



2023年

臺灣心臟胸腔暨血管麻醉學會年會暨國際學術研討會

Taiwan Society of Cardiothoracic and Vascular Anesthesia Annual Meeting & International Symposium

TSCVA

全方位心胸麻醉整合照護  
Comprehensive Perioperative Cardiothoracic Anesthesia Integrated Care

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主題：

Evolving Role of Anesthesiologist in the Cardiovascular Care Unit (CCU)

摘要：

The evolving role of anesthesiologists extends beyond the operating room, with advancements in medical devices and complexity of cardiac-related procedures, necessitating the expertise of anesthesiologists in the Cardiovascular Care Unit (CCU) setting.

In the CCU, anesthesiologists provide comprehensive perioperative management, with expertise in cardiovascular physiology allowing optimized patients' hemodynamic status, and management of perioperative complications. Close collaboration with other healthcare professionals, including cardiologists, cardiac surgeons, respiratory therapists, nutritionists, physical therapists, allows multidisciplinary approach to patient care in the CCU, including the introduction and implementation of Enhanced Recovery After Surgery (ERAS) concepts such as pre-operative preparation, intra-operative optimization, and post-operative early mobilization and recovery. Anesthesiologist's insights and perspectives also contributes to the adaptation of PADIS guidelines within the unit, focusing of



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the protocolized evaluation and management of Pain, Agitation and Sedation, Delirium, Immobility and Rehabilitation, and Sleep.

In this talk, I will share my experience of an anesthesiologist's role in the Cathay General Hospital's CCU who has been assigned with peri-operative care for cardiac surgery patients and to provide non-operating room anesthesia for patients receiving invasive cardiac-related procedures, as well as participation in research, education, and quality control circles.

To summarize, the evolving role of anesthesiologists in the CCU encompasses comprehensive perioperative care, management of complications, and contributions to research and education. The multidisciplinary team collaboration framework allows for optimal patient outcomes in this specialized high-risk patient setting.