



CAOS Focus group SOPs in modular digital ORs of the future

Chairs: Patrick Meere, MD, PhD New York, USA and Armin Janß, PhD, Aachen, Germany

Webinar “SOPs in modular digital ORs of the future”

June 19th, 2021, 01:00 pm CEST

09:00 pm AEST

07:00 am EDT

Since 2019 the international acceptance of the open communication standard family ISO IEEE 11073 SDC, initiated by the international OR.NET initiative (www.or.net.org), enables manufacturer-independent medical device interconnection in the OR and therefore provides new potential for the standardization of the intraoperative workflow while maintaining flexibility for its context and patient specific adaptation of SOPs. The approach towards open integrated ORs provides new flexibility for data exchange and visualization, automatic documentation, surgical monitoring and AI assistance as well as remote- and in-the-loop-control of smart device functions and parameters.

The webinar will provide an overview of the SDC standard and will focus on the opportunities and challenges for manufacturers as well as clinical operators and will also present potential applications for clinical users in order to improve the clinical workflow and therapeutic outcome.

01:00-01:20 pm	Frank Portheine (SurgiTAIX, Aachen, Germany): Overview of the new communication standard ISO IEEE 11073 SDC for medical devices and motivation for its application
01:20-01:40 pm	Hans Clusmann (Clinic of Neurosurgery, University Clinic RWTH Aachen, Aachen, Germany): Opportunities and challenges for the usage of the ISO IEEE 11073 SDC standard from a clinical perspective and the need for standardised processes and user interfaces
01:40-02:00 pm	Martin Kasparick (Institute of Applied Microelectronics and Computer Engineering, University of Rostock, Rostock, Germany): How standardization activities help to provide safe and usable SDC devices in the OR
02:00-02:20 pm	Armin Janß (Chair of Medical Engineering, RWTH Aachen, Aachen, Germany): Standardised OR workflows and User Interface Profiles (UIPs) as a basis for usability evaluation and risk analysis within the approval process of SDC-based medical devices
02:20-02:35 pm	Discussion and Conclusion

Free registration: https://rwth.zoom.us/webinar/register/WN_smZ4g8umS3mdjgw6BpFazA

Further information and (free) registration will be soon available on:
<https://caos-international.org/standard-operating-procedures-sop/>