이름: 추유성/Yuseong Chu

직위: 박사후 연구원/Postdoctoral Researcher

소속: 연세대학교 원주의과대학 정밀의학과/ Precision Medicine, Yonsei University Wonju College of Medicine

기타소속:

강연제목: 피부 영상 데이터 기반 피부암 진단 보조 AI 모델 개발
Development of an AI Support System for Melanoma Diagnosis Using Dermatological Imaging Data

Abstract:

Skin cancer is one of the most common and deadly cancers worldwide, and melanoma is one of the most aggressive types. Early and accurate diagnosis is important to improve patient prognosis, but diagnostic accuracy can vary depending on clinical expertise and imaging conditions. Recent advances in artificial intelligence (AI), especially deep learning, have shown great potential to improve the detection and classification of skin cancer through dermatological image analysis. In this presentation, we introduce our research on melanoma diagnosis using AI models trained on dermatological image data.

Brief Biosketch

Education

Mar. 2019 ~ Aug. 2024 Ph.D., Biomedical Engineering, Yonsei University, Korea.

Mar. 2014 – Feb. 2020 B.S., Biomedical Engineering, Yonsei University (Mirae), Korea

Work experience

Sep. 2024 – Present Postdoctoral Researcher, Precision Medicine, Yonsei University Wonju College of Medicine, Korea

Research Interest

1) Diagnosis supporting system (Dermatology) with deep learning
2) Medical augmented intelligence study
3) Explainable AI