



DEO.care

An AI-driven data and
insights platform to achieve
operational excellence

What We Do

DEO.care uses software to process data and build a process digital twin of your operating room to help you achieve **operational excellence and the quadruple aim**.



How We Do It

We deliver solutions tailored to your operating room through a **process digital twin**.

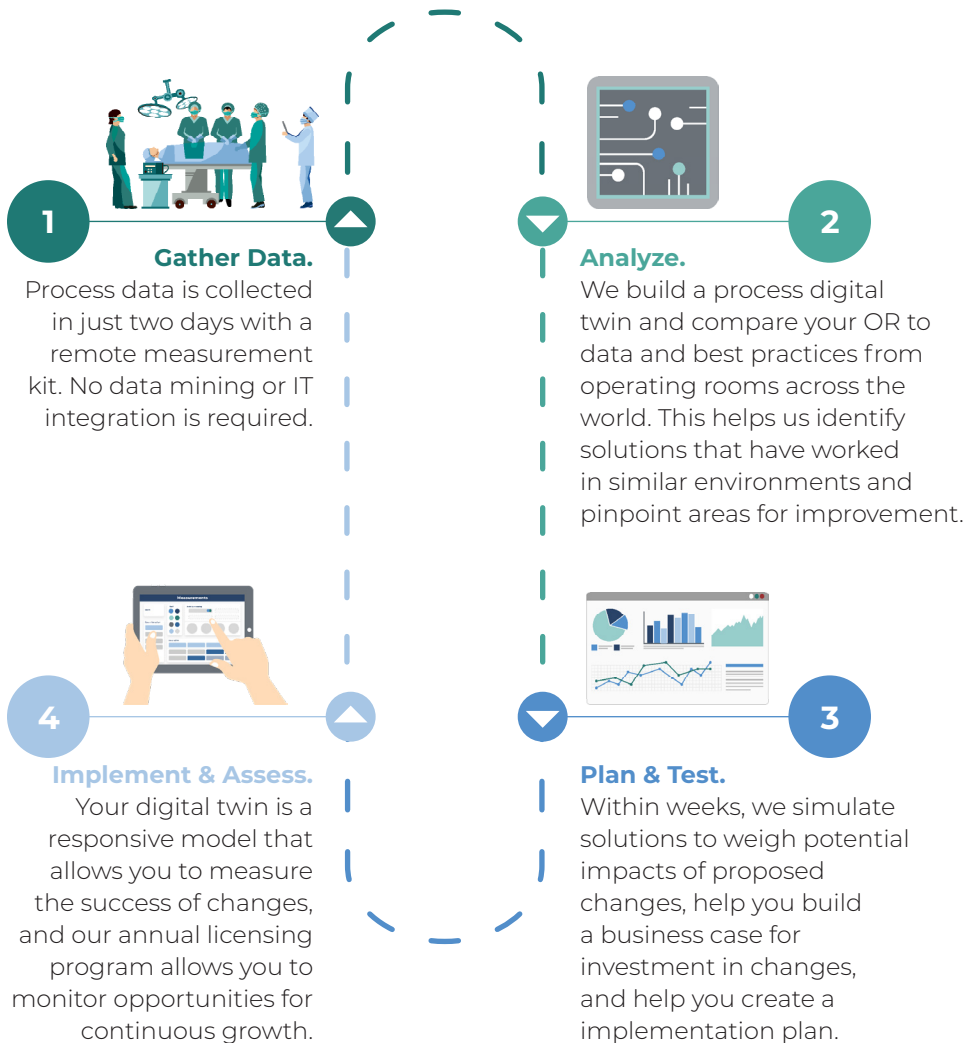
No two operating rooms are the same. You need solutions designed for your people, process, and place. DEO.care uses an AI-driven data and insights platform to create a virtual simulation that duplicates the layout, procedures, team, and overall environment of your operating room, also called a process digital twin. Then, we pair this with a proprietary database of information from ORs around the world to identify areas for improvement and create a plan tailored to your OR's unique needs.

> THE SOLUTION



How It Works

We support your process of achieving operational excellence.



The Results

DEO.care helps solve key challenges in the healthcare ecosystem.

> TEAM WELL-BEING

- Improve ergonomics
- Increase health and satisfaction
- Reduce turnover
- Optimize staff allocation

> PROCESS EFFICIENCY

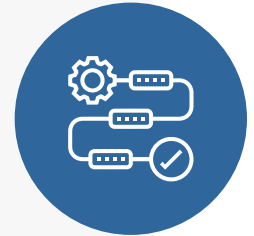
- Create efficient workflows and processes
- Reduce instrument usage and carbon footprint
- Assess impact of technology implementation
- Leverage annual license for continual insights

> FINANCIAL PERFORMANCE

- Increase OR throughput by 1 case per day
- Create a plan for parallel ORs
- Optimize case-mix
- Build a business case for investment

> PATIENT EXPERIENCE

- Create a cohesive experience
- Improve quality of care
- Ensure safety
- Increase satisfaction



> TESTIMONIALS

“Thanks to DEO’s data insights, we have already implemented several improvement ideas in the OR at GZA. Fine-tuning patient appointments and parallel processing are just two examples that have saved us a lot of time and improved workflows.”

Dr. Christophe Olyslaegers, Orthopedic Surgeon, Ziekenhuizen GasthuisZusters Antwerpen

“DEO was able to provide us with unique insights into our OR captured via its comprehensive data-model. These insights have been key to aligning the different teams while revealing opportunities for efficiency improvements.”

Yves Marchal, Innovation Manager, Ziekenhuis Oost-Limburg

“Eliminating OR process variables allows us to standardize the procedure. We start by improving ergonomics to reduce the mental and physical impact on the team. Doing so ultimately improves the process outcomes and positively impacts quality of care. DEO has been critical in helping us generate the data to get here.”

Prof. Dr. Kristoff Corten, Orthopedic Surgeon, Ziekenhuis Oost-Limburg



The hospital’s partner in achieving operational excellence in the OR.

[Schedule a call to learn more about DEO.care](#)

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