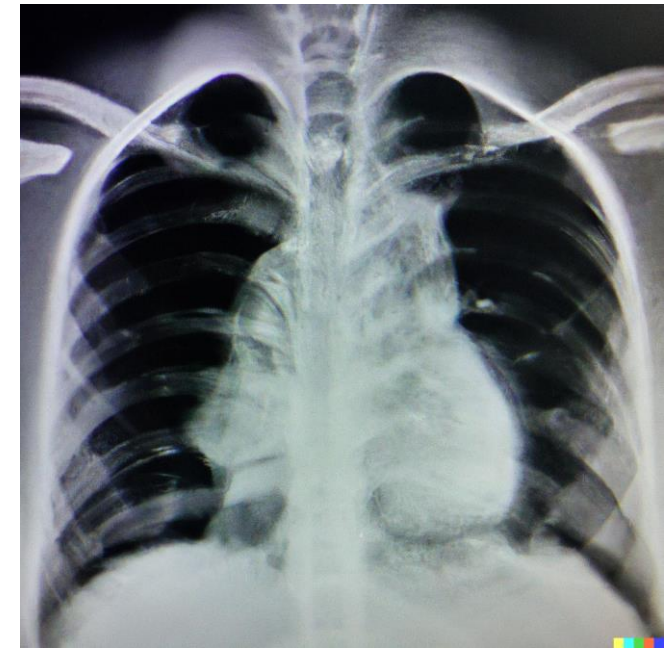
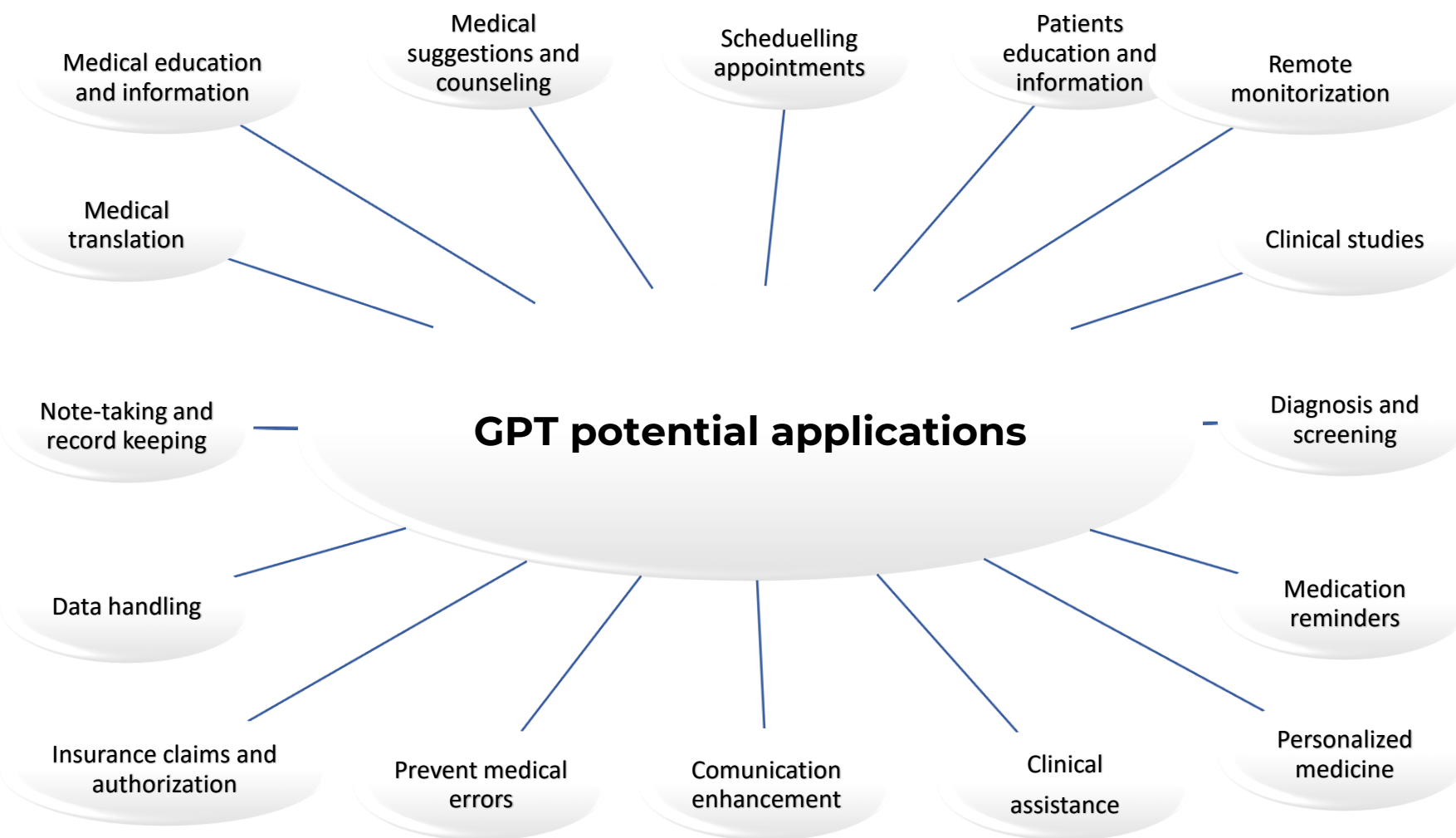


