COMET MODULE

SD-OPT – SURGICAL DATA FOR OPTIMIZED THERAPY

Main location: Wiener Neustadt (Lower Austria)
Other locations: none
Thematic area: Life Science

Thematic focuses
- Surgical Data Science
- Surgical Process Modelling
- Clinical Workflow Support
- Data-based Therapy Optimization

Planned realisation and outcomes

The main idea of SD-Opt is based on the concept of Surgical Data Science (SDS) and aims to improve the quality of interventional healthcare through the capture, organization, analysis and modeling of data that is generated during the diagnosis and therapy process. In SD-OpT we will investigate the entire process chain of a SDS setup and showcase the developed function blocks in first concrete use cases in order to ultimately demonstrate the numerous opportunities of SDS and to contribute to its more widespread adoption.

COMET FACTSHEET

Selected company partners (max. 10)**:**
1. EBG MedAustron GmbH
2. Erbe Elektromedizin GmbH
3. Evaluation Software Development GmbH
4. Richard Wolf GmbH
5. World-Direct eBusiness solutions GmbH

Selected scientific partners (max. 5)**:**
1. Delft University of Technology
2. German Cancer Research Center DKFZ
3. Innovation Center for Computer-Assisted Surgery ICCAS
4. INSERM/MediCIS, University of Rennes
5. University of Innsbruck

Selected international[1] partners (max. 5)**:**
1. Erbe Elektromedizin GmbH
2. Richard Wolf GmbH
3. German Cancer Research Center DKFZ
4. INSERM/MediCIS, University of Rennes
5. Tokyo Women's Medical University

Duration:	01.04.2022 - 31.03.2026 (4 years)
Staff employment:	11.1 FTE, thereof 10.1 scientists
Management:	Dr. Gernot Kronreif, CSO
	Dr. Tamas Haidegger, RAM
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[1] Partners with headquarters outside Austria