MRI scans

Why

...are we interested in MRI scans?

Magnetic Resonance Imaging (MRI) is an imaging technique that can obtain highly detailed image precise anatomy of your brain. It has been in use for many years now and is very safe. MRI scans a powered by a very high strength magnet, as a result they do not use any radiation, like we would or CT scans.

This is particularly advantageous as a people will not be exposed to any radiation at all, which mal much safer for imaging research. They are, however, extremely noisy (don't worry we give plenty earplugs and headphones) and the tube that people lie in for the scanner can

What

...we know about MRI scans that may be relevant to you.

In Parkinson's, MRI scans are most frequently used to monitor changes in brain anatomy over time Parkinson's is not a disease that you can 'see' on an MRI scan.

Functional MRI is also a popular technique in Parkinson's, and some studies and drug trials use it t monitor an individual's ability to perform certain functions over time, to see if their Parkinson's is c or if they are responding to a drug treatment.

Most commonly in drug trials, MRI is used as a safety monitoring tool to ensure that an experimen is not having any unwanted or dangerous side effects.

Although MRI is completely safe some participants can struggle with the scan or it may be that th have an MRI scan at all because they have an incompatible implant in their body such as a pacema

Where

...you can find out more information about it MRI's:
https://www.ismrm.org/resources/information-for-patients/