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Artificial intelligence and Health Technology Assessment: an introduction

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Team GRADES

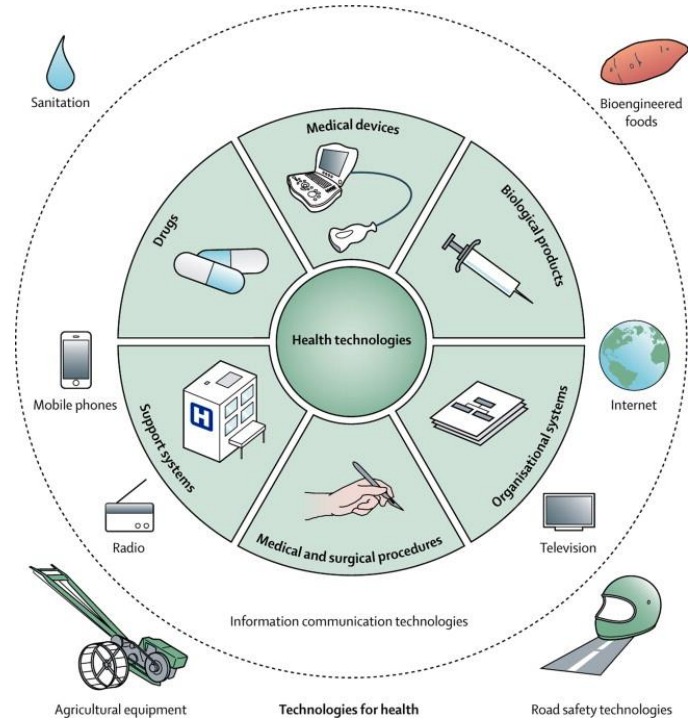
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We would like to know a little bit more about you!

- ✓ Which country are you from?
- ✓ In which domain are you working?
- ✓ What is your level of knowledge about AI-based
MDs assessment and market access?

Health technology assessment?



Health technology assessment?

Evidence



Policy
making

Ponte coperto, Pavia

Health technology assessment?





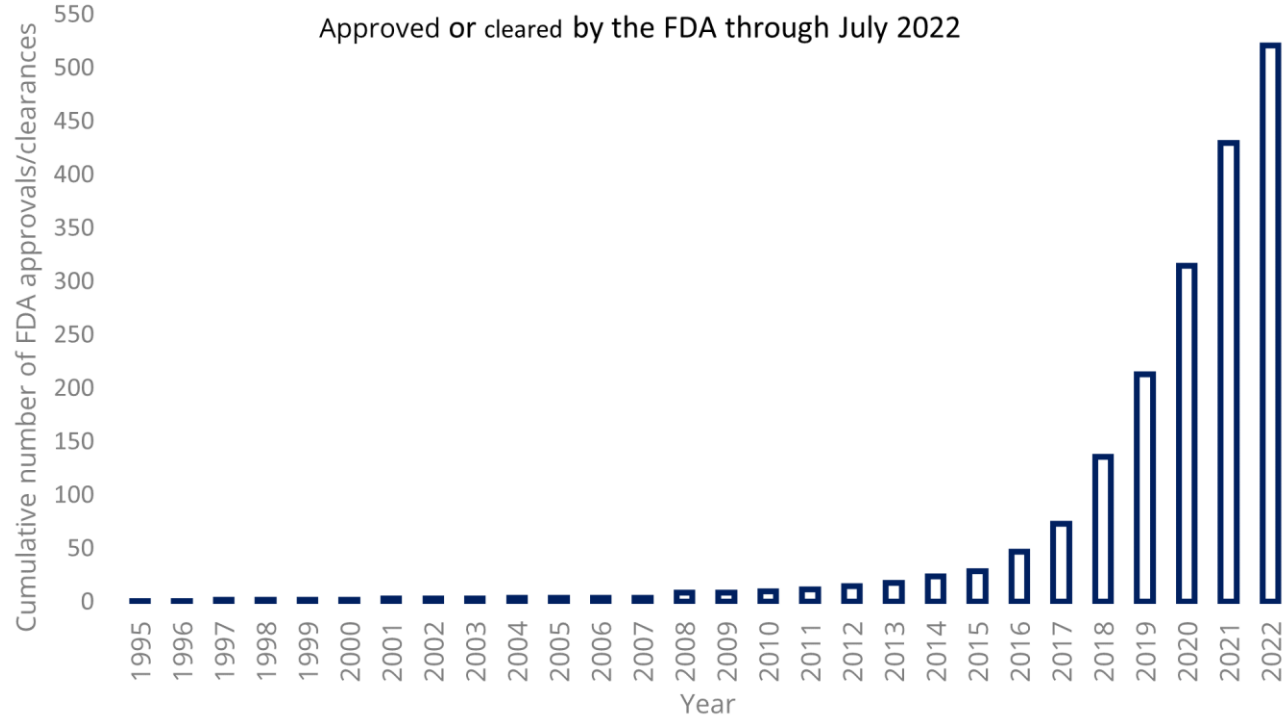
Digital health technology : a tough challenge!



Now, AI is here!

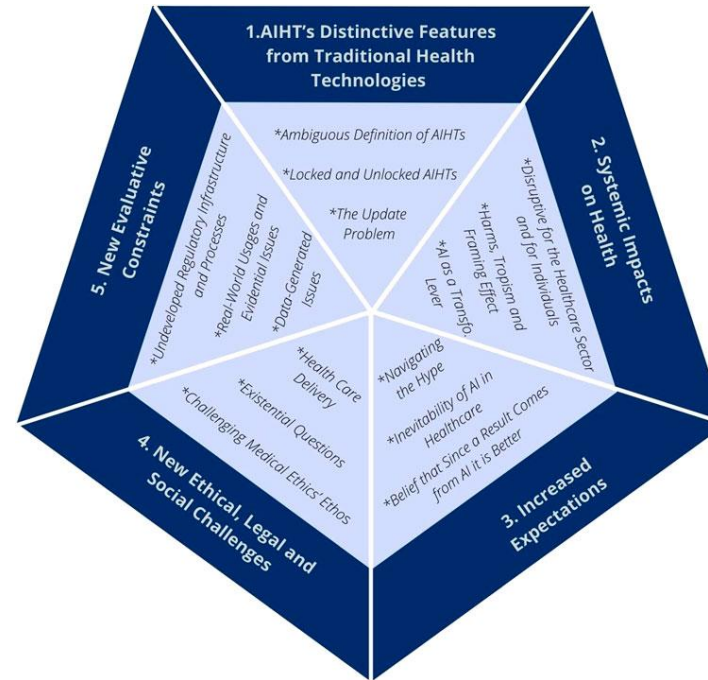
AI/ML-Enabled Medical Devices

Approved or cleared by the FDA through July 2022



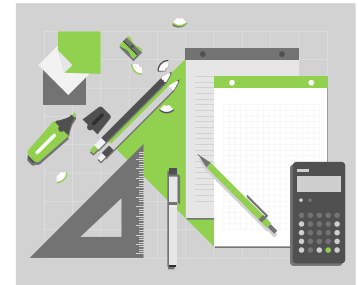
What makes AI exceptional in health technology assessment?*

Because of AI technological characteristics and potential impacts on society **at large**



What can we do?

- ✓ Updating/creating reported guidelines
- ✓ Developing adaptive/iterative HTA models
- ✓ Considering the whole picture
- ✓ Promoting transparency
- ✓ Using AI as an assistant in the HTA process



Take home messages

- DHT -> AI = an ever-growing challenge
- Disruption in HTA = new HTA frameworks/new criteria
- AI = a unique opportunity for HTA

