

Application of Artificial Intelligence in Imaging



Speaker:

Dr. Reza Berenji

Clinical Professor, Radiology, University of California
Los Angeles (David Geffen School of Medicine)

NOV 24th on Zoom

11:30AM PT

Artificial Intelligence (AI) and its emerging applications are increasingly impacting our lives in recent decades. Advancements in computing systems has made it possible for AI applications to enter the healthcare domain. AI powered health information systems in the near future may have a substantial impact on delivery of healthcare and practice of medicine. Among different branches of medicine, introduction of AI in imaging has been much slower than other fields due to its high computing demand and other safety and reliability concerns.

In this presentation, Dr. Berenji will briefly discuss imaging department workflow and basics of radiology information systems (RIS) including Picture Archiving and Communication System (PACS), followed by review of AI applications in imaging including imaging information systems, image acquisition and interpretation and radiomics. Additional discussion of an FDA approved, AI-powered "radiomics" tool in diagnosis of prostate cancer will conclude the presentation.

CLICK HERE TO JOIN ON ZOOM

Meeting ID: 889 7826 5375

For more details: uvic.ca/hsd/hinf/



**University
of Victoria**

Health Information
Science