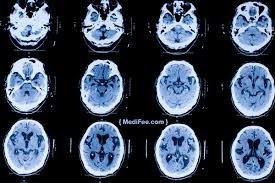
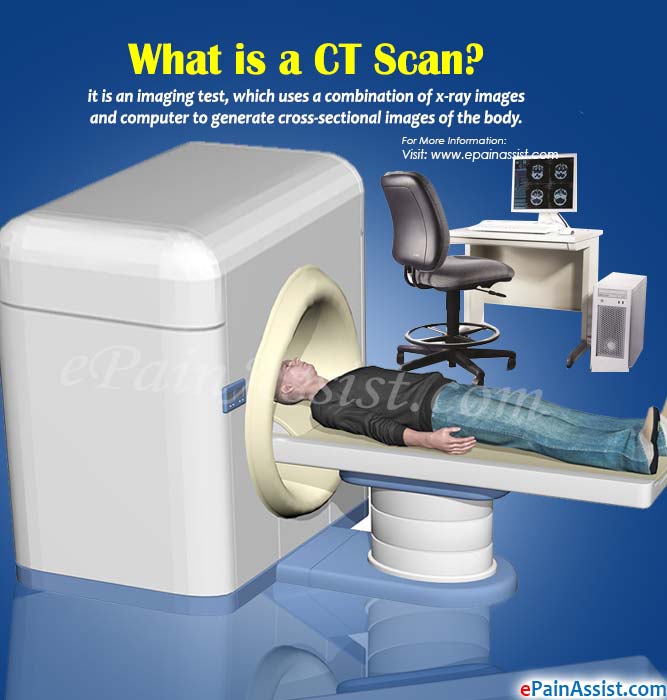
**Scanning the Brain**

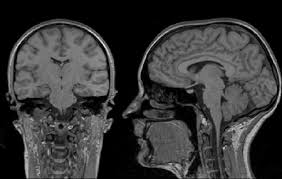
<https://www.youtube.com/watch?v=l9swbAtRRbg>

**CT scans**



1. How does a CT scan work?
2. Is a CT scan used to detect issues with structure or function of the brain?
3. Give an example of when a person might have a CT scan.
4. What is a drawback to using a CT scan?

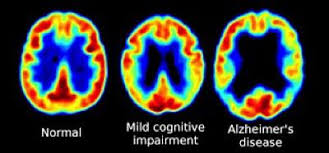
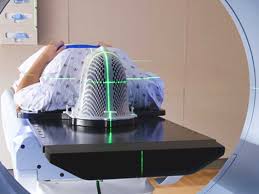
**MRI**



1. How does an MRI differ from how a CT scan works?
2. Is an MRI scan useful for detecting issues structures or function or the brain?
3. Give an example of when an individual might have an MRI scan
4. What is a drawback of having an MRI scan?

**PET scan**

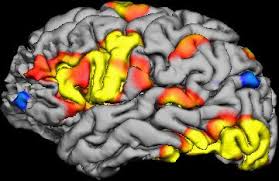
https://www.youtube.com/watch?v=yrTy03O0gWw



1. How does a PET scan work?
2. Is a PET scan useful for detecting issues with structures or function of the brain?
3. Give an example of when an individual might have a PET scan
4. What is a drawback of having a PET scan?

**fMRI scan**

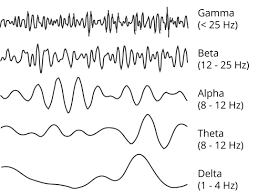
[**https://www.youtube.com/watch?v=nvB9hAarzw4**](https://www.youtube.com/watch?v=nvB9hAarzw4)



1. How does a fMRI scan work?
2. Is a fMRI scan useful for detecting issues with structures or function of the brain?
3. Give an example of when an individual might have a fMRI scan
4. What is a drawback of having a fMRI scan?

**EEG**

https://www.youtube.com/watch?v=KXS268XsRic



1. How does an EEG scan work?
2. Is an EEG scan useful for detecting issues with structures or function of the brain?
3. Give an example of when an individual might have an EEG scan
4. What is a drawback of having an EEG scan?