

Remedi

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Abstract:-

Robotics in indian healthcare system. Robolutionize the healthcare services by unleashing the might of robotic culture made for the people of india.

Keywords

Artificial intelligence, Robotics surgery, Robots in cancer therapy, immunoassay techniques.

The use of artificial intelligence with robotics in the field of healthcare sector has emerged utility for India is important since it has limited health resources and provides for a large growing population. AI works with an amalgamation of fast amount of data using fast and complex algorithms. The main idea is to use of AI with robotics in field like assistance in surgery, streaming hospital logistics and conducting routine check up. The main idea to come up with AI is through machine learning. The use of machine systems that will learn and adapt without explicit instructions to analyse and draw inferences from data patterns. AI focused on manipulation and interpretation of data by human beings. so we will design a robot which works on the principle of encoding and decoding of data by the knowledge of machine learning and data processing, cloud computing.

Robots in surgery :-

For any disease to be cured it needs to be detected first. The robotics culture is basically going to work on the principle of biosensor which will receive signals through the suction electrode chips present at the robots head.

Robots in data storing :-

For the patients to overcome the disease certain data needs to be stored which will be done through cloud computing.

Robots in cancer therapy:-

Robots will assist in cancer therapy using certain immunoassay techniques which first study the antigen antibody reactions and then further action takes place by tissue culture technique.

Conclusion:-

Once Robots are introduced in the healthcare industry it will not only improve the condition of healthcare services but also increase the productivity of the economy of the country India.

Words from the author:-

Once robotic surgery is brought into consideration it will be of great help to deteriorating conditions of our healthcare sector.