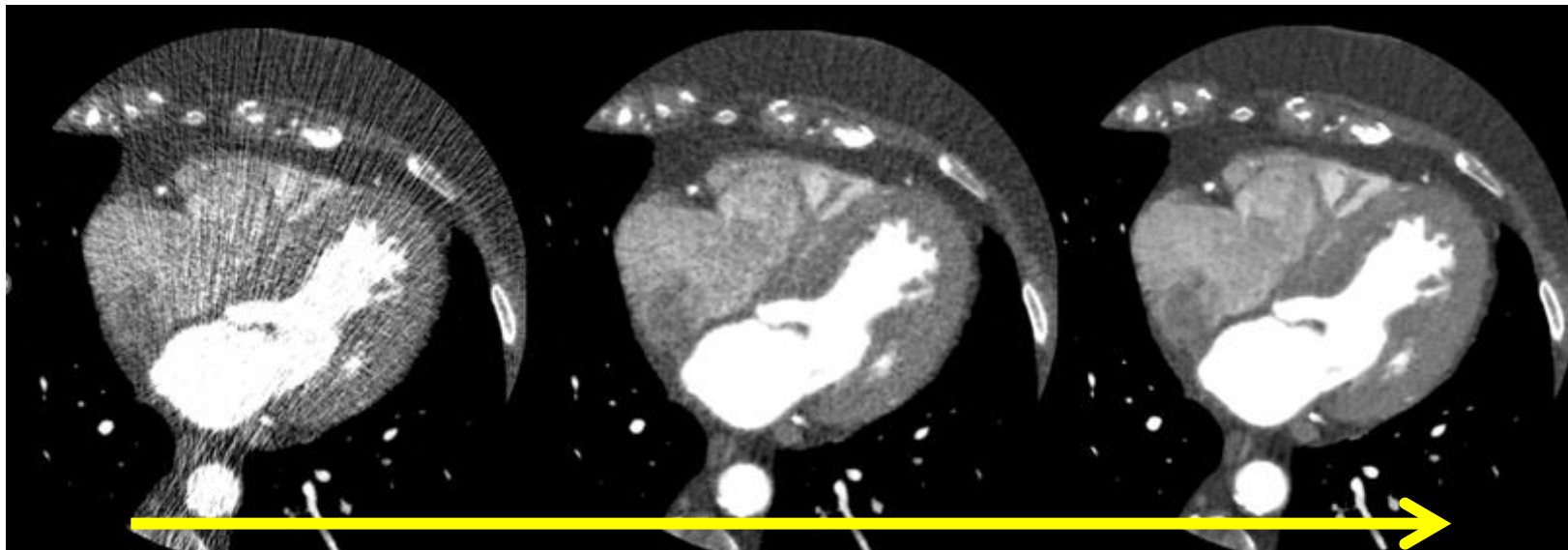
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Generative pre-trained transformer (GPT) models has many potential applications in HealthCare



