

# Educational Technology

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Educational technology with AI personalizes lessons for our strengths and weaknesses, offers feedback and guide teachers to provide more hands-on guidance. This asosiation is making education more engaging and effective for everyone, but can see AI in other fields such as health.

## Introduction

AI is having a major impact on healthcare! It's being used to analyze massive amounts of data to improve disease detection, treatment plans, and even drug discovery.



## The Case

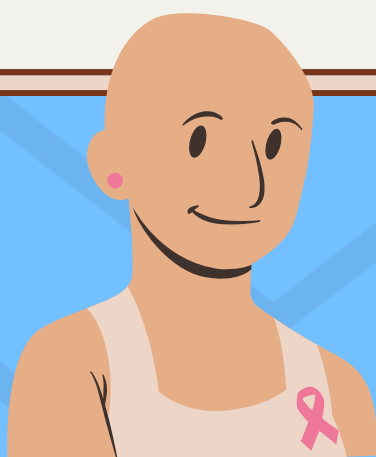
Juan García (55 years old), has a history of hypertension and lung cancer controlled with medication. The patient requires a Lobectomy surgery, which involves removing one of the five lobes of the lung. During the surgery there is a small risk of bleeding or infection, but to reduce this risk doctors must give Juan antibiotics before and after surgery.



## AI in health

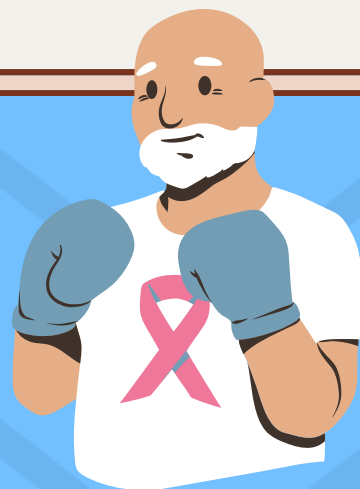
### Lunit (Cancer AI)

Lunit uses AI to unlock accurate and appropriate cancer information and give to each patient an analysis about their cancer process to conquer the disease.



### Enlitic (Radiology AI)

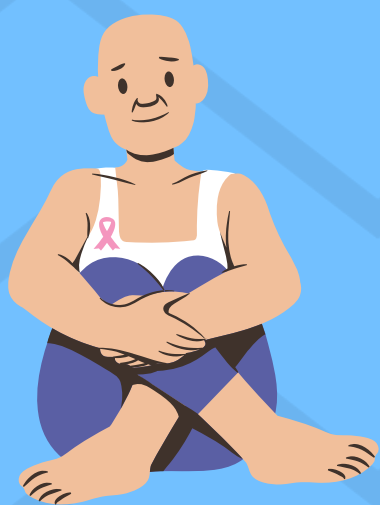
Enlitic enables AI into effective data management to improve the patient healthcare. Enlitic provides solid image data and radio analysis for any patient.



## Application of AI in the case

After diagnosis, Lunit can analyze tumor characteristics to predict how the cancer will respond to different treatment options and help doctors create a personalized treatment plan for the patient. Enlitics can also be used to monitor the patient's response to treatment by analyzing follow-up scans and detecting early signs of tumor recurrence or treatment complications.



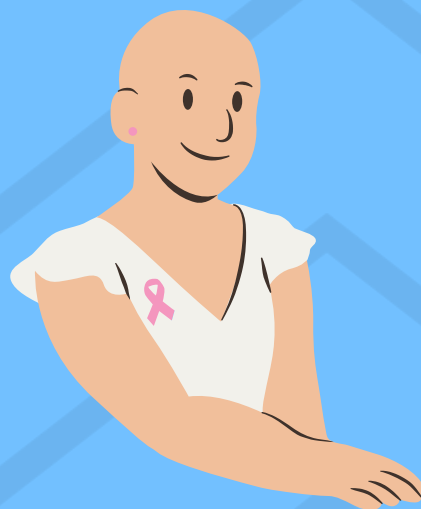


## Advantages

- Improved Accuracy
- Personalized Treatment
- Earlier Detection
- Supported decision making

## Disadvantages

- Reliance on technology
- Data privacy concerns
- Cost and accessibility
- Systems error



## Conclusion

AI is revolutionizing healthcare, providing powerful tools for diagnosis, treatment planning and even drug discovery. Although AI in healthcare cannot replace human expertise, it has enormous potential to improve accuracy, personalize care and ultimately save lives. But for this technology to realize its full potential, responsible development, data integrity and accessibility must be guaranteed.



the end

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