**From the editor’s desk…**

Futuristic trends in medical Science!

Medical science is an ever-developing field where newer trends are imperative for enhancing the quality and duration of life. Trends are basically documentation of progress and experimentation. Therefore to make progress visible thirst to attempt ‘something new’ needs to be raised. Future of medical science lies in adaptation to these trends and considering them as opportunities to accustom to new age therapeutic culture.

Medical Science is progressing rapidly owing to invention and incorporation of latest technological advancements. The core team includes doctors, researchers and bio-medical scientists/engineers. Their combined efforts have not only created new paths of success for the healthcare sector but also facilitated during times of crisis like Covid 19.

The healthcare sector is one of the highly demanding areas where constant, feasible and economical technological innovations are essential. The omnipresence of wearable devices that can track patient’s data and seek suitable care using Internet of Medical Things (IoMT) is well appreciated in current times.

The digital transformation has enabled employment of technologies like virtual reality, augmented reality, artificial intelligence, sensors that uses block-chain, Fog and cloud computing, 5G network and big data analytics.

The changing face of old evidence-based healthcare system into a smart and personalized healthcare system is attributed to the advent of newer devices pivoting around these technologies.

Remote health monitoring systems and smart devices together with telemedicine/ teledentistry platform, robots and drones can contribute significantly in disease prevention by enabling screening, early diagnosis with subsequent management and facilitated living.

Although the promise and ease of use of these devices for healthcare monitoring appears to alleviate the need for hospital visit. But the associated challenges like privacy, security and management of data, cost efficacy, environmental concerns and standardization need to be addressed for cost efficient, flexible and consistent systems fit for healthcare needs to enable mass acceptance.

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