Name: Ivy Ka Yu Cheng, PhD

Contact details: ikycheng@hku.hk | Tel: +852 3917 1562

CURRENT PROFESSIONAL APPOINTMENTS

Since Sep 2023	**Assistant Professor,** *University of Hong Kong, Hong Kong*
Since Sep 2022	**Visiting Professor**, *Katholieke Universiteit Leuven, Belgium*
Since Aug 2021	**Honorary Clinical Research Fellow**, *University of Manchester, UK*
Since Aug 2021	**Honorary Postdoctoral Research Associate**, *University of Manchester, UK*
Since Mar 2023	**General Secretary and Executive Board member (elected),** European Society for Swallowing Disorders (ESSD)

ACADEMIC / PROFESSIONAL QUALIFICATIONS

Apr 2025	**Professional Certificate in Teaching and Learning in Higher Education**, *HKU*
Nov 2022	United Kingdom Health and Care Professions Council (HCPC) registered speech therapist (Registration number: SL040203)
Sep 2013 – Nov 2018	**Ph.D.** in Speech and Hearing Sciences (Deglutition Sciences), *HKU* Title: *"Non-invasive brain stimulation as a treatment for post-stroke swallowing disorders"*
Sep 2009 – Aug 2013	**B.Sc. (Hons)** in Speech and Hearing Sciences, *HKU* · *Second Class (Division I) Honours* · *Dean's Honour List 2010-2011*
Jul 2015	**Certificate of Teaching and Learning in Higher Education,** *HKU*

PREVIOUS ACADEMIC RESEARCH EXPERIENCE

May 2023 – Mar 2024	**Women in Research (WiRe) Post-doctoral Fellow**, *University of Münster (Germany)* · Conducted research projects on swallowing neurophysiology using magnetoencephalography (MEG) · Presented findings at local and international conferences · Engaged in scientific communication activities both locally and internationally
Apr 2022 – Mar 2023	**Senior Research Assistant**, *HKU (HK)* · Designed and conducted clinical trials related to dermatomyositis and dysphagia · Managed research study ethics applications · Analysed and interpreted study data, and published peer-reviewed articles
May 2018 – Aug 2021	**Post-doctoral Research Associate**, *University of Manchester (UK)* · Supervised undergraduate and postgraduate students on research projects · Prepared grant proposal and relevant application documents · Designed and conducted whole-human experimental studies on neuroplasticity and swallowing neurophysiology using non-invasive brain stimulation (NIBS) techniques · Provided training on specialised electrophysiology techniques · Analysed and interpreted study data, and presented findings through publishing peer-reviewed articles and at national and international conferences

Aug 2018 – Present	**Honorary Clinical Research Fellow**, *University of Manchester (UK)* Conduct and coordinate research studies at Salford Royal Hospital
Sep 2013 – Aug 2017	**Research Assistant I**, *HKU (HK)* · Coordinated and conducted research studies related to dysphagia · Provided swallowing assessments and treatment in the community
Jul 2012 – Sep 2012	**Research Intern**, *University of Queensland (Australia)* · Conducted research studies using transcranial magnetic stimulation (TMS)

TEACHING EXPERIENCE

Sep 2023 - Present	**Assistant Professor,** *HKU (HK)* · Motor Speech Disorders (SHSC4033) - Develop course materials and in-class assessments - SFTL overall teaching effectiveness rating above departmental average (89.1) · Adult Complex Case (SHSC4035) - Develop and mark student written assignments; Facilitate in-class discussions - SFTL overall teaching effectiveness rating above departmental average (87.1)
Sep 2022 – Present	**Visiting Professor**, *Katholieke Universiteit Leuven, Belgium* · Deliver lectures on **neuroimaging and neurophysiology of swallowing** and **Research Methods** for Advanced Master of Science in Deglutology programme · Design assessments to evaluate students' performance
16 Apr 2021	**Guest Lecturer**, *Trinity College Dublin, University of Dublin (Ireland)* · Delivered a lecture (2 hours) on **Neuromodulation for neurogenic dysphagia**
May 2018 – Aug 2021	**Co-supervisor**, *University of Manchester (UK)* · Co-supervised 2 PhD students and 2 final-year BSc (Neurosciences) students on their dissertations
Sep 2017 – Nov 2017	**Guest Lecturer**, *Hong Kong Education University (HK), Hong Kong Baptist University (HK)* · Delivered 4 lectures (3 hours each) on **Introduction to Special Needs Education**
Sep 2014 – Jun 2016	**Teaching Assistant**, *University of Hong Kong (HK)* · Prepared teaching materials for and taught Motor Speech Disorders Course, Dysphagia Course and Swallowing Skills lab · Prepared and marked assessments · Demonstrated the use of fibreoptic endoscopic evaluation of swallowing

