

Prof Marcus Ong

Prof Marcus Ong is a Senior Consultant and Clinician Scientist, at Emergency Medicine in SGH. He is also the Director of Health Services Research Center (HSRC), SingHealth Services; Professor and Director, Health Services and Systems Research (HSSR); Prehospital and Emergency Research Center (PERC), Duke-NUS Medical School. Prof Ong also serves as Medical Director, Unit for Prehospital Emergency Care (UPEC) and Senior Consultant, MOH, Hospital Services Division. Finally he is Chairman, Pan Asian Resuscitation Outcomes Study.

Prof Ong's research studies focus predominantly on pre-hospital emergency care, medical devices, data science and health services research. His research has addressed issues such as out-of-hospital cardiac arrest (OHCA), improving ambulance deployment, acute myocardial infarction care and emergency care. He is a leading researcher in Health Services Research and use of Data Science in Healthcare. He has patented inventions using Heart Rate Variability for risk prediction of acutely ill patients and cooling solutions for therapeutic hypothermia. Prof Ong has been awarded multiple national research grants and has accumulated over \$38 million in research grants for his studies which include geospatial diseases mapping, clinical drug trials, resuscitation and cardiovascular sciences, pre-hospital emergency care, and biomedical engineering. He has published close to 320 papers in both local and international journals.