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## MedTech Day 2023

An integrated approach for  
future-proof healthcare



### **Tom Bakkes, PhD - Eindhoven University of Technology**

Tom Bakkes is a PhD candidate in the Biomedical Diagnostics lab at Eindhoven University of Technology. With a background in Electrical Engineering, he discovered a passion for applying his technical skills in the realm of Care & Cure. Tom's research focuses on developing clinical decision support systems for perioperative care, specifically patient ventilation asynchrony detection and early postoperative deterioration identification. Collaborating closely with experts from Catharina Hospital in Eindhoven. By using statistics and machine learning, he aims to develop clinical decision support systems that enable clinicians to gain more accurate and faster insights into their patients.