

2025 臺中榮民總醫院院慶國際醫學研討會

TCVGH International Medical Conference

AI in Medicine

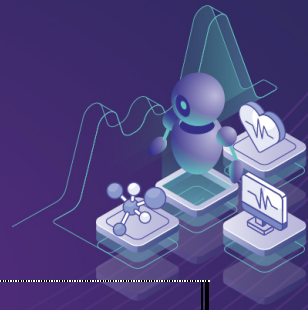
Future of Healthcare by AI



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Speech Title	Fetal MR in CNS system	

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Abstract(200 words) :

Fetal MRI plays a key role in assessing brain abnormalities that are unclear or complex on ultrasound. In this focused talk, the lecture will highlight practical indications for fetal MR in CNS evaluation and how it changes clinical management. We will explore common prenatal CNS conditions—like ventriculomegaly, callosal anomalies, and posterior fossa abnormalities, with illustrative cases to highlight diagnostic pearls and pitfalls. We will touch on previewing how AI is beginning to support fetal brain MRI, including motion correction and segmentation. This talk is designed to provide clear takeaways and real-world examples for clinicians involved in prenatal and pediatric neuroimaging.