OTHER PROFESSIONAL EXPERIENCE

Sep 2017 – May 2018	**Senior Speech and Language Therapist**, *Chance Developmental Support Centre, Hong Kong* · Provided speech therapy for students at local secondary schools

PEER-REVIEWED PUBLICATIONS (H-INDEX: 15) *†Corresponding author *Co-first author*

1. **Cheng I**, Suntrup-Krueger S. Effects of combined transcranial direct current stimulation and oral capsaicinoids on swallowing functions: a randomized controlled trial. Neurogastroenterology and Motility. 2025 Jul (*under review*)
2. **Cheng I**, Li W-q, Hamdy S, Michou E, Huckabee M-L, Tomsen N, Clavé P, Dziewas R. Brainstem stroke and dysphagia treatment: the role of neuromodulation, skill-based swallowing training and transient receptor potential agonists. Journal of Audiology Research. 2025 Jul (*under review*)
3. Sasegbon A, Bastawisy K, **Cheng I**, Hamdy S. The prevalence of post-infection and post-sepsis dysphagia in hospitalised patients, an overlooked pathological entity. Dysphagia. 2025 May (*under review*).
4. Li W-q, **Cheng I**, Sasegbon A, Dai M, Hamdy S. A systematic review and meta-analysis on the application of thickened liquids to treat adults with neurogenic dysphagia. Journal of Oral Rehabilitation. 2025 Jul; Epub ahead of print. **(IF: 3.1)**
5. Dai M, **Cheng I**, Sasegbon A, Li W-q, Hamdy S. A meta-analysis and systematic review of the effects of sensory modulation treatments for neurogenic oropharyngeal dysphagia. CNS Neuroscience & Therapeutics. 2025 Jul; Epub ahead of print. **(IF:4.8)**
6. †**Cheng I**, Rommel N, Duchac S, Regan J, Speyer R, Dziewas R. Understanding healthcare professional's knowledge and practice regarding malnutrition and dysphagia: insights from Targeted Education to Address Malnutrition and Swallowing disorders (TEAMS) international survey. Nutrition. 2025 Jun;139: 112858 **(IF:3.2)**
7. Mari A, Calabrese F, Pasta A, [et al., including **Cheng, I**] (2025), Esophageal and Oropharyngeal Dysphagia: Clinical Recommendations From the United European Gastroenterology and European Society for Neurogastroenterology and Motility. United European Gastroenterol J. **(IF:5.8)**
8. Sasegbon A, **Cheng I**, Li W-q, Dai M, Hamdy S. Device-based solutions supporting patients with swallowing problems. Expert Review of Medical Devices. 2025 May. 1-11 **(IF:5.9)**
9. **Cheng I**, Bath PM, Hamdy S, Muhle P, Mistry S, Dziewas R, Suntrup-Krueger S. Clinical predictors of outcome after pharyngeal electrical stimulation (PES) in non-stroke related neurogenic dysphagia after mechanical ventilation and tracheotomy: Results from subgroup analysis of PHADER study. Neurological Research and Practice. 2025 Apr; 7(23) **(IF:3.6)**
10. Sasegbon A, ***Cheng I**, Hamdy S. The neurorehabilitation of post-stroke dysphagia - physiology and pathophysiology. Journal of Physiology. 2025 Feb; 603(3):617-634. **(IF: 6.2)**
11. Chan TWC, Wu TY, †**Cheng, I**. A Systematic Review on Dysphagia Treatments for Individuals with Dementia. European Geriatric Medicine. 2024 Nov; 1-13 **(IF: 3.5)**
12. **Cheng I**, Wong CSM, Chan HHL. A retrospective review on the prevalence and clinical features of dysphagia in patients with dermatomyositis in Hong Kong. Dysphagia. 2024 Nov; 1-11. **(IF: 2.6)**
13. **Cheng I**, Bath PM, Hamdy S, Muhle P, Mistry S, Dziewas R, Suntrup-Krueger S. Predictors of pharyngeal electrical stimulation treatment success in tracheotomised stroke patients with dysphagia: Secondary analysis from PHADER cohort study. Neurotherapeutics. 2024 Sep;21(5):e00433. **(IF: 5.6)**
14. Sasegbon A, **Cheng I**, Labeit B, Lapa S, Rommel N, Hamdy S. New and Evolving Treatments for Neurologic Dysphagia. Drugs. 2024 Aug; 84(8): 909-932. **(IF: 13.0)**
15. **Cheng I**, Sasegbon A, Hamdy S. Dysphagia treatments in Parkinson's disease: a systematic review and meta-analysis. Neurogastroenterology and Motility. 2023 Aug; 35(8):e14517. **(IF: 3.5)**
16. **Cheng I**, Wong CSM. A systematic review and meta-analysis on the prevalence and clinical characteristics of dysphagia in patients with dermatomyositis. Neurogastroenterology and Motility. 2023 April; 35(9): e14572. **(IF: 3.5)**

