Immediate postoperative period of major thoracic surgery is very critical and require adequate observation for diagnosis and treatment of early lifethreatening complications. These include herniation of the heart through the pericardium follow radical pneumonectomy, massive hemorrhage, blowout of the bronchial stump following pneumonectomy or lobectomy, respiratory insufficiency, Rt sided heart failure, Rt to Lt shunting across a patent foramen ovale, arrhythmias, neural injury, and total spinal anesthesia follow intar thoracic intercostal nerve blocks).