

Recent Trends of Virtual Technology in Healthcare

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Description

Virtual technology has become a new trend term in healthcare. The digital era has led to many developments and inventions in healthcare, resulting in the production of several devices. Virtual technology enables simple and clear communication between clinicians and patients. The evolution and evolutionary patterns of virtual technology have become healthcare game changers. Virtual visits between clinicians and patients have provided great relief to the community during the Covid pandemic.

The outbreak of Covid19, the biggest pandemic of the century, has caused global turmoil and forced people to stay where they live for long periods of time. The rapid spread of the coronavirus around the world restricted people's freedom of movement and assembly. Through communication technology, better targeting and programming of audio and video device media has facilitated clear virtual conferencing and benefited the community. During the Covid crisis, in addition to patients and clinics, pharmaceutical departments, business modules, and publishers also used virtual technology to easily communicate, mediate, and process their businesses. The use of social media in health care has brought about tremendous positive changes in the relationship between patients and doctors.

Social media has become an important tool for community-friendly healthcare communication. Social media provides users with a variety of platforms. Hospital organizations, clinics and pharmacies can use social media to post information about opening hours, availability of reservations and in-store medications. Online social media can also be used by health organizations to provide valuable information about seasonal flu, illness and other teams, health and market forecast reports. These reports provide insight into the forecast.

Virtual Reality

Virtual Reality (VR) is used as a powerful diagnostic tool to help doctors and medical professionals make accurate

diagnoses. This is done in combination with other methods such as MRI/CT scans, eliminating the need for invasive techniques and providing a painless experience for the patient. Exposure therapy is one of the standard methods for treating different types of mental illness. VR is slowly changing the way exposure therapy is offered to people with mental illness by providing affordable, flexible, low-risk solutions for treating mental illness. VR can also help treat anxiety and panic attacks by providing new ways to relax and calm the body.

VR simulation technology has long been used in medical education and training. Large VR-based companies are developing products that combine 360-degree video with 3D interactive content to create the best learning programs possible for doctors and students. This technology enables you to practice complex, life-saving procedures, hone your skills, and get usability feedback during the process in a risk-free environment. Virtual reality is also gaining attention today.

Cognitive distraction techniques have long been used by physicians to treat different types of pain. VR gives these distractions a new look by offering a variety of interactive games. These games are played in a simulated environment and have interactive capabilities. Some apps provide therapeutic VR for burn victims, but there are also very advanced measures that allow for efficient management of limb pain. In addition, VR acts as a drug-free alternative to pain treatments that can be used with or without clinical supervision. Virtual reality in surgery has been around for some time and is becoming very popular with medical professionals. The operation is performed by a robot controlled by a human surgeon. This method reduces the time and risk associated with surgical complications. VR plays a major role in remote surgery performed by surgeons on patients elsewhere. The force feedback feature helps surgeons measure the pressure exerted when performing delicate procedures such as dentistry, etc.