17. †**Cheng I**, Takahashi K, Miller A. and Hamdy S. Cerebral control of swallowing: an update on neurobehavioral evidence. Journal of Neurological Sciences. 2022 Nov; 442:120434. **(IF: 3.3)**
18. **Cheng I,** Hamad A, Sasegbon A, Hamdy S. Advances in the treatment of dysphagia in neurological disorders: A Review of Current Evidence and Future Considerations. Neuropsychiatric Disease and Treatment. 2022 Oct; 18:2251–2263. **(IF:3.2)**
19. **Cheng I**, Sasegbon A, Hamdy S. Evaluating the therapeutic application of neuromodulation in the human swallowing system. Dysphagia. 2022 Oct; 1-20. **(IF: 2.6)**
20. **Cheng I**, Sasegbon A, Hamdy S. Effects of pharmacological agents for neurogenic oropharyngeal dysphagia: A systematic review and meta-analysis. Neurogastroenterology & Motility. 2022 Mar; 34(3):e14220. **(IF: 3.5)**
21. †**Cheng I**, Sasegbon A, Hamdy S. A systematic review and meta-analysis of the effects of intraoral treatments for neurogenic oropharyngeal dysphagia. Journal of Oral Rehabilitation. 2022 Jan; 49(1):92-102. **(IF: 3.1)**
22. **Cheng I**, Sasegbon A, Hamdy S. Effects of Neurostimulation on Poststroke Dysphagia: A Synthesis of Current Evidence From Randomized Controlled Trials. Neuromodulation: Technology at the Neural Interface. 2021 Dec; 24(8):1388-1401. **(IF: 3.2)**
23. **Cheng I**, Hamdy S. Metaplasticity in the human swallowing system: clinical implications for dysphagia rehabilitation. Neurological Sciences. 2021 Oct; 16:1-11. **(IF: 3.6)**
24. **Cheng I**, Hamdy S. Current perspectives on the benefits, risks, and limitations of non-invasive brain stimulation (NIBS) for post-stroke dysphagia. Expert Review of Neurotherapeutics. 2021 Sep; 6:1-2. **(IF: 4.3)**
25. Sasegbon A, Hammerbeck U, Michou E, **Cheng I**, Zhang M, James C, Hamdy S. A feasibility pilot study of the effects of neurostimulation on dysphagia recovery in Parkinson's Disease. AMRC Open Research. 2021 Sep; 3:19. **(IF: 4.0)**
26. Zhang M, **Cheng I**, Sasegbon A, Dou Z, Hamdy S. Exploring parameters of gamma transcranial alternating current stimulation (tACS) and full-spectrum transcranial random noise stimulation (tRNS) on human pharyngeal cortical excitability. Neurogastroenterology & Motility. 2021 Jun; 3;33(9):e14173. **(IF: 3.5)**
27. **Cheng I**, Scarlett H, Zhang M, Hamdy S. Preconditioning human pharyngeal motor cortex enhances directional metaplasticity induced by repetitive transcranial magnetic stimulation. Journal of Physiology. 2020 Aug; 598(22):5212-5230. **(IF: 6.2)**
28. Sasegbon A, **Cheng I**, Zhang M, Hamdy S. Advances in the Use of Neuromodulation for Neurogenic Dysphagia: Mechanisms and Therapeutic Application of Pharyngeal Electrical Stimulation, Transcranial Magnetic Stimulation, and Transcranial Direct Current Stimulation. American Journal of Speech-Language Pathology. 2020 Jul; 29(2S):1044-1064. **(IF: 2.3)**
29. Chow VL, Chan JY, **Cheng I**, Chan KM. Swallowing disorders following free jejunal flap reconstruction of circumferential pharyngeal defect: Does Botox help? Oral Oncology. 2020 May; 104:104612. **(IF: 5.9)**
30. Raginis-Zborowska A, **Cheng I**, Pendleton N, Payton A, Ollier W, Michou E, Hamdy S. Genetic influences on the variability of response to repetitive transcranial magnetic stimulation in human pharyngeal motor cortex. Neurogastroenterology & Motility. 2019 Jul; 31(7):e13612. **(IF: 3.5)**
31. Lu D, Huang M, **Cheng I**, Dong J, Yang H. Comparison and correlation between the paediatric Voice Handicap Index and the paediatric voice-related quality-of-life questionnaires. Medicine. 2018 Sep; 97(36).
32. **Cheng I**, Yiu EM, Chan KM. Changes in resting motor threshold of the tongue with normal aging and stroke. Somatosensory & motor research. 2018 Jan 10; 34(4):242-7. **(IF: 1.2)**

