

MIDDLE EAST HEART CONGRESS

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Sheikh Khalifa Medical City, UAE

Development of ECMO program workshop

Extracorporeal Membrane Oxygenation (ECMO) is an established therapy in the management of patients with refractory cardiogenic shock or acute respiratory failure. The use of Extracorporeal Membrane Oxygenation (ECMO) for severe Acute Respiratory Failure (ARF) is growing rapidly given recent advances in technology, even though there is controversy regarding the evidence justifying its use. Because ECMO is a complex, high-risk, and costly modality, at present it should be conducted in centers with sufficient experience, volume and expertise to ensure it is used safely. We are often faced with institutions trying to determine if it is worth developing a formal ECMO program. Many institutions have been doing ECMO for many years but are now considering formalizing their program and processes. But the expense to do this could be significant. The development of a successful Extracorporeal Membrane Oxygenation (ECMO) program requires an institutional commitment and the multidisciplinary cooperation of trained specialty personnel from nursing, internal medicine, anesthesiology, pulmonology, emergency medicine, critical care, and surgery and often pediatrics as well. The specialized training is necessary to cultivate an integrated team capable of providing life-saving ECMO cannot be underestimated. The development of a successful ECMO program is best suited to a tertiary medical center that is centrally/regionally located and capable of financially supporting the level of expertise required as well as managing the program's overall cost effectiveness.

Biography

Jennifer Maralit has completed her Bachelor's Degree in Nursing from Southern Luzon Polytechnic College. She is certified in Critical Care by American Association of Critical Care Nurses in 2007. She also has the certification for Pediatric ICU and Neonatal ICU by Indiana University in 2009 and 2010, respectively. She has completed her Master's Degree in Nursing from the University of the Philippines in 2016. She had her ECMO Specialist Training Course from Glenfield Hospital in Leicester in 2010, United Kingdom and ECMO training for Cardiohelp in Netherlands in 2013. She is currently working in Sheikh Khalifa Medical City (SKMC) since 2005 as a Charge Nurse Educator and ECMO Coordinator.

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