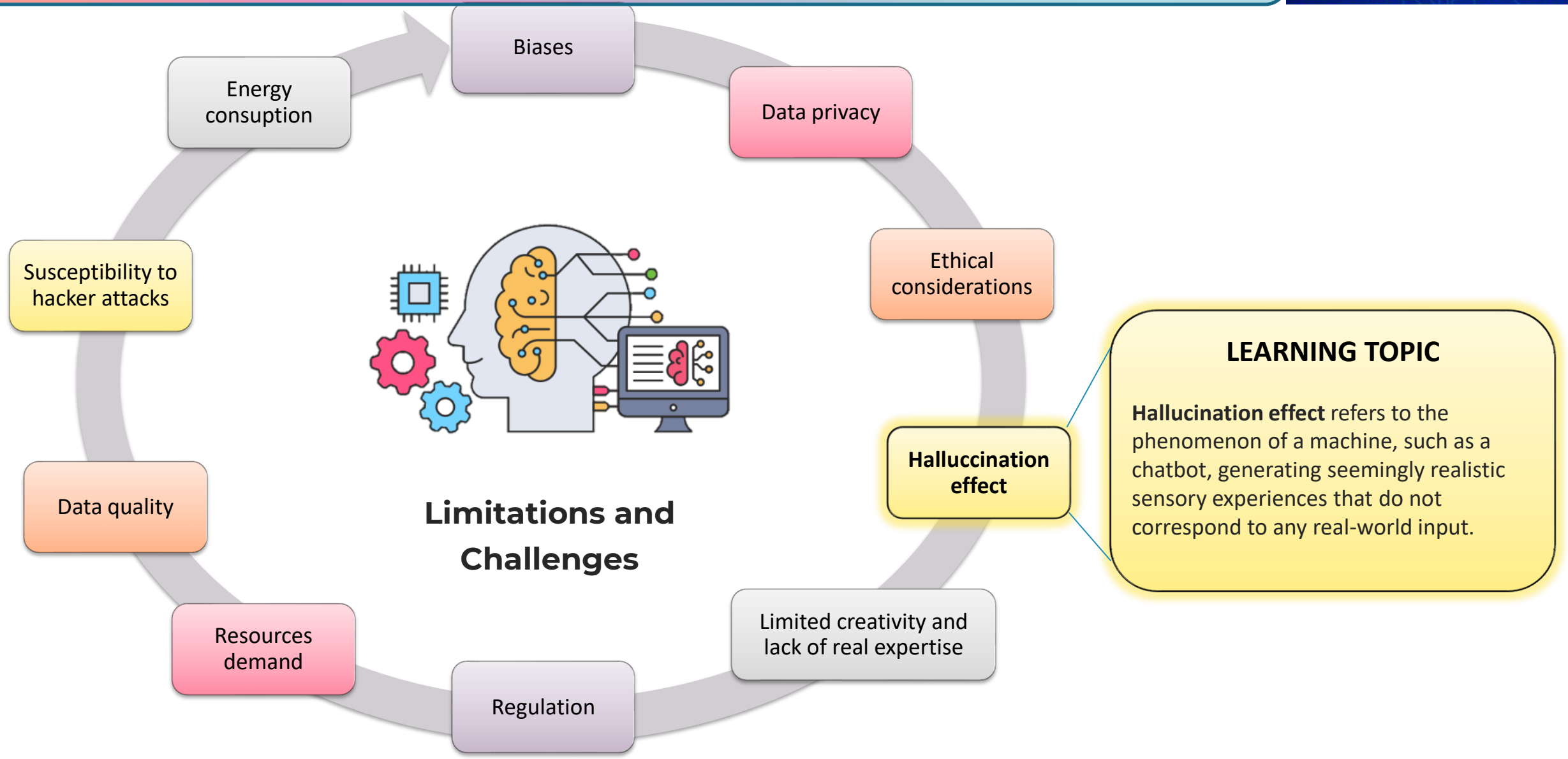
Synthetic image created by Dall-E 2 with the following prompt: Chest x-ray with pneumonia

