

放射診斷科系特別演講



演講者：張育瑄醫師

台大醫院影像醫學部

地點：醫學大樓一樓 X 光科大會議室

時間：2026 年 09 月 10 日 (W4) 12:30 - 13:30

題目：從影像診斷到視覺溝通 開拓新產業
的實踐經驗

歡迎大家踴躍參加
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張育瑄醫師 (Monal)

The RADIOLOGIST and MEDICAL ILLUSTRATOR...

台灣土生土長「放射科醫師」，畢業於台中中國醫藥大學醫學系，畢業後於台大醫院影像醫學部接受完整放射科住院醫師訓練，成為小兒介入及放射診斷科主治醫師。因長年從事醫學視覺相關工作，培養出對醫學視覺化的興趣，進而遠赴美國約翰·霍普金斯醫學院醫用藝術學系攻讀生物醫學視覺化碩士學位，追求最嚴謹的「醫學繪圖師」訓練；並於歸國後於 2024 年在 台大醫院教學部成立「台大醫學視覺化中心」

Education

- China Medical University, MD (2014)
- Johns Hopkins School of Medicine, Department of Art as Applied to Medicine, Medical Biological Illustration Program, MA (2024)

Experience

- Imperial College London St. Mary's Hospital, Radiology observership
- National Taiwan University Hospital (NTUH), Radiology residency
- NTUH Pediatric diagnostic and interventional radiologist
- NTUCH (Children's Hospital) Neonatology image advisor
- NTUCH Congenital heart diseases image advisor
- NTUH ACGME Radiology Resident Milestones Committee Member
- NTUH Portal Menu Imaging Orders Organizing Committee Member
- 2021 Young IR 3.0 Video Demo and Hands-on Workshop Seed Teacher
- NTUH Medical Visualization Center founder & senior medical illustrator

Awards

- Taiwan International Student Design Competition (TISDC), Visual Design Category, Honorable Mention, top 35 out of 3954 world entries. (2011)
- Golden Design Award, Photography, First Prize (2019)
- Journal of Radiological Science Best Article Award, First Prize (2020)
- World Illustration Awards, Exploration Category, shortlisted (2022)
- Johns Hopkins The William P. Didusch Scholarship (2022)
- RadArt Gallery by Guerbet, finalist (2022)

- Association of Medical Illustrators, student Didactic/Instructional, Award of Merit (2023)
- The Elinor Widmont Bodian Scholarship in Medical Art (2023)
- Association of Medical Illustrators, inaugural Trailblazer Award (2026)

Association

- Member of the Taiwan Radiological Society
- Member of the Taiwan Society of Interventional Radiology
- Professional Member of the Association of Medical Illustrators

Publications

[⊕ First author / ⊗ Coauthor / ⊙ Illustrator]

- ⊕/⊙ Diagnosis of Double-Chambered Right Ventricle With Dynamic Cardiac CT.
Journal of Radiological Science 44 volume (2019/03/01); P121 – 130
(DOI:10.6698/JRS.201912_44.0021)
- ⊗/⊙ Comparison of single and tandem ureteral stenting for malignant ureteral obstruction: a prospective study of 104 patients. European Radiology (2019) 29:628–635 (DOI:10.1007/s00330-018-5560-6)
- ⊗ PET/MRI in Cervical Cancer: Association between Imaging Biomarkers and Tumour Stage, Disease Progression, and Overall Survival. European Journal of Nuclear Medicine and Molecular Imaging. 2020 Aug 14;e27311 (DOI:10.1002/jmri.27311)
- ⊗/⊙ Isolated Middle-Third Clavicle Fracture Causing Horner's Syndrome: A Case Report and Literature Review. Frontiers in Surgery. 28 May 2021.
(DOI:10.3389/fsurg.2021.640900)
- ⊙ Efficacy and safety of single-session radiofrequency ablation for intrathoracic goiter: preliminary results and short-term evaluation. International Journal of Hyperthermia. 2021; 38(1): 976-984. (DOI:10.1080/02656736.2021.1942241)
- ⊗/⊙ Iodized oil computed tomography versus ultrasound-guided radiofrequency ablation for early hepatocellular carcinoma. Hepatology International. 2021 Aug 2.
(DOI:10.1007/s12072-021-10236-0)
- ⊗/⊙ Ultrasound single-phase CBE imaging for monitoring radiofrequency ablation of the liver tumor: A preliminary clinical validation. Frontiers in Oncology. 22 July 2022 Sec. Cancer Imaging and Image-directed Interventions (DOI:10.3389/fonc.2022.894246)
- ⊗/⊙ From grapes to huazhimaru: A case of brachial plexus injury hidden in traumatic

