

# 2025 臺中榮民總醫院院慶國際醫學研討會

## TCVGH International Medical Conference

### AI in Medicine

Future of Healthcare by AI



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Speech Title	Imaging Pediatric Neurometabolic Disorders	
Abstract( 200 words) :		
<p>Pediatric neurometabolic disorders are a group of extensive and diverse set of medical conditions affecting the brain in pediatric patients. As such, their clinical presentations can be rather nonspecific and can often mimic acquired entities such as hypoxic-ischemic encephalopathy and/or sepsis. The radiological findings in these entities are also heterogeneous, and a more detailed analysis of imaging findings alongside the relevant clinical details can be a rewarding experience, thus enabling a timely and targeted diagnosis. Early diagnosis of an underlying neurometabolic disorder is vital, as some of these entities are potentially treatable, and laboratory and genetic testing can be precisely targeted.</p> <p>In this talk, a brief review of neurometabolic disorders specific to the pediatric patients with a focus on how neuroimaging findings match their clinical presentation patterns.</p>		