


# 2023 臺中榮民總醫院國際醫學研討會

TCVGH International Medical Conference

10.28-29 | 09:00-16:30 | 研究大樓、教學大樓、第二醫療大樓 |

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Speech Title	Pediatric Cardiac MRI: Principles, techniques and applications
Abstract	<p>Cardiac MRI is in many respects an ideal modality for pediatric cardiovascular imaging, enabling a complete noninvasive assessment of anatomy, morphology, function and flow with limited use of gadolinium and no radiation dose. Nonetheless, traditionally lengthy and complex imaging acquisition strategies have often limited its broader use beyond specialized centers. In this lecture, we present practical cardiac MRI imaging protocols to facilitate the performance of easy to follow yet successful exams that provide the most salient clinical data for the majority of congenital and acquired pediatric cardiac disease. We will explore principles, techniques and application in attaining optimal image quality to answer the clinical question that has been asked by cardiologists.</p>