

Lucia LU

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EDUCATION

University of Electronic Science and Technology of China (UESTC), Chengdu, China Master of Clinical Medicine (Master) Major: Clinical Medicine GPA: 3.23/4.0 (Ranked 4 th), with First Class Scholarship	09/2018-06/2021
West China School of Public Health, Sichuan University (SCU), Chengdu, China Bachelor of Science Major: Health Inspection and Quarantine	09/2013-06/2017

PUBLICATIONS

- Yang, H., **Lu, S.**, & Yang, L. (2024). Clinical prediction models for the early diagnosis of obstructive sleep apnea in stroke patients: a systematic review. *Systematic Reviews*, 13(1), 38. 2024 JCR IF 6.3, **Q1** in MEDICINE, GENERAL & INTERNAL.
- Yang, L., **Lu, S.**, & Zhou, L. (2024). The Implications of Artificial Intelligence on Infection Prevention and Control: Current Progress and Future Perspectives. *China CDC Weekly*, 5(35), 901-904. 2024 JCR IF 4.3, **Q1** in PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH.
- Du, P., Jin, S., **Lu, S.**, Wang, L., Ma, X., Wang, J., ... & Feng, X. (2024). Strategies to increase the coverage of influenza and pneumonia vaccination in older adults: a systematic review and network meta-analysis. *Age and Ageing*, 53(3), afae035. 2024 JCR IF 6.0, **Q1** in GERIATRICS & GERONTOLOGY.
- Chen, J., Yang, L., Mak, Y. W., O'Donoghue, M., Shi, C., Tsang, H., **Lu, S.**, Zou, J., Qin, J., Xie, Y. J., Lai, T., Li, C., Cao, J., & Pittet, D. (2024). Hand Hygiene Education Components Among First-Year Nursing Students: A Cluster Randomized Clinical Trial. *JAMA network open*, 7(6), e2413835. 2024 JCR IF 10.5, **Q1** in MEDICINE, GENERAL & INTERNAL.
- **Lu, S.**, Luo, X., Ni, X., & Li, H. (2021). Reporting quality evaluation of the stroke clinical practice guidelines: a systematic review[J]. *Journal of Systematic Reviews*, 2021, 10: 1-15. 2024 JCR IF 6.3, **Q1** in MEDICINE, GENERAL & INTERNAL.
- **Lu, S.**, Qian, Z., Luo, X., Chen, Y., & Liu, L. (2021). Mortality and clinical interventions in critically ill patient with coronavirus disease 2019: a systematic review and meta-analysis. *Frontiers in medicine*, 8, 635560. 2024 JCR IF 6.3, **Q1** in MEDICINE, GENERAL & INTERNAL.
- **Lu, S.**, Zhao, S., Wu, S., & Wang, Z. (2021). Analysis of Covid-19 guideline quality and change of recommendations: A systemic review. *Journal of Health Data Science*, 2021, Article ID 9806173
- **Lu, S.**, Zhao, S., Wu, S., & Luo, X. (2021). Cross-sectional study of 2019 Chinese guideline evidence quality and classification situation of recommendation strength. Accepted by: *Medical Journal of Peking Union Medical College Hospital*
- **Lu, S.**, Wang, L., Luo, X., & Yu, X. (2020). Clinical Practice Guidelines of Rehabilitation: Composition of Expert Group and Situation of Conflict of Interest. *Journal of Chinese Rehabilitation Theory and Practice*, 26(2), 150-155
- **Lu, S.**, Zhou, Q., Huang, L., & Shi, Q. (2020). Effectiveness and safety of glucocorticoids to treat COVID-19: a rapid review and meta-analysis. *Journal of Annals of Translational Medicine*, 8(10), 627. (Cited 82 times)
- WANG, L., **LU, S.**, Luo, X., & Yang, K. H. (2020). Clinical Practice Guidelines of Rehabilitation: Composition of Expert Group and Situation of Conflict of Interest. *Chinese Rehabilitation Theory and Practice*, 26(2), 150-155. (In Chinese)
- Zhao, S., Cao, J., Shi, Q., Wang, Z., Estill, J., Lu, S. & Luo, X. (2020). A quality evaluation of guidelines on five different viruses causing public health emergencies of international concern. *Journal of Annals of Translational Medicine*, 8(7)

- Zhang, X., Lv, M., Luo, X., Yu, X., Lu, S. & Wang, L. (2020). Recommendations of Clinical Practice Guidelines of Stroke Rehabilitation. *Journal of Chinese Rehabilitation Theory and Practice*, 26(2), 170-180. (In Chinese)

CONFERENCE PRESENTATIONS

American Diabetes Association's 84th Scientific Sessions, Orlando, United States

21/06-24/06/24

- DiaLOG: A personalized and interactive diabetes education platform empowered with risk assessment AI algorithms and ChatGPT.

