Artificial intelligence in healthcare: past, present and the importance of artificial intelligence in the Indian healthcare system

Artificial intelligence (AI) aims to mimic human cognitive functions. It is bringing a paradigm shift to healthcare, powered by increasing availability of healthcare-data and rapid progress of analytics techniques. We survey the current status of AI applications in healthcare and discuss its future. AI can be applied to various types of healthcare data (structured and unstructured).

AI 50: America’s Most Promising Artificial - Forbes

Artificial intelligence is playing a crucial role in the cancer medicine industry. For example, Cancer Scout, a large-scale proteomics provider, has unlocked the potential of serum biomarkers in prostate cancer. The software, called Paige Prostate, is the first AI-based software approved by the FDA that leverages artificial intelligence (AI) to automatically detect prostate cancer. Paige Prostate can be used to provide additional information for pathologists conducting primary diagnoses for prostate cancer.

Pathology industry executives said Paige’s AI-based software can be used to provide additional information for pathologists conducting primary diagnoses for prostate cancer.

will fda authorization of paige software accelerate ai adoption in pathology?

This open environment allows for the secure exchange and flow of data so that pathologists can access advanced algorithms from third parties alongside Roche’s menu of artificial intelligence-based tools.

roche opens access to pathology imaging tools to improve patient care

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