Assignment-4 On Disruptive Innovation In Healthcare

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1 Introduction

As applied to healthcare, disruption can be a fundamental mechanism through which we can build a higher quality, more convenient, and lower cost healthcare system. Examples of disruptive innovations in healthcare include the use of miniaturized blood glucose meters that patients can take along wherever they go.Disruptive Innovation is a new product,service,idea that change industry especially market.Healthcare is expensive,complex,changing,unaffordable,frustating.

1.1 New Technology

1.1.1 Consumer device,Wearable and Applications-

Earlier people had to go to hospitals for their normal checkup like blood pressure, heartbeat,pulses , diabetes, etc .and had to expand money on it. But now it will be easier by using smart phone , smartwatches,etc.Collect daily data of our meal, exercise and many more by using wearable equipment (clothes, earrings,ring,bracelets,watches ,etc).

1.1.2 Augmented Reality-

It joined the real world and digital information onto existing environment.It used by surgeons for projecting life saving information into their eyesight during operation.Example Microsoft lenses able to project the human body in its full size in front of medical student.
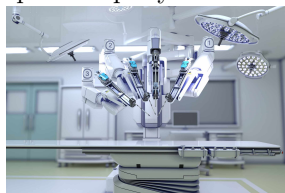
1.1.3 Virtual Reality-

It join user to virtual scenario which is just like imaginating which distract their mind and make them feel better.Virtual reality helps the patient to distract from their real life which make them more relievable and sometimes it helps vthem in curing pain by distracting their mind.

1.1.4 Telemedicine-

Telemedicine means Tele+Health it means healthcare using telecommunication, via internet .It will be long distance healthcare. It helps to rural people who had to spend a lots of traveling money and time to consult the doctor. It saves the waiting time. It helps to doctors to give proper attention on their patients.

2 Future ideas Of Disruptive Healthcare-

1. **Surgical Robots And Robotics**- In Future healthcare we see that the robots are wondering in hospitals. In surgeries robots also participate.The patient body touch by robots is feel by doctor that what issues are there . In major operation robots helps doctor as companions. Some disease are spread rapidly on contact robot avoid such type of problem like Covid-19.

2. **Scanner At Home**- It scanning the patient which tells some basic diagnosis option. Some scanner scan the food which ensure us that what type of ingredients are food contain.How much vitamin, calories, protein

that food contain. By which we decide easily that the food is good for our health or not .

3   Conclusion-

We need to make sure that the future of healthcare is based on human touch and on the partnership of the patients and their care givers and is based on technology that can be given us the absolute best success rate the best treatment and skills the best care when it comes to people.