



Dave Taenzer <dtaenzer@gmail.com>

Discussion Notes from Healthcare Robots Lunch and Learn 10/08

1 message

Monyett Ellington <mellington@oats.org>
Bcc: dtaenzer@gmail.com

Sat, Oct 10, 2020 at 3:19 AM

Healthcare Robots and A.I. (Artificial Intelligence)

A Lunch and Learn Discussion

Discussion Questions

- What is a robot?
- What is A.I. (Artificial Intelligence)?
- What types of robots are used for healthcare?
- How might robots be used in the future of healthcare?
- How do you feel and/or think about the use of robots in your healthcare future?

Discussion References

Movie Poster



["The Day the Earth Stood Still" IMDB Webpage](#)

Referenced Links

- **What is a Robot? (Wired magazine article)** - <https://www.wired.com/story/what-is-a-robot/>
- **What is Artificial Intelligence (AI) (in-depth PC Magazine article)** - <https://www.pcmag.com/news/what-is-artificial-intelligence-ai>
- **Role of Artificial Intelligence within the Telehealth Domain (Yearbook of Medical Informatics article)** - <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6697552/?report=reader#!po=1.78571>

Four Main Types of Healthcare/Medical Robots

<https://www.ns-healthcare.com/analysis/medical-robots/>

- **Surgical robots are the most common**
 - [da Vinci Surgical Systems by Intuitive \(website\)](#)
 - [da Vinci surgery and suturing on grape demonstration video on YouTube](#)
- **Hospital robots reduce work for **medical staff, health professionals and support staff****
 - [UVD Robots infection prevention robots \(website\)](#)
 - [UVD robot demonstration on Facebook](#)
 - [Omnicell pharmacy automation systems \(website\)](#)
 - [Omnicell Robotic Dispensing System video on YouTube](#)
 - [Moxi hospital robot assistant \(website\)](#)
 - [Moxi robot demonstration on YouTube](#)
- **Care robots provide companion and/or physical assistance to patients and disabled people**
 - [Experimental robot using A.I. to learn \(Interesting Engineering article\)](#)
 - [Robear - experimental care robot news report on YouTube](#)
 - [Buddy - emotional robot \(website\)](#)
 - [Buddy long commercial on YouTube](#)
 - *Have to contact company for pricing information*
- **Exoskeleton robots assist people with mobility issues**
 - [NBC article on exoskeletons and other related innovations](#)
 - [Rewalk Exoskeletons \(website\)](#)
 - [Rewalk demonstration with patient video on YouTube](#)

Other related healthcare robots

- [EndoCapsule Omni Mode demonstration video on YouTube](#)
- [Microbots video on YouTube](#)
- [HAL Pediatric Patient Simulator by Gaumard video on YouTube](#)
- [Nanorobots article with video from UC San Diego](#)

The Future of Healthcare Robots

- [Imagination-based video \(demo reel\) on what nanobots might be able to do in the future by Nanobot Medical Animation](#)
- ["The Future of Healthcare" \(in depth article with video from The Economist magazine\)](#)

General Senior Planet Colorado Links

Want the Colorado Weekly Schedule? (Or any other Senior Planet location)

Sign up for the Colorado weekly newsletter - <https://seniorplanet.org/get-involved/newsletters/>

Sr Planet National Hotline For questions about using your technology devices like smart phones, computers, etc. **920-666-1959**, (M-F 9-5 eastern time)

We want your feedback. Please let us know what you think of our online programming by using this link to submit - <https://seniorplanet.org/survey/>

Cheers!

--

Monyett Ellington

Technology Trainer
Older Adults Technology Services (OATS)
Senior Planet Colorado

mellington@oats.org
720.758.9010 mobile
7585 E. Academy Blvd
Denver, CO 80230

www.oats.org | www.seniorplanet.org