33. Lu D, Huang M, Li Z, **Cheng I**, Yang H, Chen F, Wang H, Zou J. Validation of the Mandarin Chinese Version of the Paediatric Voice-Related Quality of Life (pVRQOL). Journal of Voice. 2017 Dec 25; 33(3):325-332. **(IF: 2.2)**
34. Lu D, Huang M, Li Z, Yiu EM, **Cheng I**, Yang H, Ma EP. Adaptation and validation of Mandarin Chinese version of the paediatric Voice Handicap Index (pVHI). International journal of paediatric otorhinolaryngology. 2017 Oct 25; 104:19-24. **(IF: 3.2)**
35. **Cheng I**, Chan KM, Wong CS, Li L, Chiu MY, Cheung R, Yiu EM. Neuronavigated high-frequency repetitive transcranial magnetic stimulation for chronic post-stroke dysphagia: A randomized controlled study. Journal of rehabilitation medicine. 2017 Jun; 49(6):475-481. **(IF: 2.9)**
36. †**Cheng I**, Chan KM, Wong CS, Cheung RT. Preliminary evidence of the effects of high-frequency repetitive transcranial magnetic stimulation (rTMS) on swallowing functions in post-stroke individuals with chronic dysphagia. International journal of language & communication disorders. 2015 Apr; 50(3):389-96. **(IF: 1.5)**

PEER-REVIEWED BOOK CHAPTERS

1. **Cheng I**, Sasegbon A, Park J.-W., Hamdy S (2024, March). Neurorehabilitation strategies. A Multidisciplinary Approach to Managing Swallowing Dysfunction in Older People. Academic Press. Massachusetts, USA.
2. **Cheng I**, Hamdy S (2023, Nov). Dysphagia: Assessment and Treatment Planning: A Team Approach. 5th Edition. Plural Publishing Inc.

CONFERENCE PROCEEDINGS

1. **Cheng I**, Zhang M, Hamdy S. P327 Modulating human cortical swallowing function by conditioning the brain with repetitive transcranial magnetic stimulation. Gut. 2021;70(Suppl 1):A210.
2. Zhang M, **Cheng I**, Sasegbon A, Hamdy S. P349 Enhancing human pharyngeal cortical excitability with novel neurostimulation techniques of gamma tACS and full-spectrum tRNS. Gut. 2021;70(Suppl 1):A222.

