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Health Information System and the Implications of AI System in Healthcare

1 What is Health Information System?

With how fast the world moves and innovates today, we expect a lot of new ideas, innovation, systematic and technological changes, and societal developments happening around us. One of which being said is the Health Information Systems. Health Information Systems (HIS) is an engineered system that covers and functions to capture, store, manage, and transmit health-related information that can be sourced from individuals (mostly patients) or activities from a health institution or facility. HIS is an impressive and a breakthrough in the health care field because it developed disease surveillance systems, patient managing and administration systems, human resource management information systems, and laboratory systems. HIS are developed and implemented because of the towering concerns about cost and quality of health care across the world. Quality health care is a necessity and therefore, should not be limited to everyone in the society. Furthermore, HIS is very helpful in policymaking and decision making of health institutions and health administrators. It helps health care worker choose and apply the best medical practice as possible so as to give the patients the highest quality of health care. Health Information System also can play a big role in the aftercare of patients. If Health Information System is effectively implemented, its role in the aftercare will be efficiently keep the patients intact with their health what-a-bouts even though they are out from the health institution already.

Health Information System can also be referred to as a mechanism which safekeeps and keep track all data related to health care like medical records, medication logs, appointment schedule, insurance information, and financial accounts. Furthermore, Health Information System is developed consisting six components including Health Information System Resources, Indicators, Data Resources, Data Management, Information Products, and Dissemination and Use. These six components, can be categorized as either input, processes, and outputs. Lastly, if these components will work effectively and correctly with each other, then we can expect great outcomes and impacts to our society and people.

2. What are the implications of "ChaptGPT" in your work as a medtech?

As a health care provider in the future, Artificial Intelligence and other helpful technology platforms provides numerous benefits and advantages to the field of medicine and health care. Technological platforms such as ChatGPT contributes to a better and more advanced patient care and assessment as it generates wide scope of systematic notions and thoughts about things related to health care. Additionally, working on patient data with human capacity only can sometimes lead to mistakes and so with Artificial Intelligences like ChatGPT, we can be able to diminish the possibilities of errors. AI also contributes to better decision-making of health practitioners. The platform ChatGPT could give up thousands of possibilities on how to do things the right way or show results about academic medical researchers to provide practitioners supporting knowledge to apply in the medical aspect. Fundamentally, chatGPT can take an interesting role in the medical field just by being a chatbot that assist people from their medical needs and guesses.