



Robot Assisted Surgery

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Overview

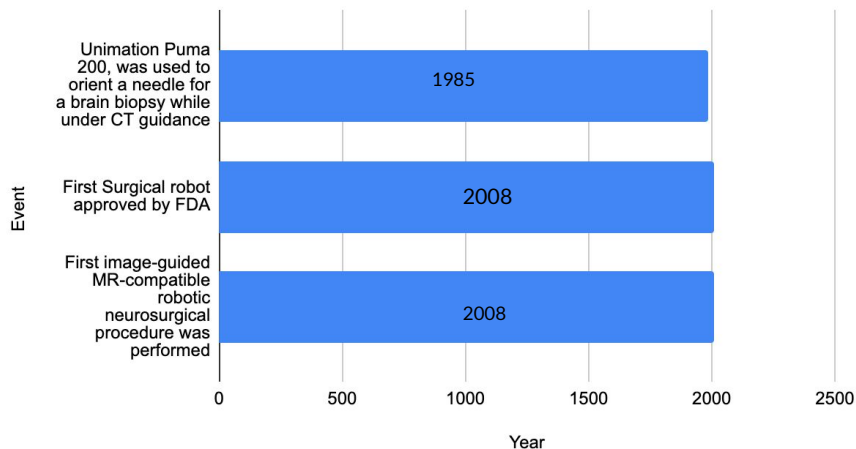
- 3. Who and when it was conceived?
- 4. Who will it impact?
- 5. Pros
- 6. Cons
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- 8. Evie's opinion
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History- Who and When the idea was conceived?

- The Arthrobot was made in Vancouver, 1985.
- The first procedure done was a leg rearrangement
- In the first year with this robot over 60 procedures were done.
- Other robots were eventually developed
- The people that developed the first surgical robot were, Hap Paul, William Bargar, MD, and DVM

Year vs. Event



Plan and Implementation-Who or What it will Impact?

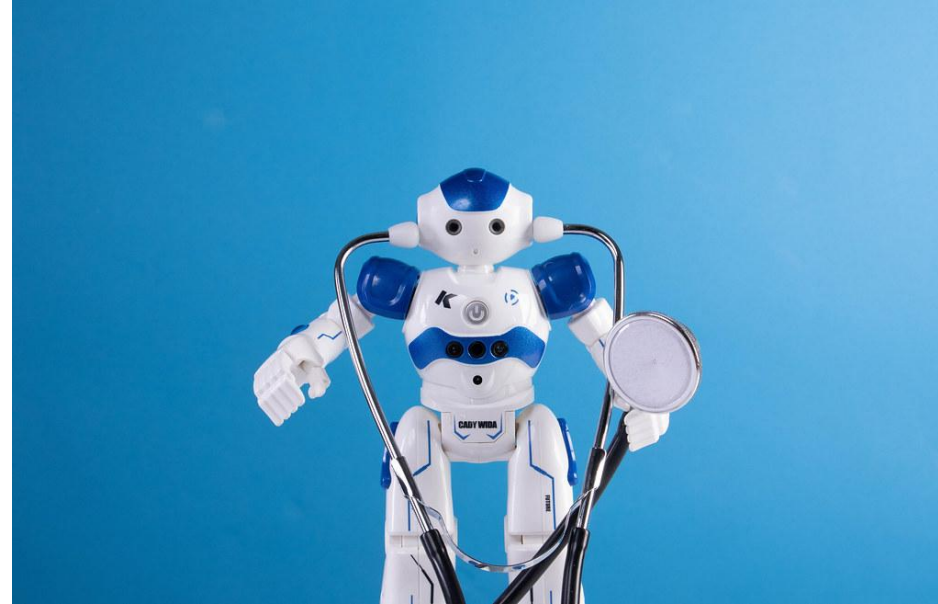
- This will impact patients.
- And how well or accurate their surgery goes.
- It will affect the family of the patients
- Having these robots will impact Doctors and Nurses
- Jobs could be lost.