KEYNOTE/INVITED SPEECH

1. **Keynote speaker.** (Nov 2025). Bridging Gaps in Dysphagia Care Across (WDS): Current Landscape and Future Directions of ESSD, 2nd Asian Dysphagia Society International Conference, Thailand
2. **Keynote speaker.** (Nov 2025). *Neurostimulation in Dysphagia Rehabilitation; From Peripheral to Brain-Based Approaches*, 2nd Asian Dysphagia Society International Conference, Thailand
3. **Keynote speaker.** (Oct 2025). *Rehabilitation and Neuro-targeted management of dysphagia*. 16th European Society for Swallowing Disorders (ESSD) Annual Congress, Greece
4. **Keynote speaker**. (June 2025). *Neuromodulation for neurogenic dysphagia: where are we?* 9th China Dysphagia Summit, China
5. **Invited speaker.** (Apr 2025). *Post stroke dysphagia and management*. Scientific meeting of Hong Kong Stroke Society. Hong Kong Stroke Society, Hong Kong
6. **Invited speaker.** (Dec 2024). *Maximising Outcomes in Dysphagia Rehabilitation: From Neuroplasticity to Metaplasticity*. University of Canterbury Rose Centre for Stroke Recovery and Research, New Zealand
7. **Invited speaker.** (Dec 2024). *Neuromodulation treatments for dysphagia*. TLV Dysphagia Congress 2024, Tel-Aviv, Israel
8. **Invited speaker.** (Nov 2024). *Non-invasive brain stimulation for dysphagia and Pharyngeal electrical stimulation for dysphagia.* International Dysphagia Conclave 2024, Jaipur, India

9. **Invited speaker.** (Oct 2024). *Optimizing the Response to Dysphagia Treatment through Metaplasticity: Current Insights and Future Implications.* The French Society of Physical and Rehabilitation Medicine (SOFMER) Congress 2024*,* Toulouse, France
10. **Invited speaker.** (May 2024). *Neurostimulation for Oropharyngeal Dysphagia: A Synopsis of Current Evidence and Future Directions*. Hong Kong Hospital Authority Convention 2024, Hong Kong
11. **Invited speaker.** (February 2024). *What's the alternative? evidence for other adaptive/compensation strategies in patients with dysphagia to fluids*. UK Swallowing Research Group 2024 Conference, United Kingdom
12. **Invited speaker.** (Jan 2024). *Unveiling the evidence: A review on recent advances in dysphagia treatments.* 9th Zurich Days of Dysphagia, Switzerland
13. **Invited speaker.** (Jun 2023). *Capitalising on neuroplasticity for the rehabilitation of swallowing disorders*. Department of Neurology Seminar. University of Münster, Germany
14. **Keynote Speaker.** (Sep 2022). *Neuroplasticity in dysphagia: where are we and is the sky the limit?* 12th European Society for Swallowing Disorders Congress. Leuven, Belgium
15. **Invited speaker.** (Nov 2021). *Novel pharmacotherapy.* 11th European Society for Swallowing Disorders Congress. Virtual.
16. **Invited speaker.** (Oct 2017). *Application of brain stimulation for post-stroke swallowing disorders.* The Symposium of Stroke Rehabilitation, Nanjing, China
17. **Invited speaker.** (Mar 2017). *The use of neuromodulation techniques in rehabilitation of swallowing functions after stroke*. West China Hospital, Chengdu, China

