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## MedTech Day 2023

An integrated approach for  
future-proof healthcare



### **Dr. Leon Montenij, (cardio-) anesthesioloog-intensivist, Catharina Hospital**

Leon Montenij is a cardiothoracic anesthesiologist and intensivist, working in the Catharina Hospital Eindhoven. After a propedeutic year and exam in Applied Physics at Delft University of Technology, he decided to study medicine in Leiden, with the ambition to work at the interface of medicine and technology. He was trained as an anesthesiologist in the University Medical Center Utrecht and intensivist in the OLVG hospital Amsterdam, and combined his clinical work with a PhD in hemodynamic monitoring and optimization. Moreover, he obtained a second master's degree in Clinical Epidemiology at Utrecht University. His main research focus in Eindhoven is perioperative monitoring, including advanced hemodynamic monitoring, clinical decision support, remote monitoring, and AI solutions. For this purpose, he combines his clinical work at the Catharina Hospital with clinical consultancy for Philips, and research within the department of Electrical Engineering at the Eindhoven University of Technology.

*<sup>1)</sup> e/MTIC is a partnership in the Brainport region between Eindhoven University of Technology (TU/e), Philips Eindhoven and three hospitals (Catharina Hospital, Kempenhaeghe Epilepsy and Sleep Center and Maxima Medical Center).*