



이름: 김권호 / Kim Kwonho

직위: 연구원 / Researcher

소속: 한국보건산업진흥원 / Korea Health Industry  
Development Institute

기타소속: 의료기기화장품산업단 / Department of Medical  
Devices & Cosmetics Industry

**강연제목: 혁신의료기기의 의료현장 진입 활성화 전략- 제도 활용 중심 /  
Activation strategies for entering the healthcare field with Innovative  
medical devices: Focusing on the regulation**

**Abstract:** Medical devices incorporating artificial intelligence(AI), digital therapeutics(DTx), and robotics are continuously being developed. These medical devices, which have the potential to enhance the effectiveness of disease treatment or diagnosis, are referred to as innovative device or breakthrough devices. Various countries such as South Korea, the United States, and China have been operating a system for designating innovative medical device supporting expedited approval processes for medical devices. In particular, South Korea has established an integrated review system which included New Health Technology Assessment and eligibility for medical insurance coverage etc. for innovative medical devices utilizing AI, digital technologies to facilitate rapid entry into the healthcare field. This presentation focuses on strategies for entering the healthcare field through an integrated innovative medical devices review system.

**Brief Biosketch**

학사 : 강원대학교 신소재공학과('02.3~'08.2)

석사 : 성균관대학교 신소재공학과('10.3~'12.2)

박사 : 한국과학기술원 생명화학공학과('13.3~'17.8)

한국보건의료연구원('19.11~'20.8)

한국보건산업진흥원('20.8~현재)