Pros to the Advancement

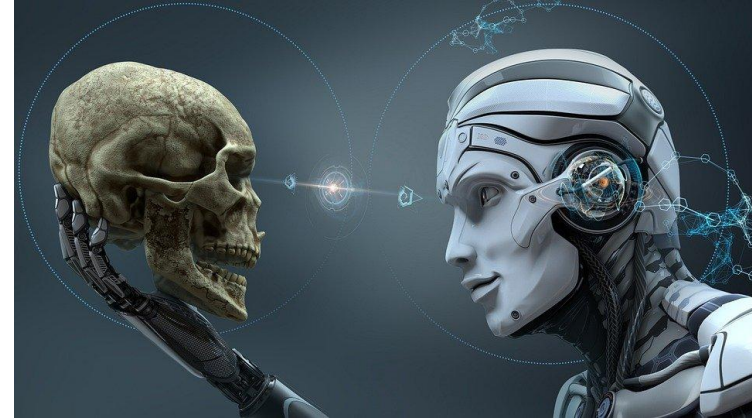
The pros of robotic surgery:

- bring up the accuracy
- access to areas that are hard for humans to access
- faster improvement
- can monitor the treatments
- could do a better job



Cons to the Advancement

- Increase in the costs of the operation and treatment
- Not all hospitals will have access to this equipment
- Possible inconvenience in the programming
- A risk of patient safety
- It will take a long time to test and perfect the robots



Summary

These robots allow doctors to do surgeries with more precision and control than traditional techniques. It can be very useful for open surgeries, such as open heart surgery. Eventually, we can make these machines more widely available and more people will be able to get help. This can make surgeries faster and possibly be an amazing tool in the future.



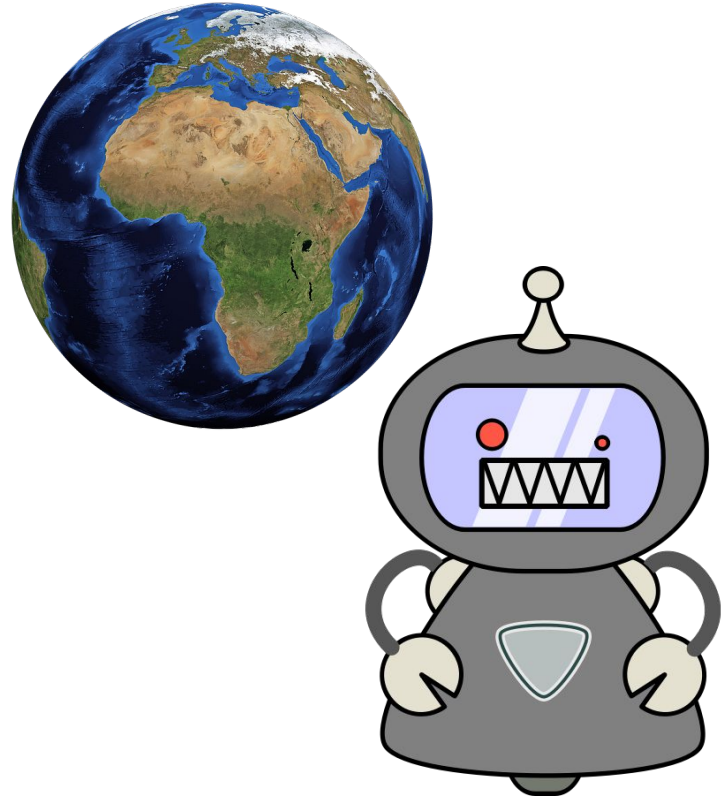
Evie's Opinion

Although this technology could change the world, it will take a long time to create the perfect robots. More job possibilities could be created from these robots such as a surgery robot designer. They seem dangerous if we do not monitor and test them, but after a few years/decades I think this product would be a great improvement to the medical field and make surgeries faster + more efficient. We could also start off by using robots for simple tasks in the hospital before upgrading to real surgery...



Addie's Opinion

I think this will not help hospitals. I think that having the robot assisting or even doing the surgery is really dangerous because they are programmed to do certain things but they could mess up really easy. They do not have a brain so they don't really think "oh maybe that is not what I am supposed to do". I just really think that we should not trust peoples lives in the hands of robots. Even though humans make mistakes with surgery it is way safer I think to trust a humans life in another humans hands. That is my opinion on this subject.



references

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