Application of Artificial Intelligence in field of urological cancer

Neel Gandhi

Pandit Deendayal Petroleum University, India

Abstract

Artificial intelligence (AI) techniques like artificial neural networks, Bayesian belief networks and neurological fuzzy systems are widely adopted in urology.AI approach are found to be more exploratory as well as accurate in the terms of prediction compared to conventional statistics. The model is complex mathematical based models derived from working of human brain. A detailed study conducted in the field of urology using a technique resulted in finding new dynamic applications in the field of neurological cancer treatment. The results of machine learning techniques and implementation were focused on handling as well as prediction using artificial neural networks for the purpose of diagnosis, prognosis and treatment of cancer. Different techniques of AI depending on respective characteristics, where found suitable for different tasks.Also,the lack of transparency in neural networks was also overcome using neuro-fuzzy systems.

Speaker Publications:

1. "Participated under Young Research Forum Category, AI & Big data 2020, Webinar, August 17-18, 2020.

3rd International Conference on Artificial Intelligence, Machine Learning and Big Data; Webinar- August 17-18, 2020.

Abstract Citation:

Neel Gandhi, Application of Artificial Intelligence in field of urological cancer, 3rd International Conference on Artificial Intelligence, Machine Learning and Big Data; Webinar-August17-18,2020.

(https://artificialintelligencebigdata.enggconferences.com/abstract/2020/recurrent-neural-network-based-image-compression)

Biography:

Neel Gandhi is pursuing his Bachelor's in Information and communication technology having experienced in Artificial Intelligence in Healthcare from Pandit Deendayal Petroleum University. He is associated with IEEE and has done projects in field of artificial intelligence. He has participated in many conferences and interested in research