Special Issue

Digital Imaging in Acute Ischemic Stroke

Message from the Guest Editor

This Special Issue will focus on the utilization of digital imaging modalities, such as computed tomography (CT), magnetic resonance imaging (MRI), and angiography, in the assessment of acute ischemic stroke. It will cover topics including the role of advanced imaging techniques in the early detection of stroke, evaluation of the extent of cerebral ischemia, identification of salvageable brain tissue, and prediction of treatment responses.

Additionally, this Special Issue will highlight the emerging role of artificial intelligence (AI) and machine learning algorithms in analyzing medical images to improve stroke diagnosis and prognosis. It will explore the potential of AI-based image analysis in identifying imaging biomarkers, predicting clinical outcomes, and guiding personalized treatment strategies.

Guest Editor

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