

"Exploring the Potential of Metaverse in Healthcare: Opportunities, Challenges, and the Future"

to provide an in-depth examination of the metaverse in healthcare, including its definition, applications, benefits, challenges, and future potential

SURREY NORTH, BRITISH COLUMBIA, CANADA, January 31, 2023 /EINPresswire.com/ -- Rapid integration of AR and VR in healthcare to improve efficiency of medical equipment and perform complex surgical procedures, development of virtual surgical suites to facilitate easy communication, and increasing investment to develop



metaverse platforms for healthcare are some factors expected to drive market growth Emergen Research has recently published its latest report titled "<u>Metaverse in Healthcare Market</u> By Component (Software, Hardware), By Technology (AR, VR, AI, MR), By Device (VR Headsets, AR Devices, Mixed Reality Platforms), By End Use (Medical Training & Education Modules, Diagnosis, Treatment, Designing ORs, Surgical Training, Remote Monitoring, Others), By Region Forecast to 2028

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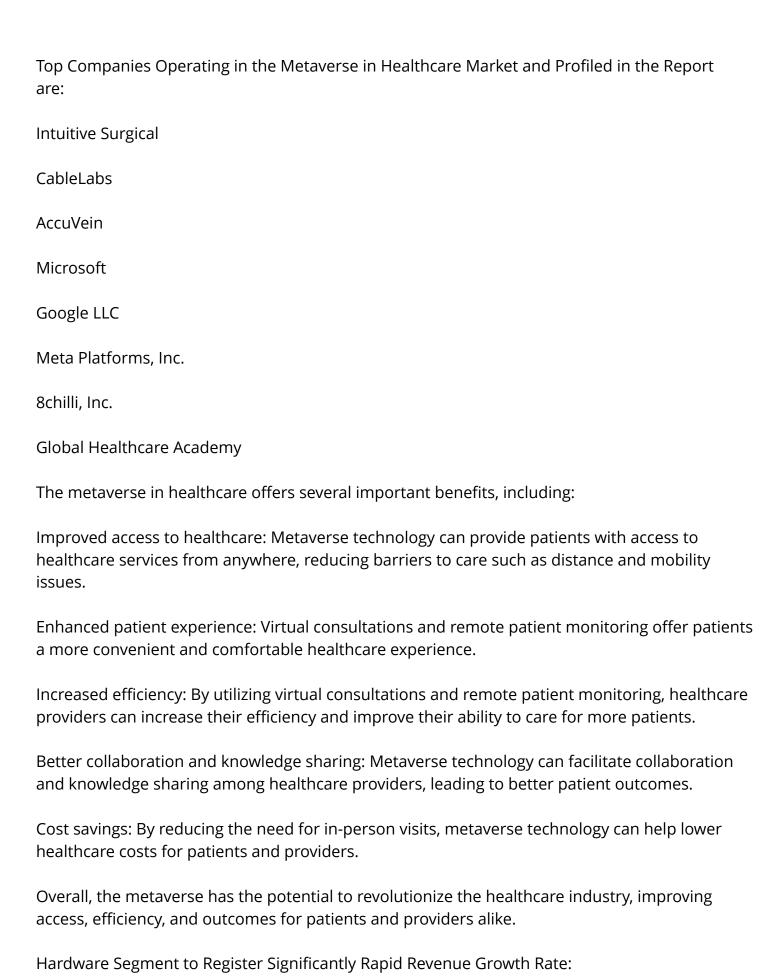
Report Scope:

Forecast Period: 2022-2028

CAGR: %%

Base Year: 2022

Number of Pages: 250



Hardware segment is expected to register a rapid revenue CAGR over the forecast period attributable rapid advancements in hardware technology, growing adoption of AR devices and VR headsets for surgeries and training, and development of haptic devices to offer more enhanced metaverse-focused sensory experiences.

Medical Training & Education Modules Segment Revenue to Support Market Growth:

Medical training and education modules segment is expected to dominate other end use segments in terms of revenue share over the forecast period. Increasing integration of AR, VR, and MR to explain and perform surgical procedures, increase awareness and improve patient education, enhance surgical accuracy, and to help healthcare professionals understand the mode of action of medical devices and medicines.

For the purpose of this report, Emergen Research has segmented the global metaverse in healthcare market on the basis of component, technology, device, end use, and region:

healthcare market on the basis of component, technology,
Component Outlook (Revenue, USD Billion; 2018-2028)

Hardware

Software

Technology Outlook (Revenue, USD Billion; 2018-2028)

Virtual Reality

Augmented Reality

Mixed Reality

Artificial Intelligence

Device Outlook (Revenue, USD Billion; 2018-2028)

AR Devices

VR Headsets

Mixed Reality Platforms

End Use Outlook (Revenue, USD Billion; 2018-2028)

Medical Training & Education Modules

Others
North America to Account for Largest Revenue Share:
North America is expected to account for the largest revenue share in the global over the forecast period attributable to increasing advancements in healthcare infrastructure, rapid integration of AR and VR devices in healthcare sector, technological advancements in AR and VR, and robust presence of metaverse-focused companies in the region
Final thoughts on metaverse in healthcare
In conclusion, the metaverse in healthcare represents a significant opportunity to improve access, quality, and outcomes in healthcare. While there are still challenges and limitations to be addressed, the potential benefits of this technology are numerous and far-reaching.
Healthcare providers and leaders should carefully consider the opportunities and challenges presented by the metaverse and work together to adopt and integrate this technology into their practices. This will require investment in research and development, as well as a willingness to embrace change and adapt to new ways of delivering care.
The future of the metaverse in healthcare is exciting and holds the potential to transform the healthcare industry for the better. By continuing to invest in and develop this technology, we can improve access to care and enhance the patient experience, leading to better health outcomes for all.
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Surgical Training

Remote Monitoring

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