



HSRI Seminar Series

Development and Validation of SARICA Score to Predict Survival After Return of Circulation in Out of Hospital Cardiac Arrest

Accurate and timely prognostication of patients with out-of-hospital cardiac arrest (OHCA) who achieved return of spontaneous circulation (ROSC) is crucial in clinical decision-making, resource allocation and communications with next-of-kin. We will discuss the development of the Survival After ROSC in Cardiac Arrest (SARICA), a practical clinical decision tool to predict survival in OHCA patients who attained ROSC. We will also discuss the AutoScore framework, which enables the development of interpretable machine-learning based clinical score creation.

Monday, 20 Sept 2021
via Zoom Webinar
11am to 12pm



Scan the QR code or
sign up for free by **19**
Sept 2021 at
<https://tinyurl.com/3bd4kda6>

Speakers

Hosted by Professor Nicholas Graves, Deputy Director, Health Services Research Institute (HSRI)



Dr Andrew Ho

Emergency Physician, SGH

- Dr Ho is an Emergency Physician with clinical and research interests in sudden cardiac arrest.
- He integrates techniques from clinical research, population health sciences and implementation science to drive improvements in patients with out-of-hospital cardiac arrest.



Dr Liu Nan

Associate Professor, Duke-NUS

- Dr Liu Nan is an artificial intelligence researcher with interests in interpretable machine learning and computational physiology.
- He develops and applies advanced computational methodologies to health services research, emergency and critical care, cardiovascular research, and medical device innovation.