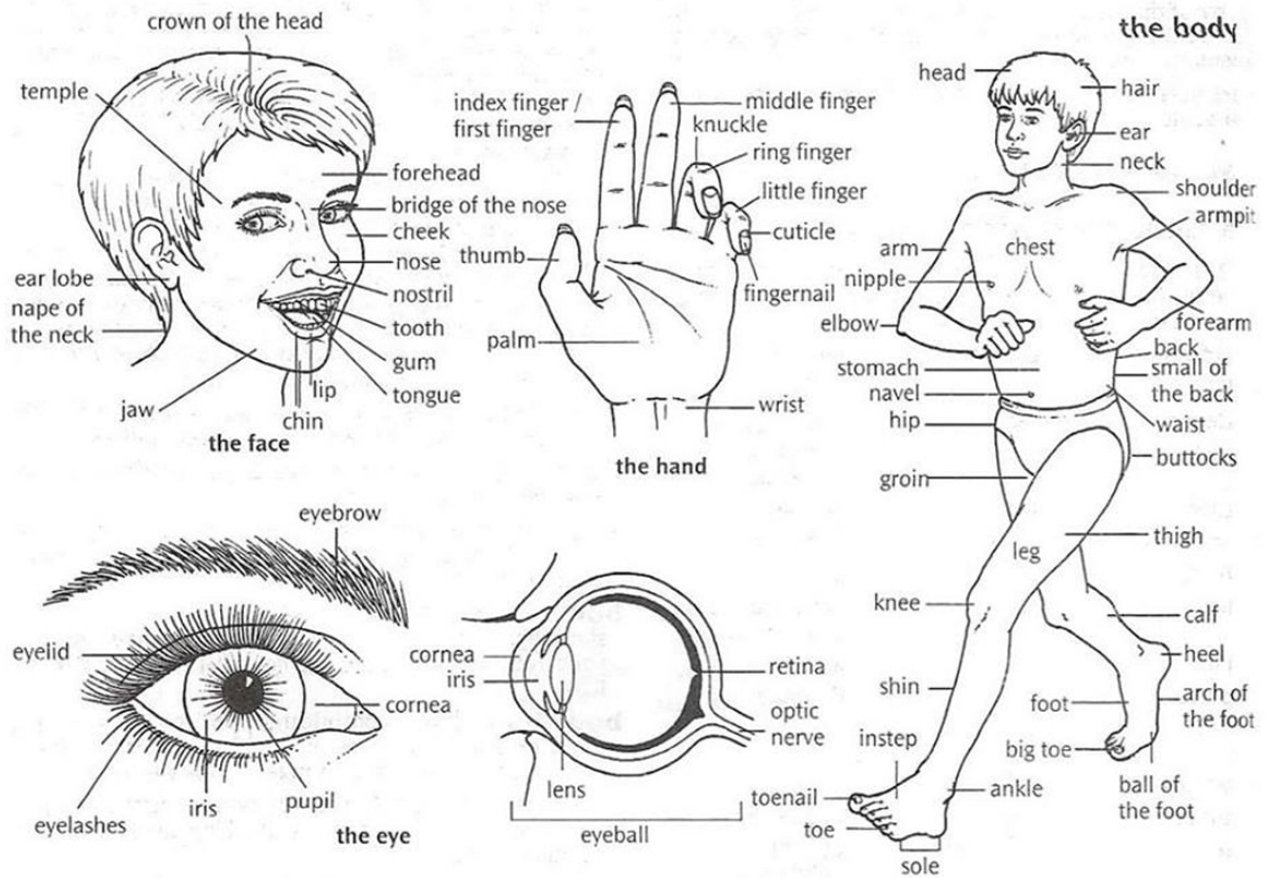


M1 BIOINFORMATICS – SESSION 3

Part I: Technical vocabulary



Part II: Robots & healthcare

1. Before you watch the video

- Would you trust a robot surgeon?
- Can you define or translate these words?

leaky – tight – to fail – breastbone – to enhance – the outcomes – staff

- Pronunciation: can you pronounce these words properly?

leaky – tight – stenosis – invasive – aortic – mitral – asymptomatic – heartbeat – routine

2. Now watch the video and take notes.

3. Does that change your initial vision of robotic surgery? Discuss.

Part III: AI & healthcare

1. Anticipate: what place for AI in the future (medicine – veterinary – health in general)?

2. Match the vocabulary with their translations

far-fetched	précédent, antérieur
prior	marottes, manies
extraneous	charabia
foibles	inutile, superflu
mumbo-jumbo	tiré par les cheveux
bias	renchérir, persister et signer
double down (on)	biais, préjugé

3. Watch and take notes on the following aspects:

- examples used
- benefits of AI in healthcare
- “hallucinating” AI
- concerns associated with AI in healthcare

Part IV: the AI contest

In groups of 2-3 students, imagine an AI that could be useful in the future (in the field of human or animal health). Prepare a short speech to describe your AI, what it would do (and why it is the best idea). Be ready to convince the whole group to vote for your idea.

