Abstract

Health care is one of the fastest growing sectors in India and Indian government has aggressive plans to develop India further into global health care hub. It presents a great opportunity for the growth of the entire health industry – medical devices, health care providers and pharmaceuticals manufacturers. The gap between the required growth in healthcare infrastructure and care providing staff in India cannot be addressed through an incremental and linear approach. Latest advancement in technology like artificial intelligence, internet of things (IOT) and blockchain can enable the healthcare industry to adopt disruptive led service and business models, scale up for access and affordability and take the winning leap to make India a global health care hub. Primarily, these technologies are artificial intelligence, internet of things and building information modeling. However, switching to such technologies is not easy for every health care institution particularly in developing countries such as India. Adoption of such advance technologies faces many challenges. Present research focuses on such barriers and further discusses the interrelationship amongst these barriers using ISM methodology.
References

2. Reimagining the possible in the Indian healthcare ecosystem with emerging technologies, the Bengal chamber report , 2014https://www.bdcnetwork.com/bim-healthcare

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