CONFERENCE PRESENTATIONS

1. **Cheng I**, Jung A, Muhle P, Suntrup-Krüger, S. (2025, Oct). Cross-modal neurostimulation on the human swallowing system: evidence from magnetoencephalography (MEG). Paper to be presented at 15th European Society for Swallowing Disorders Congress. Greece
2. **Cheng I** & Suntrup-Krüger (2025, Oct). Effects of combined transcranial direct current stimulation (tDCS) and capsaicin on swallowing function. Poster to be presented at 15th European Society for Swallowing Disorders Congress. Greece
3. **Cheng I**, Jung A, Muhle P, Suntrup-Krüger, S. (2024, Sep). Effects of cross-modal neurostimulation on the human swallowing system. Paper presented at 14th European Society for Swallowing Disorders Congress. Germany.
4. **Cheng I**, Bath PM, Hamdy S, Muhle P, Mistry S, Dziewas R, Suntrup-Krüger S. (2024, Sep). Investigation on factors for pharyngeal electrical stimulation success: A secondary analysis from PHADER cohort study with tracheotomised stroke patients with dysphagia. Paper presented at 14th European Society for Swallowing Disorders Congress. Germany.
5. **Cheng I**, Bath PM, Hamdy S, Muhle P, Mistry S, Dziewas R, Suntrup-Krueger S. (2024, Sep). Prediction of pharyngeal electrical stimulation success in traumatic brain injury, critical illness polyneuropathy and other neurogenic dysphagia following mechanical ventilation and tracheotomy: Insights from the PHADER Cohort Study. Poster presented at 14th European Society for Swallowing Disorders Congress. Germany.
6. Muhle P, Jung A, **Cheng I**, von Itter J, Wollbrink A, Wolters C, Vogenauer N, Gross J, Dziewas R, Suntrup-Krueger S. (2024, Sep). Effects of individually optimized multi-channel transcranial direct current stimulation on cortical activation during a challenged swallow task. Paper presented at 14th European Society for Swallowing Disorders Congress. Germany.

7. Chan CTW, Wu TYV, **Cheng I.** (2024, Sep). A Systematic Review on Dysphagia Treatments for Individuals with Dementia. Poster presented at 14th European Society for Swallowing Disorders Congress. Germany.
8. Wu TYV, Tso MY, **Cheng I**. (2024, Sep). Effects of muscle strengthening exercises on swallowing safety and efficiency: a systematic review. Poster presented at 14th European Society for Swallowing Disorders Congress. Germany.
9. **Cheng I**, Ogunbiyi Z and Hamdy S. (2023, Nov). Can metaplasticity in the human pharyngeal motor cortex reduce variability and increase responsiveness to repetitive transcranial magnetic stimulation (rTMS)? Paper presented at 13th European Society for Swallowing Disorders Congress. France
10. **Cheng I**, Sasegbon A, Hamdy S. (2022, Sep). A systematic review and meta-analysis on the efficacy of dysphagia treatments for patients with Parkinson's disease. Paper presented at 12th European Society for Swallowing Disorders Congress. Belgium
11. **Cheng I**, Sasegbon A, Hamdy S. (2021, Nov). A systematic review and meta-analysis on the efficacy of pharmacological agents for neurogenic oropharyngeal dysphagia. Paper presented at 11th European Society for Swallowing Disorders Congress. (Virtual)
12. **Cheng I**, Sasegbon A, Hamdy S. (2021, Aug). A systematic review and meta-analysis on pharmacological interventions for post-stroke dysphagia. Paper presented at 2nd World Dysphagia Summit. (Virtual) Japan
13. **Cheng I**, Zhang M, & Hamdy S. (2021, Feb). Modulating human cortical swallowing function by conditioning the brain with repetitive transcranial magnetic stimulation. Poster presented at British Society of Gastroenterology 2021. (Virtual) United Kingdom
14. Zhang M, **Cheng I**, Sasegbon A, & Hamdy S. (2021, Feb). Enhancing human pharyngeal cortical excitability with novel neurostimulation techniques of gamma tACS and full-spectrum tRNS. Poster presented at British Society of Gastroenterology 2021. (Virtual) United Kingdom
15. **Cheng I**, Niziolek N, Zhang M, Hamdy S. (2020, Oct). Preconditioned repetitive transcranial magnetic stimulation on human pharyngeal motor cortex enhances swallowing behavioural responses following brain stimulation. Paper presented at 10th European Society for Swallowing Disorders Congress. (Virtual) Spain
16. Zhang M, **Cheng I (presenting)**, Sasegbon A, Dou Z, Hamdy S. (2020, Oct). Enhancing human pharyngeal cortical excitability through the application of gamma tACS and full-spectrum tRNS: a dose ranging exploratory study. Paper presented at 10th European Society for Swallowing Disorders Congress. (Virtual) Spain
17. **Cheng I**, Raginis-Zborowska A, & Hamdy S. (2019, Sep). Ethnicity differences in the response to repetitive transcranial magnetic stimulation (rTMS) of the human pharyngeal motor cortex. Paper presented at 9th European Society for Swallowing Disorders Congress. Vienna, Austria
18. **Cheng I**, Scarlett H, Melina Z, & Hamdy S. (2019, Sep). Facilitating Human Pharyngeal motor cortex through preconditioned repetitive transcranial magnetic stimulation (rTMS): evidence for metaplasticity. Paper presented at 9th European Society for Swallowing Disorders Congress. Vienna, Austria
19. **Cheng I**, Raginis-Zborowska A, & Hamdy S. (2019, May). Effects of genetic predispositions on response variability in human pharyngeal motor cortex following repetitive transcranial magnetic stimulation (rTMS). Poster presented at Digestive Disease Week 2019. Chicago, USA

