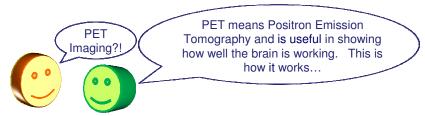


Faculty of Medicine Graduate School

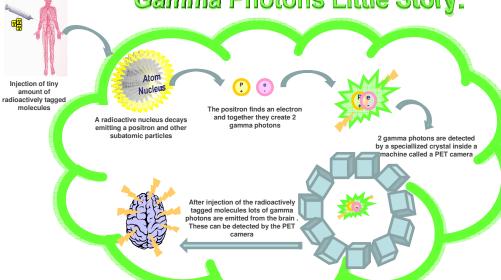
PET Imaging – Seeing How the Human Brain Works A. Tavares

Division of Clinical Neuroscience, Wellcome Surgical Institute, University of Glasgow





Gamma Photons Little Story:



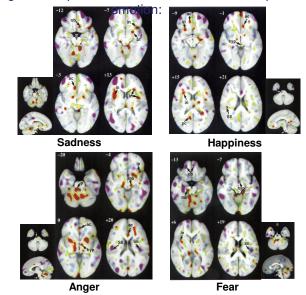
PET can help scientists learn more about the physiology and neurochemistry of the working brain - advantageous to patient outcome in various brain diseases



How do you feel today?

Over the last few years many PET studies have been used to understand how the human brain works. The study of emotion and its relationship to areas of brain activation is helping scientists to understand more about brain function.

These images show patterns of brain function when experiencing



ob-orbitofrontal; in-insula; bf-basalforebrain; ac - anterior cingulate; p-pons; hyp-hypothalamus; pc-posterior cingulate; SII-secondary somatosensory

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