

OR.NET

In the past decades, modern [medicine](#) has been undergoing a change in the direction of digitalisation and automation. Not only the integration of new digital technologies, but also the interconnection of all components can simplify clinical processes and allow progress and development of new innovations. The integration and interconnection of medical devices with each other and with [information technology](#) (IT) systems was addressed within the framework of the Federal Ministry of Education and Research (BMBF)-funded lighthouse project OR.NET ("Secure dynamic networking in the operating room and clinic".) (OR.net-Forschungskonsortium (OR.net Research Syndicate.) OR.net - Sichere dynamische Vernetzung in Operationssaal und Klinik [Online]. Available: www.ornet.org. [last accessed 22 March 2017]). In this project the standards and concepts for interdisciplinary networking in the operating room (OR) were developed.

In a paper, the diverse advantages of the OR.NET concept are presented and explained by the OR.NET "Medical Board". This board represents the forum of clinical users and includes clinicians and experts from various specialties. Furthermore, the opinion from the viewpoint of operators is presented. In a concluding comment of the "Operator Board", clinical user needs are aligned with technical requirements ¹⁾.

¹⁾

Czaplik M, Voigt V, Kenngott H, Clusmann H, Hoffmann R, Will A; further members of the Medical Board, BMBF Research Project "OR.NET – Secure Dynamic Networking in the Operating Room and Clinic". Why OR.NET? Requirements and perspectives from a medical user's, clinical operator's and device manufacturer's points of view. Biomed Tech (Berl). 2017 Dec 29. pii: /j/bmte.ahead-of-print/bmt-2017-0043/bmt-2017-0043.xml. doi: 10.1515/bmt-2017-0043. [Epub ahead of print] PubMed PMID: 29286909.

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