20. **Cheng I**, Yiu EML, & Chan KMK. (2018, Sep). Inter-individual variability in the responses to rTMS as a treatment for chronic post-stroke dysphagia. Poster presented at the 8th European Society for Swallowing Disorders Congress. Dublin, Ireland
21. **Cheng I**, Chan, KMK, & Yiu, EML. (2017, Sep). Development of the Assessment Battery for Cantonese Dysarthric individuals (ABCD): Preliminary normative data. Poster presented at the 10th Asia Pacific Conference on Speech, Language and Hearing, Narita, Japan
22. **Cheng I**, Yiu EML, & Chan, KMK. (2017, Aug). Using 5Hz repetitive transcranial magnetic stimulation to improve swallowing functions after stroke. Paper presented at the Conference for Speech, Language and Communication Science and Disorders across the lifespan 2017, Hong Kong
23. **Cheng I**, Yiu EML, Wong CS, Li LSW, Chiu K & Chan KMK. (2017, May). Rehabilitation of chronic post-stroke dysphagia using repetitive transcranial magnetic stimulation (rTMS). Paper presented at the 5th China Dysphagia Summit Forum, Guangzhou, China
24. **Cheng I**, Yiu EML, Li LSW, Chiu KMY, Wong CS & Chan KMK. (2017, Mar). 5Hz repetitive transcranial magnetic stimulation (rTMS)—effects on cortical excitability and speech and swallowing functions in stroke patients. Poster presented at the 2nd International Brain Stimulation Conference. Barcelona, Spain
25. **Cheng I**, Yiu EML, Li LSW, Chiu KMY, Wong CS & Chan KMK. (2017, Mar). The use of 5Hz rTMS to improve swallowing functions in chronic post-stroke dysphagia. Paper presented at the Dysphagia Research Society 2017 Annual Meeting. Portland, United States
26. **Cheng I**, Chan MKK, Wong CS, Cheung TFR, Li SWL & Chiu MYK. (2016, Oct). Short term effects of 5Hz repetitive transcranial magnetic stimulation (rTMS) on swallowing and speech functions in post-stroke individuals. Poster presented at the 6th European Society for Swallowing Disorders Congress. Milan, Italy
27. **Cheng I**, Chan MKK, Wong CS, Cheung TFR, Li SWL & Chiu MYK. (2016, Oct). Motor evoked potentials of the tongue in healthy adults and dysphagic individuals. Poster presented at the 6th European Society for Swallowing Disorders Congress. Milan, Italy
28. **Cheng I**, Chan KMK, Wong CS, Li LSW, Chiu K & Cheung RTF. (2016, Sep). Use of 5Hz rTMS to improve speech functions in post-stroke dysarthric patients. Paper presented at the 39th Australasian Society for the Study of Brain Impairment Annual Brain Impairment Conference, Macau, China
29. **Cheng I**, Yiu EML & Chan KMK. (2016, Jul). The use of 5Hz rTMS as a treatment for swallowing disorders after stroke. Paper presented at Science of Learning Institute SummerFest 2016, The University of Hong Kong, Hong Kong
30. **Cheng I**, Yiu EML & Chan KMK. (2016, May). Effects of 5Hz repetitive transcranial magnetic stimulation (rTMS) on swallowing functions in post-stroke survivors. Paper presented at the Faculty of Education Postgraduate Research Conference, The University of Hong Kong, Hong Kong
31. **Cheng I**, Chan K, Wong CS, Cheung RTF, Li LSW & Chiu, K (2015, Oct). Effects of 5Hz repetitive transcranial magnetic stimulation (rTMS) on swallowing functions of dysphagic individuals. Paper presented at the 5th European Society for Swallowing Disorders Congress. Barcelona, Spain
32. **Cheng I,** Chan KMK, Chiu K, Wong CS, Li L & Cheung R. (2014, Nov). Effects of repetitive transcranial magnetic stimulation on post-stroke survivors' swallowing functions. Poster presented at the 2nd Australasian and Asia Pacific Laryngology Conference. Hobart, Australia

