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The documentary 2057 was about the future of medical health. The way it was predicted seemed too much like a movie. I honestly believe that could be around 100-150 years in the future, seeing how we are getting closer to 2057, and we haven't made a big breakthrough yet. The only thing that seems to be a real goal, something that can happen in the future is 3d printing organs. We are getting closer, as scientist from the Harvard John A. Paul school of engineering and applied sciences were able to successfully bio print human blood vessels. "We were able to successfully 3D-print a model of the vasculature of the left coronary artery based on data from a real patient..." They were able to make the vessel work, as it was beating 5 days after it was made. The da Vinci surgical system to me is something that isn't really that futuristic, as it is used today. I see the use of it in the future, as the cameras and the robotic arms controlled by the doctor would be able to make precise cuts and make sure that it is a perfect surgery.

AI is used today in the medical field as an assistant. Doctors would use AI to find the right dosage and find what medicine they should recommend based off patterns of the previous history of the patient. "AI is used daily in many areas of modern healthcare, from the online scheduling service for appointments to drug interaction warnings when physicians prescribe multiple medications to research development." The use of this is very good, as it can help prescribe the right medicine and the right amount. The AI can also recognize what the patient

needs and what they are allergic too, so when the doctor prescribes the medicine and if they are allergic to it, AI can find some alternative to the medicine and make sure that they are getting the care they need.

The problem that the AI isn't the problem, but mostly errors in the algorithms or in the software itself. If there is ever a problem, it can cause many different problems, including wrong dosage amount or even if in surgery it can cause the surgery to go wrong. Another problem is that getting the chip placed in your head could lead to consequences in the future. Example being if you don't get the chip, you would be excluded from all sorts of different things like food, water, housing, and even clothing. What I mean is that the chip would be used as payment, and if you don't have it, you can't pay since cash is no longer available.

References:

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