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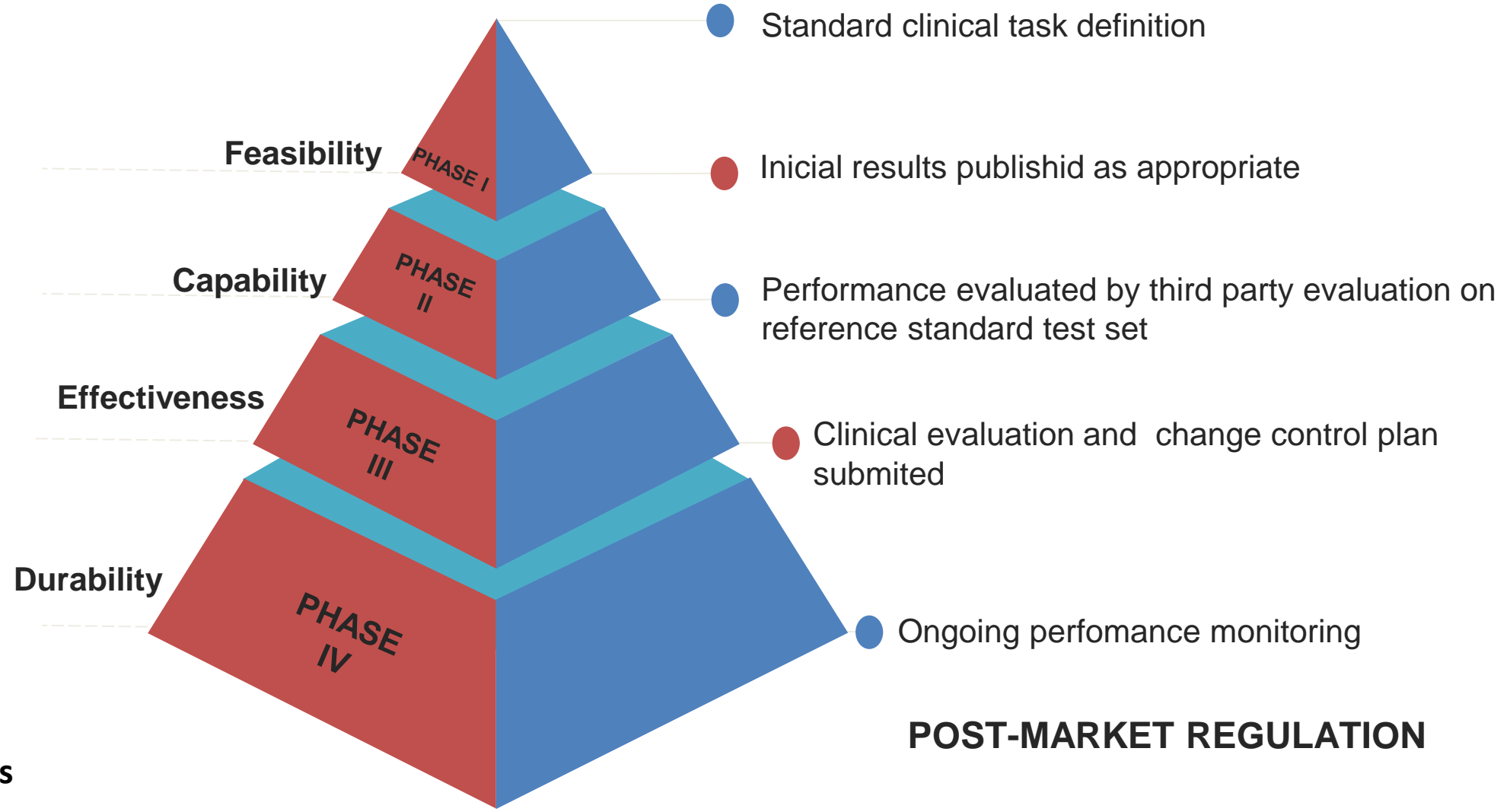
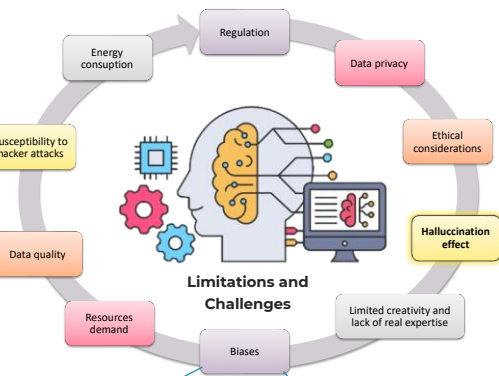


Example of different reconstruction softwares. At right the most modern, AI based software, showing impressive image quality improvement