GRANTS, AWARDS AND HONOURS

Dates	Detail of grant, prize, award, or honour	Awarding/electing body
2025	HKU Overseas Fellowship Awards 2025-26	University of Hong Kong, HK
2025	Faculty Research Fund	University of Hong Kong, HK
2024	URC Seed Fund for Basic Research for New Staff and Faculty Research Fund	University of Hong Kong, HK
2023-2024	Women in Research (WiRe) Post-doctoral Fellowship	University of Münster, Germany
2021	Highly commended Research Staff Strategy Group (RSSG) Excellence Award	University of Manchester, UK
2021	2nd World Dysphagia Summit Scholarship	World Dysphagia Summit Committee
2019	9th European Society for Swallowing Disorders Congress travel grant	European Society for Swallowing Disorders
2017	Sponsorship to Symposium of Stroke Rehabilitation	Hong Kong Neurological Society, HK
2013-2017	Postgraduate Scholarship	University of Hong Kong, HK
2014	Faculty of Education Faculty Research Fund	University of Hong Kong, HK
2013	Sir Edward Youde Memorial Fellowship	Sir Edward Youde Memorial Fund, HK
2011	Undergraduate Research Internship Award	University of Hong Kong, HK
2009	Robert Fu Yi Ming Memorial Charity Scholarship	Robert Fu Yi Ming Memorial Charity Fund, HK

RELEVANT PROFESSIONAL TRAINING

1. **Good Clinical Practice Refresher,** National Institute for Health and Care Research (NIHR), 2025
2. **Good Clinical Practice**, TRREE, University of Hong Kong, 2022
3. **Good Clinical Practice**, The University of Manchester, UK, 2018; Refresher courses: 2020, 2022
4. **Infection Control Level 1**, Salford Royal Foundation Trust, UK, 2018
5. **Health and Safety**, Salford Royal Foundation Trust, UK, 2018
6. **Fire Safety for Clinical Staff**, Salford Royal Foundation Trust, UK, 2018
7. **Patient Contact-Equality and Diversity**, Salford Royal Foundation Trust, UK, 2018
8. **Patient Contact-Manual Handling**, Salford Royal Foundation Trust, UK, 2018
9. **Information Governance and Health Records**, Salford Royal Foundation Trust, UK, 2018

OTHER PROFESSIONAL RESPONSIBILITIES AND AFFILIATIONS

1. **General Secretary and Executive Board member** of the European Society for Swallowing Disorders (ESSD)
2. **Reviewer** for the following journals:
   Dysphagia, Journal of Applied Physiology, Journal of Rehabilitation Medicine, Frontiers in Physiology, Brain and Behaviour, Experimental Brain Research, Disability and Rehabilitation, Cognitive Processing, Brain Impairment, Physiology and Behaviour, Archives of Physical Medicine and Rehabilitation, Journal of Clinical Medicine, International Journal of Language and Communication Disorders, Clinical Neurophysiology, Brain Organoid and Systems Neuroscience Journal, Journal of Applied Physiology, Neuromodulation: Technology at the Neural Interface

LANGUAGE AND OTHER SKILLS

1. Advanced professional proficiency in English (IELTS overall 8.0)
2. Advanced professional proficiency in written Chinese and English
3. Native speaker proficiency in Cantonese
4. SPSS
5. Video-editing
6. Microsoft Office (Word, PowerPoint, Excel)