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기타소속:

임상환경에서 의료기기 사용오류와 위험관리 / Medical device use errors and risk management in clinical settings

Abstract:

Medical device vigilance (MDV) is an important post market activity aimed at ensuring patient safety from medical device-related hazard. In this presentation, it will be introduced the regulations and status related to the monitoring of medical device adverse events in Korea and the activities of the Medical Device Safety Information Monitoring Center. The causes of medical device adverse events depend on medical device itself, the patient's conditions, and the way the device is used. Among these, errors in the use of medical devices can arise from usability issues and use errors. This presentation aim to share the causes and severity of problems related to medical device use errors and present solutions through cases of medical device misconnections in clinical settings. Additionally, a single-center investigation and analysis of near-miss cases and causes related to medical device use errors in intensive care units will be presented.

Brief Biosketch

2014 ~ present Assistant (~2019) & Associate Professor (2020~) / Department of Medical Engineering, Dongguk University College of Medicine

2010 ~ 2014 Research Professor / Department of Medical Engineering, Yonsei University College of Medicine

2007 ~ 2010 Senior Researcher / Korea Electrotechnology Research Institute

2006 ~ 2007 Visiting Researcher (JSPS fellowship) / AIST Tsukuba in Japan

2005 ~ 2006 Principal Engineer / Siemens Ultrasound Group Korea Division

2004 Ph.D in Biomedical Engineering, Yonsei University

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