

History of brain imaging



Ask Mish



- **X ray:** skull absorb all X ray, brain=dark
- **Pneumoencephalography:** 50 y. ago used to dx. a tumor: injected air in the CF-> air goes in ventricles -> X ray -> air in the middle of the ventricles/not
- **CT scan:** 1979 Nobel Prize for Cormack & G. Hounsfield -> structure of brain
- **PET scan:** 1963 Glass & Harper -> breathed radioactive Xe to investigate brain function
- **MRI:** 1977 - Paul Lauterbur 1st image
- **MRI :** 1977 - Raymond Damadian 1st machine (left pic.)