Editorial

Future of Dentistry: Artificial Intelligence

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The evolution of Artificial Intelligence (AI) has evolved in last decade tremendously. Artificial Intelligence is defined as "a field of science and engineering concerned with the computational understanding of what is commonly called Intelligent behaviour and with the creation of artifacts that exhibit such behaviour" (Encyclopaedia of Artificial Intelligence, Wiley)

From the last decades technologies have been evolved, which try to impersonate the act of human and read the brain to copy their functions.

In this lead there is some artificial neural networks, which are strongly interconnected computer networks, mimics the human nervous systems.

Recent evolution of Artificial Intelligence in the field of Dental Education is an Intelligent tutoring system which is Unified Medical Language System (UMLS) this system creates interactive interphase to the students through which students can evaluate their works and can also compare this creative virtual reality with 3-dimentional image that shows better result to the students for their newer creations or ideas.

Role of Artificial Intelligence in the Dentistry, Artificial Intelligence can manage paperwork better than the humans and save paper wastage, can also Book Patient's regular appointments, Assist in clinical Diagnosis is one of the most important advantage for the benefit of Patient, Gives various options as treatment outcomes.

As, Imaging technologies like CBCT/MRI are already works very well as part of Artificial Intelligence technologies towards the betterment of diagnosis and treatment planning.

Many more Software's and Robots will come in future for the help of dentist, but they can replace humans and their values.

So, understanding and adaptation of Artificial Intelligence technologies will give clear cut benefits in future and give dentist's a multidisciplinary approach.

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