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강연제목: 소프트웨어 의료기기 신뢰성 평가 프레임워크
(Reliability evaluation framework for medical device software)

Abstract:

It is essential to show that safety-ciritical devices are safe and high quality in the medical devices area. Quality and Reliability or Q&R is an important part of health care industry. A wide variety of functions of medical devices rely heavily on software and software is becoming more and more important and widespread because of the introduction of new IT systems. Whether traditional or innovative, the product development process must ensure reliability, and the produced product must be of good quality. This presentation shows the concept of reliability and methodology of a framework for medical device reliability focusing on reliability for medical device software rather than quality.

Brief Biosketch

-PhD degree in Computer science(Computer Graphics) and phD can. in Medicine(Radiology)

-03/2015 to current, Associate Research Professor in the IRCCC, Yonsei University college of medicine,YUHS

 -Research interests: Standardization for Health IT, Reliability of medical device software, Health engineering, and Digital transformation for Health industry

-STD area: IEC SyC AAL, TC62/SNAIG,