



Editorial

Innovations in global health care: A new revolution

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Though medical innovations have occurred throughout the journey of medicine, as per World health organization, innovations in health care are a new boom with technological advances in this era. Medical innovation also means ever-increasing awareness and transformation of the existing process for better services, requirements and opportunity for patient health care.

The new look outs are

Artificial intelligence

The use of machine learning and algorithms in life science whether it is detection, diagnosing, treatment or progression of disease. The critical advancement in data amalgamation will bring about major improvements in healthcare is the new thought process which enables access to the health reports on their phones.”

Advancing mRNA technology

This was basically used for creation of vaccines in the COVID – pandemic.

Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) gene editing

This technology can potentially transform how diseases are treated. It has shown to have significant advances in cancer and HIV.

Patients embracing telehealth and virtual visits

The satisfaction level in patients has gone an upscale in this aspect.

Augmented and virtual reality

Utilization of augmented reality (AR) and virtual reality (VR) for physician training and education purposes. Apart from advanced surgeries it can also be used for helping with pain relief, and treating mental health conditions (overcome their fears by providing them a controlled environment for social interactions).

Implementing 3D printing

To build up models, medical devices, custom implants or joints, prosthetics, skin cells for burn victims and artificial organs. One of the main benefits of 3D printing is that it greatly accelerates manufacture processes and, thus, also reduces the price tag of traditionally manufactured products.

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Adjusting to wearables and in-home testing

Wearable devices including bandages that can trail workouts, heartbeats, blood oxygen levels and sleep patterns and incorporation of these by the physicians for monitoring of health.

Conflict of Interest

None.

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