

Annex 5 Post PHEA Complications

Complication	Possible Cause / Signs (not exhaustive)
Ventilated patient – tachycardia	Pain Awareness Shock Anaphylaxis Pneumothorax
Physiological shock / hypotension (Decreased BP, CO2 falling, poor sats trace)	Bleeding / hypovolaemia Pneumothorax Anaphylaxis Response to Drugs administered
Tachyarrhythmia – (Increased HR, BP change)	Pain Awareness Cardiac trauma / primary cardiac issue
Bradycardia	Vagal stimulation Primary Cardiac arrhythmia
Hypertension	Pain Awareness
Desaturation	Incorrect ET placement Incorrect Ventilation Equipment failure including oxygen supply Endobronchial intubation Lung pathology, eg pneumo / haemothorax Overall Physiologically shocked Monitoring fault (by exclusion)