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강연제목: 건양대학교의료원 의료기기 사용적합성 테스트센터 소개 및 평가 진행 과정

(Introduction of Medical Device Usability Test Center of konyang
University Medical Center and Evaluation Process)

Abstract:

Usability testing of medical device is a critical component of ensuring product works well and meets the needs of its target audience. It is a type of research in which user experience (UX) research experts evaluate a product or service by testing it with representative users. Typically, usability tests require that participants complete a set of tasks while a study moderator watches, listens, and takes notes to collect several types of data that inform product design. Our state-of-the-art usability test center allow observation of all aspects of the user experience. In the center, we create a testing platform that helps us identify and analyze user actions. We might watch people use a device in a way that feels natural to them to identify trends in user behavior. We might also ask them to demonstrate use in a specific context or ask them to attempt to complete a specific task.

Brief Biosketch

Dr. Woo Chul Jeong is currently a quality management representative at the medical device usability test center of konyang university medical center since 2021. He is also a senior researcher at the medical device convergence center of konyang university medical center in Daejeon since 2020. Dr. Jeong received his Ph.D. in biomedical engineering from Kyung Hee

University in 2015. Currently, he focused on the medical device regulatory affairs, especially on Usability test.