The PolyU Research Student Conference (PRSC) 2024, won the Best Presentation Runner-up

29/08-30/08/24

- Evaluation for Applying Traditional Chinese Medicine Large Language Models in Hong Kong's Primary Healthcare: A Mixed-Methods Study Protocol

The 19th National Clinical Epidemiology and Evidence-Based Medicine Conference of Chinese Medical Association, Online, China

09/27/2021

- Presented the research article – *Research on childhood leukemia therapeutic regime recommended by domestic and international guidelines*

The 27th Cochrane Colloquiu, Toronto, China

Postponed

- Presented the research articles – *Coronavirus disease 2019 (COVID-19): overview of systematic review and Effectiveness and safety of glucocorticoids to treat COVID-19: A rapid review and meta-analysis*

PROJECTS

Clinical Practice Guideline

1. Rapid advice guidelines for management of children with COVID-19

01/02/2021

- Responsible for writing the *Clinical question 6: should systemic corticosteroids be used to treat children with severe COVID-19?*
- Published a systematic review for the guideline.

2. Infertility-related hysteroscopy guidelines

- Responsible for two PICOs (*What are the indications for surgery for endometrial polyps? What is the effectiveness and safety of surgery?* and *What are the indications for surgery for uterine fibroids? What is the effectiveness and safety of surgery?*).

3. Guideline for the diagnosis, treatment and prevention of pulmonary thromboembolism (2018 edition)

4. 2020 Systemic Lupus Erythematosus Guideline

Book Manuscript Compilation

1. 《GRADE in systematic evaluation and practice guidelines》, published by China Union Medical University Press
2. The exercise questions for the textbook 《Evidence-based Medicine》, published by People's Health Publishing House.
3. 《Evidence-based Diagnostics: Theory and Practice》

INTERNSHIP

Sichuan Entry-Exit Inspection and Quarantine Bureau, Chengdu, China

Intern in the Health Center

07/2016-08/2016

- Rotated in Hematology Department and Urine Routine Department
- Conducted venous blood sampling and blood routine test of patients

Intern in the Airport Laboratory

08/2016-09/2016

- Rotated in the national key Pathogen Test Lab, Food Microbiology Lab, and P&C Lab of Public Health
- Conducted tests of sampling blood, urine, faces, throat swab, food, vector, etc.

Chengdu Disabled Persons' Association, Chengdu, China

07/2014-08/2014

Intern

- Assisted the disabled children and adults in doing rehabilitation training

EXTRACURRICULAR EXPERIENCE

Department of Pediatrics, Sichuan Provincial People's Hospital, Chengdu, China **05/2021-06/2021**

Volunteer

- Organized volunteer activities, including supplies purchasing, kid activity designing, and gift donation

Chengdu 9th Paralympic Games, Chengdu, China **09/2020-09/2020**

Volunteer

- Organized volunteer teams to prepare for the opening ceremony

Living Environment Science and Research Association, SCU, Chengdu, China **09/2015-06/2016**

Founder & Organizer

- Founded the association and recruited members; responsible for financial management; organized research projects

Academic Technology Association, SCU, Chengdu, China **09/2014-06/2015**

Deputy Director

- Organized academic technology events, such as Electronic Production Competition, Web Design Competition, China Undergraduate Physics Tournament, Legal Knowledge Contest and so on

HONORS & AWARDS

- Outstanding University Graduate**, awarded by the Education Department of Sichuan Province **2021**
- First-Class Graduate Student Scholarship**, awarded by UESTC **2020**
- Third-Class Graduate Student Scholarship**, awarded by UESTC **2019**
- Outstanding Graduation Thesis**, awarded by SCU **2017**
- Bronze Prize of Youth Innovation and Entrepreneurship Competition**, awarded by the Education Department of Sichuan Province **2016**
- Outstanding Student Leader**, awarded by SCU **2015**

ADDITION

- Lab Skills:** Information retrieval, literature screening and evaluation, statistical analysis, medical guideline analysis
- Computer Skills:** R language, Stata, Rev Man, Endnote, Microsoft Office, Guideline and literature evaluation tools (GRADE, AGREE II, RIGHT, ROB, CONSORT, NOS, JBI, AMSTAR)
- Language Skills:** Native in Chinese; Proficient in English (IETS 6.0)
- Personal Interests:** Freehand sketching, singing, boxing