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Radiology and Oncology

July 16-17, 2018   Dubai, UAE

Sanjay Gandhi

North Bristol NHS Trust, UK

Latest advances in artificial intelligence, computer-aided cancer detection and machine learning in radiology and oncology

Artificial Intelligence (AI), Computer Aided Detection (CAD) and Machine Learning are increasingly used in the assessment of a wide range of diseases including colorectal, lung, breast, prostate and many other cancers. There are many other potential uses of AI such as scan optimization, quantification. Presentation covers common pitfalls and performance related issues of commercially available CAD systems. New developments along with practical tip the use of CAD. Medical professionals, CIOs, Software developers, Healthcare and IT Executives will find this overview of AI useful.

Biography

Sanjay Gandhi has won multiple national and international awards for his contributions to the healthcare innovations and higher education. He is core Clinical Research & Innovation Lead at one of the largest tertiary care teaching hospitals in the UK. He is the head of radiology training at the University of Bristol and the chairman of the British Institute of Radiology South West. He has published several research papers and editorials on the benefits of modern technology. He has contributed to numerous collaborative cancer trials. He is on the editorial boards of 4 international journals and has co-authored and edited 8 medical textbooks.

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