

Functional MRI: An insight and pitfalls

Norlisah Ramli^{1,2}

¹Department of Biomedical Imaging, University of Malaya Medical Centre, Malaysia, ²President, College of Radiology, Academy of Medicine Malaysia, Malaysia

ABSTRACT

Functional MRI (fMRI) stands as a pivotal tool offering unparalleled insights into the functioning brain. However, its application is not without challenges and limitations. This lecture delves into the intricacies of fMRI, offering a comprehensive overview to both budding researchers and seasoned experts. From the underlying principles of fMRI to its applications in understanding neural processes, attendees will gain a nuanced understanding of this powerful technique. Moreover, the discussion will address the pitfalls and nuances inherent in fMRI data analysis, ensuring attendees are equipped to navigate the complexities of interpreting results accurately.