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(국문/영문)기타소속:

국문 강연제목: 유연소자를 활용한 무선 바이탈 사인 센싱 플랫폼

영문 강연제목: Soft and Flexible Wireless Monitoring

Platforms for Vulnerable Population

Abstract(영문): Medical devices have seen limited innovation over the past few decades. Current systems are often too bulky, rigid, and tethered by multiple wires, which increase the risk of skin injury, complicate the clinical workflow, and limit the adaptability for remote patient monitoring. In addition, these systems are fundamentally designed with limited upgradability to integrate emerging innovations in biomedical engineering. Advances in medical monitoring using wireless communication, skin-interfaced multimodal sensing, interoperable and cloud-enabled software ecosystem, and AI/ML analytics for non-conventional biomarkers lead into innovation and modernization in patient monitoring across wide range of clinical applications from neonatal and pediatric monitoring, pregnancy monitoring, and older adults monitoring with neurological disorders. This seminar will cover related research advancement and commercialization pathways.

Brief Biosketch (간단한 이력, 연구/대외활동 소개,국문/영문)

2025 - Present: 고려대학교 바이오의공학부

2020 - 2024: 사이벨 인터내셔널 CEO

2018 - 2024: 사이벨 공동창업자, 기술개발부사장