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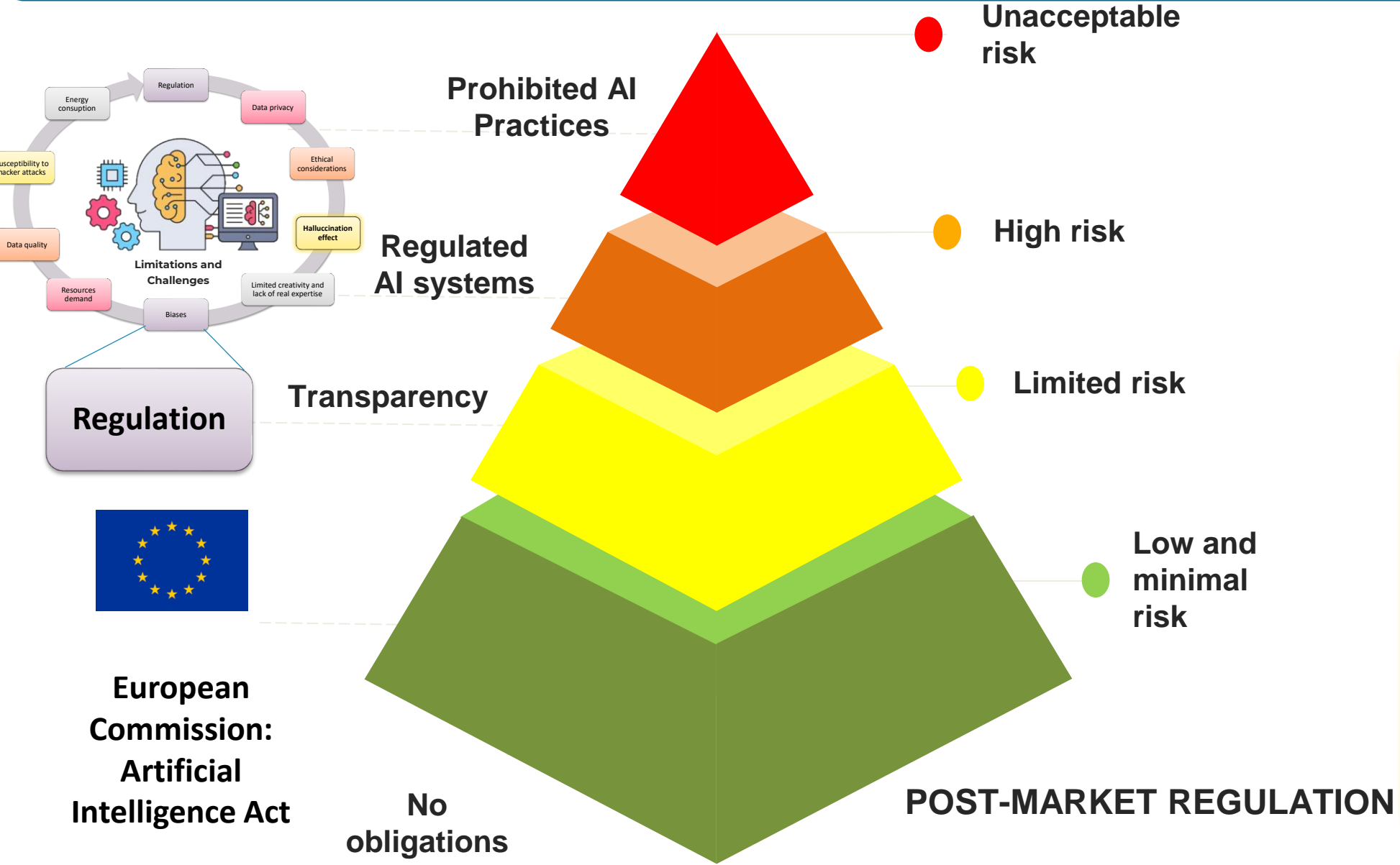


Regulation



FDA (USA): Artificial Intelligence/Machine Learning-Based Software as a Medical Device Action

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Currently in Brazil

Law project 2338/2023:

Law project in analysis at the national parliament by a special commission designated to evaluate concerns about AI regulation

It stands for alignment with the European AI act, however doesn't specify which agency should be responsible for regulation