

Biography: Dr. Lewis McLean

Dr. Lewis McLean
B.Med, Dip CU, DDU, FCICM
Chair, ANZICS Global Intensive Care Initiative (GICI)
Intensive Care Specialist, Nepean Hospital and John Hunter Hospital,
Australia
Clinical Senior Lecturer, University of Sydney
ECMO Education Lead, NSW Agency for Clinical Innovation



Lewis is an Intensivist at both Nepean ICU and John Hunter Hospital ICU, and is the current Chair of the Australian and New Zealand Intensive Care Society (ANZICS) Global Intensive Care Initiative (GICI). Passionate about improving critical care in low- and lower middle-income countries, Lewis has significant experience in healthcare systems across the Indo-Pacific region.

Having completed his fellowship at the Alfred Hospital, specializing in critical care education and echocardiography, Lewis plays a leading role in developing training programs for critical care ultrasonography in both high-income and resource-limited settings. He is the co-lead of the POCUS in Emergency and Acute Care Settings (PEARLS) program, in collaboration with Emergency Physician Dr. Jono Henry, which has trained over 100 clinicians in POCUS across multiple low and lower middle income countries.

Lewis's expertise includes point-of-care ultrasound (POCUS), and he holds a Diploma in Diagnostic Ultrasound (Critical Care). He is actively involved in the Australasian Society for Ultrasound in Medicine as well as the College of Intensive Care Medicine's Critical Care Ultrasonography Special Interest Group. With a specialist interest in extracorporeal membrane oxygenation (ECMO), mechanical circulatory support, and cardiogenic shock, Dr. McLean is the ECMO Education Lead for the New South Wales Agency for Clinical Innovation.

In addition to his clinical roles, Dr. McLean is a Clinical Senior Lecturer at the University of Sydney and is currently pursuing a PhD focused on the application of POCUS in low-resource settings. This research aims to enhance diagnostic capabilities and outcomes in critical care, particularly in low- and middle-income countries. Through his ongoing work and collaborations, Lewis remains dedicated to strengthening healthcare systems and capacity across the Indo-Pacific region.

Twitter: @drlmac