

Cardiothoracic Intensive Care Medicine - Special Skills Module	
Learning Objectives	SSY Target capability level
Understands the causes and can manage a peri-arrest cardiac surgery patient in the perioperative period as well as being able to manage cardiopulmonary resuscitation and post-resuscitation care in these patients	4
Can initiate and interpret the results of advanced cardiovascular monitoring techniques	3
Is able to provide multi-organ system support and in the context of underlying cardiopulmonary disease	4
Is able to manage the clinical care of non-surgical patients commonly seen in a cardiothoracic intensive care unit including pregnancy associated pathologies, heart and lung transplantation, structural and vascular heart disease and congenital heart disease	3
Manages the care of patients with cardiac disease who have critical illness due to non-cardiac causes	3
Manages the care of the patient following cardiothoracic trauma	3
Understands the principles behind and the functioning of mechanical support devices for the cardiovascular system	3
Is able to treat cardiac dysrhythmias by the use of external and internal pacing devices	4
Is able to provide perioperative care for patients who have undergone cardiac surgical procedures care and can provide perioperative care for patients with cardiothoracic disease undergoing non-cardiac surgical procedures	4
Manages the palliative care of the patient with end stage heart or lung disease	4
Describes the care of the patient prior to and following thoracic solid organ transplantation (heart, lung, heart-lung)	3
Describes the management of common congenital heart conditions in the adult patient	3
Understands ICU risk scoring systems in the context of cardiothoracic ICU practice	4
Is able to contribute to functioning of the multi-disciplinary team to provide optimal clinical and to participate in perioperative planning and clinical governance meetings	4
GPC Domains	Domain 2: Professional skills Domain 5: Capabilities in leadership and team working Domain 6: Capabilities in patient safety and quality improvement
Evidence to inform decision	<ul style="list-style-type: none"> ➤ ACAT ➤ CBD ➤ DOPS ➤ Mini-CEX ➤ MSF ➤ Simulation ➤ Attendance Records