brain injury. Medical Ultrasonography. 2022 Dec 21;24(4):506-507. (DOI:10.11152/mu-3805)

- ⊕/⊗ Dynamic cardiac computed tomography characteristics of double-chambered right ventricle. Scientific Reports. 12, 20607 (2022). (DOI:10.1038/s41598-022-25230-1)
- ⊕ Determining Biventricular Repair Feasibility in Children with Dominant Right Ventricle Using Left Ventricular Quality Measured on Cardiac Computed Tomography. Reviews in Cardiovascular Medicine. 2023, 24(3), 92; (DOI:10.31083/j.rcm2403092)
- ⊗/⊗ Addressing Current Deficits in Patient Education Materials Through Crowdsourcing. Annals of Plastic Surgery. 92(2):p 148-155, February 2024. (DOI:10.1097/SAP.0000000000003777)
- ⊗/⊗ Polyethylene Glycol-Mediated Axonal Fusion Promotes Early Sensory Recovery After Digital Nerve Injury: A Randomized Clinical Trial. Plastic Reconstruction Surgery. 2024 Feb 7. (DOI: 10.1097/PRS.00000000000011334)
- ⊗ Ultra minimally invasive surgical stabilization of Rib fractures (uMI-SSRF): reduction and fixation techniques to minimize the surgical wound. World Journal of Emergency Surgery. (2024) 19:35 (DOI: 10.1186/s13017-024-00566-3)
- ⊗ Population-Based Helicobacter pylori Screen-and-Treat Strategies for Gastric Cancer Prevention: Guidance on Implementation. WHO IARC Working Group Reports, Volume 12, 2025 (ISBN-13 978-92-832-4528-5)
- ⊗ Surface or Luminal? Decoding Tumor Extracellular Vesicle Logic for Functional Insight and Therapeutic Reprogramming. Advanced Functional Materials. Oct 2025, e21108 (<https://doi.org/10.1002/adfm.202521108>)
- ⊗ A Rural-to-Center Artificial Intelligence Model for Diagnosing Helicobacter pylori Infection and Premalignant Gastric Conditions Using Endoscopy Images Captured in Routine Practice. Endoscopy. 2025 Oct 13 (<https://doi.org/10.1055/a-2721-6552>)
- ⊗ Parabacteroides goldsteinii mitigates parkinsonism in LRRK2 mutant mice by reducing neuroinflammation through Gut-Brain axis. Journal of Advanced Research. 2025 Dec 23:S2090-1232(25)01018-5 (<https://doi.org/10.1016/j.jare.2025.12.028>)
- ⊗ Genetic risk loci for Parkinson's disease and dementia in a large-scale population-based Taiwanese cohort (TPMI). The Lancet Regional Health Western Pacific. 2026 Mar 4:68:101825. (<https://doi.org/10.1016/j.lanwpc.2026.101825>)
- ⊗/⊗ Cost-Effectiveness of Fecal Immunochemical Testing Alone vs Co-Testing With Helicobacter pylori Stool Antigen. JAMA. 2026 Jun 1:e266908

(<https://doi.org/10.1001/jama.2026.6908>)

- ⌚ Dual HeartMate 3 in total artificial heart configuration for incessant ventricular fibrillation a case report. European Heart Journal – Case Reports. 2026 May 25;10(5):ytag311 (<https://doi.org/10.1093/ehjcr/ytag311>)