



Gabriel Tse

Clinical Assistant Professor, Pediatrics

Bio

BIO

Dr. Gabriel Tse, MBChB, MS, is a Clinical Assistant Professor of Pediatrics and a pediatric hospitalist at Lucile Packard Children's Hospital. His clinical responsibilities include caring for hospitalized children at Stanford Medicine Children's Health. He is a grant-funded researcher whose academic interests include evaluating novel health technologies to ensure that they are safely, effectively, and equitably deployed.

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics

PROFESSIONAL EDUCATION

- MS, Stanford University , Clinical Informatics Management (2024)
- Fellowship, Stanford University , Pediatric Hospital Medicine (2024)
- Chief Residency, University of Toronto (2022)
- Residency, University of Toronto , Pediatrics (2021)
- Internship, Imperial College London (2018)
- MBChB, University of Edinburgh (2017)

Publications

PUBLICATIONS

- **Optimizing patient portal user interface boosts activation rates for Spanish-speaking pediatric patients and caregivers.** *Journal of the American Medical Informatics Association : JAMIA*
Chilukuri, N., Ballard, E., Xu, X., McPherson, T., Chug, A., Tse, G., Lee, T., Bassett, H. K., Carlson, J. L., Pageler, N.
2026
- **Large Language Models Using Clinical Text in Pediatrics: A Scoping Review.** *JAMA network open*
Huang, T., Tse, G., Pageler, N. M., Barnett, Y.
2026; 9 (3): e262443
- **Understanding language barriers within patient portals: workarounds and opportunities for Spanish-speaking caregivers.** *JAMIA open*
Tse, G., Squires, S., Carlson, J. L., Halpern-Felsher, B., Hu, K., Kelly, M. M.
2026; 9 (1): ooag007
- **Holistic evaluation of large language models for medical tasks with MedHELM.** *Nature medicine*
Bedi, S., Cui, H., Fuentes, M., Unell, A., Wornow, M., Banda, J. M., Kotecha, N., Keyes, T., Mai, Y., Oez, M., Qiu, H., Jain, S., Schettini, et al
2026

- **Evaluating human-in-the-loop strategies for artificial intelligence-enabled translation of patient discharge instructions: a multidisciplinary analysis.** *NPJ digital medicine*
Brewster, R. C., Tse, G., Fan, A. L., Elborki, M., Newell, M., Gonzalez, P., Hoq, A., Chang, C., Chowdhury, M., Geeti, A., Hana, M., Hassan, H., Ibrahim, et al
2025; 8 (1): 629
- **Characteristics and Safety of Consumer Chatbots for Emergent Adolescent Health Concerns.** *JAMA network open*
Brewster, R. C., Zahedivash, A., Tse, G., Bourgeois, F., Hadland, S. E.
2025; 8 (10): e2539022
- **Perspectives of Spanish-speaking caregivers on pediatric patient portal use.** *Applied clinical informatics*
Tse, G., Squires, S., Hu, K., Kelly, M. M., Halpern-Felsher, B., Carlson, J.
2025
- **Corrigendum: Clinical Implementation of Artificial Intelligence Scribes in Health Care: A Systematic Review.** *Applied clinical informatics*
Hassan, H., Zipursky, A. R., Rabbani, N., You, J. G., Tse, G., Orenstein, E., Ray, M., Parsons, C., Shin, S., Lawton, G., Jessa, K., Sung, L., Yan, et al
2025; 16 (4): e1
- **Organizational readiness: The road to adoption of artificial intelligence in electrophysiology.** *HeartRhythm case reports*
Dhande, M., Chang, C. T., Lin, J., Tse, G.
2025; 11 (6): 597-598
- **Large Language Models to Summarize Pediatric Admission Notes Into Plain Language.** *Pediatrics*
Ebby, C. G., Tse, G., Bethel, J., Zhao, Q., Gerber, D. M., Kelly, M. M.
2025
- **Special Topic on Burnout: Clinical Implementation of Artificial Intelligence Scribes in Healthcare: A Systematic Review.** *Applied clinical informatics*
Hassan, H., Zipursky, A. R., Rabbani, N., You, J. G., Tse, G., Orenstein, E., Parsons, C. R., Jessa, K., Lawton, G., Shin, H. S., Sung, L., Yan, A. P.
2025
- **Large Language Model Responses to Adolescent Patient and Proxy Messages.** *JAMA pediatrics*
Tse, G., Zahedivash, A., Anoshiravani, A., Carlson, J., Haberkorn, W., Morse, K. E.
2024
- **Recommendations for the Management of Initial and Refractory Pediatric Status Dystonicus.** *Movement disorders : official journal of the Movement Disorder Society*
Vogt, L. M., Yang, K., Tse, G., Quiroz, V., Zaman, Z., Wang, L., Srouji, R., Tam, A., Estrella, E., Manzi, S., Fasano, A., Northam, W. T., Stone, et al
2024
- **Perspective: Artificial intelligence and patient communication.** *Journal of hospital medicine*
Tse, G., Kuzma, N., Khan, A.
2024
- **Using clinical decision support systems to decrease intravenous acetaminophen use: implementation and lessons learned.** *Applied clinical informatics*
Tse, G., Algaze, C., Pageler, N., Wood, M., Chadwick, W.
2023
- **An unexpected cause of weight loss in a teenaged girl.** *Journal of paediatrics and child health*
Dong, E. E., Joshi, N., Tse, G.
2023
- **Seasonal Trends in Pediatric Respiratory Illnesses: Using Google Trends to Inform Precision Outreach.** *Pediatric emergency care*
Tse, G., McLean, L.
2022; 38 (2): e752-e755
- **A Systematic Review of Clinical Practice Guidelines for the Diagnosis and Management of Bronchiolitis.** *The Journal of infectious diseases*
Kirolos, A., Manti, S., Blacow, R., Tse, G., Wilson, T., Lister, M., Cunningham, S., Campbell, A., Nair, H., Reeves, R. M., Fernandes, R. M., Campbell, H.

2020; 222 (Suppl 7): S672-S679

- **Corrigendum to: A Systematic Review of Clinical Practice Guidelines for the Diagnosis and Management of Bronchiolitis.** *The Journal of infectious diseases*

Kirolos, A., Manti, S., Blacow, R., Tse, G., Wilson, T., Lister, M., Cunningham, S., Campbell, A., Nair, H., Reeves, R. M., Fernandes, R. M., Campbell, H.

2020; 221 (7): 1204