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Biosketch

Erica A. Suzumura is a Senior Scientist at the Institute of Public Health, Medical Decision Making and Health Technology Assessment at the Department of Public Health, Medical Decision Making and Health Technology Assessment, UMIT TIROL - University for Health Sciences and Health Technology in Hall in Tirol, Austria.

Erica holds a Doctor of Science with concentration in Collective Health, Health Policy, Planning, Management and Evaluation, and a Master of Science in Epidemiology from the Medical School of the University of Sao Paulo, Brazil. She also holds a Bachelor's degree in Physiotherapy from the State University of Londrina, Brazil, complemented by a residency in Cardiovascular and Respiratory Physiotherapy at the Dante Pazzanese Institute of Cardiology, Brazil, as well as a Postgraduate Certification in Health Technology Assessment (HTA) from the Federal University of Rio Grande do Sul, Brazil. She completed a doctoral stay at UMIT TIROL, supported by a competitive scholarship awarded by the Brazilian Federal Agency for Support and Evaluation of Graduate Education (CAPES).

Erica has coordinated international multicentric trials in perioperative and intensive care, contributing to high-impact publications and the update of national clinical guidelines. She has also conducted HTA reports to inform Brazilian public policy. Within the private sector, she has supported global reimbursement applications for hearing implants at the Austrian medical technology company MED-EL. Additionally, she was an invited lecturer for graduate courses in systematic reviews at the University of Sao Paulo and the Federal University of Bahia, Brazil, and tutored numerous workshops for the Brazilian HTA Network (REBRATS).

Her main methodological research interests include systematic reviews, meta-analyses, decision-analytic modeling, benefit-harm analyses, and cost-effectiveness analyses. Her substantive research centers on public health interventions, cardiovascular prevention, medical devices, and respiratory therapy in intensive care.

Erica has authored over 40 peer-reviewed publications, 22 textbook chapters, and led the development of the first edition of the Brazilian Ministry of Health's methodological guidelines for systematic reviews and meta-analyses of comparative observational studies on risk factors and prognosis. She is an active member of the HTA Unit in the Department of Preventive Medicine at the University of Sao Paulo, as well as the Brazilian National Health Technology Assessment Institute (IATS), and the REBRATS.