anesthesia Employees (AM): 341 people, 265.7 FTE

Surgical assistants (OA): 696 people, 530.5 FTE

Radiodiagnostic laboratory technicians (RDL): 647 people, 515 FTE

The average annual enrollment for each study program:

- Anesthesia Employees (AM): 26,33 students per year

- Surgical assistants (OA): 34,67 student per year

- Radiodiagnostic laboratory technicians (RDL): 13,83 student per year

Regional challenge- until 2031:

- Anesthesia Employees : 34,9 students per year

- Surgical assistants : 54,88 students per year

- Radiodiagnostic laboratory technicians: 18,02 student per year



Combined forces



Participate

Innovating
Healthcare
Education

Access to
Healthcare
Institutions

Expanding
Market
Opportunities

Scaling
Innovations
Nationally

Driving
Positive Social
Impact

Collaborative
Innovation
and Learning



Ministeries,
branche- en wetenschappelijke verenigingen

UMC's, universiteiten & kennisinstellingen



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Ministerie van Volksgezondheid,
Welzijn en Sport

NL Health-Holland



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nvic



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ZonMw



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Fontys

SAXION

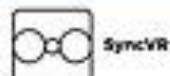
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Digital United Training
Concepts for Healthcare



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TRUE SIM
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RODS & CONES

SIMtoCARE

the
simulation
crew



Laerdal

helping save lives

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Fill the gaps, become a part of our journey

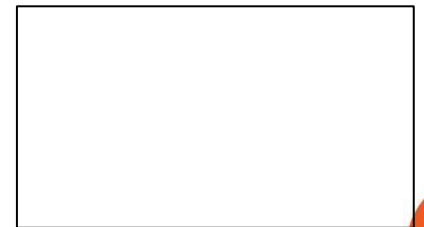
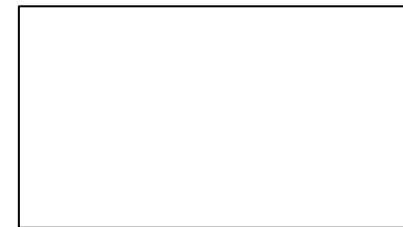


Saxenburgh



UNIVERSITY OF TWENTE.

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