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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 演講主題	Emerging Technologies and Innovations in Cardiac MRI: Current Status and Future Directions 心臟磁振造影新興技術與展望
Abstract 摘要： <p>Multiple factors will affect cardiac magnetic resonance (CMR) imaging quality, in the development of cardiac magnetic resonance history, multiple maneuvers have been applied to mitigate artifact during image acquisition. Current emerging technique provide ways for managing the difficult image acquisition scenario. Compressed scan CMR scans and free-breathing CINE images provide CMR scans more efficiently, and also may allow adequate imaging quality in patient with poor breath-holding. Wideband imaging technique would minimize the artifact on LGE imaging in significant proportion of patient who had cardiac implantable electronic devices which would otherwise render the region of interest not evaluable. Dark-blood late gadolinium enhancement CMR may improve the detection of subendocardial scar. Technology advances on parametric mapping for tissue characterization sequence would assist disease differentiation and examination efficiency.</p>	