Chapter 5
Emerging Implications of Metaverse Healthcare Analysis to the Individual and the Society

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ABSTRACT

Nowadays, Metaverse continues to be a boon for virtual space. The word Metaverse was coined by Neal Stephenson in his science fiction novel "Snow Crash." It has become the next iteration of the internet. Metaverse is defined as a distinct, ubiquitous, deeply engaged, insistent, 3D virtual space where we can virtually create a life better than the physical world. The real world has evolved tremendously since the COVID-19 pandemic. People have isolated themselves from gatherings and other activities. Organisations began to use new technology for remote work. Metaverse had pushed forward to fix the problem by employing augmented reality (AR), virtual reality (VR), mixed reality (MR) and extended reality (ER). Furthermore, the

metaverse is regarded as a web of a virtual environment in which avatars interact to provide an immersive experience. Metaverse features include digital avatars, decentralisation, highly effective remote work, security, and privacy.

INTRODUCTION TO METAVERSE HEALTHCARE

Defining the Metaverse in Healthcare

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Metaverse is one of the backbones of the video game industry. Gaming Firms are initiating substantial R&D investment in order to explore novel, creative and exclusive methods for proposing games to the metaverse. private digital spaces are likely to be the most popular in the metaverse world. New-age digital real estate and online forums would be easily accessible by each and every individual. Metaverse has made a big transformation in the healthcare sector through digital treatments where VR and AR technology enables various medical treatment applications. (Lee, L et al., 2021)

In our upcoming chapters, we are going to deliberate through how Metaverse evolved around the virtual clinics and hospitals and how it is been used by virtual doctors, Nurses and virtual coaches in the medical field. We are going to discuss the experience of the patients in the Metaverse and the social and economic effects of Metaverse healthcare. The additional factor impacting the development of the

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