

20.1 Appendix 1 & 3 Patient Data Collection form

Local Reference Number:

Inclusion: ≥65 yrs old, general &/or regional anaesthesia		Exclusion: cardiopulmonary bypass, sedation only, X-ray							
1	Patient	Gender	Female <input type="checkbox"/>		Male <input type="checkbox"/>				
		Age	65-69 <input type="checkbox"/>	70-74 <input type="checkbox"/>	75-79 <input type="checkbox"/>	80-84 <input type="checkbox"/>	85-89 <input type="checkbox"/>		
			90-94 <input type="checkbox"/>	95-99 <input type="checkbox"/>	>100 <input type="checkbox"/>				
		Comorbidities	Cerebrovascular Disease <input type="checkbox"/>		Chronic Kidney Disease <input type="checkbox"/>				
			Diabetes <input type="checkbox"/>	Heart Failure <input type="checkbox"/>		Hypertension <input type="checkbox"/>			
Ischaemic Heart Disease <input type="checkbox"/>	Peripheral Vascular. Disease <input type="checkbox"/>		None <input type="checkbox"/>						
Anti-hypertensive Medications	ACE Inhibitor/ Angiotensin 2 Receptor Antagonist <input type="checkbox"/>		Beta Blocker <input type="checkbox"/>						
		Calcium Channel Blocker <input type="checkbox"/>	Diuretic <input type="checkbox"/>	Other <input type="checkbox"/>					
		Vasodilator infusion e.g. GTN <input type="checkbox"/>		Not taking these medicatons <input type="checkbox"/>					
ASA score		1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	Not recorded <input type="checkbox"/>		
2	Surgery	NCEPOD Urgency	Immediate <input type="checkbox"/>		Urgent <input type="checkbox"/>		Expedited <input type="checkbox"/>	Elective <input type="checkbox"/>	
		Surgical speciality	Cardiac <input type="checkbox"/>		ENT/ Head & Neck <input type="checkbox"/>		General Surgery <input type="checkbox"/>		
			Gynaecology <input type="checkbox"/>		Ophthalmology <input type="checkbox"/>		Orthopaedics <input type="checkbox"/>		
			Other <input type="checkbox"/> (detail.....)		Neurosurgery		Plastics <input type="checkbox"/>	Spinal <input type="checkbox"/>	
		Thoracic <input type="checkbox"/>		Trauma <input type="checkbox"/>		Urology <input type="checkbox"/>	Vascular <input type="checkbox"/>		
		Operative severity	Minor <input type="checkbox"/>		Intermediate <input type="checkbox"/>		Major <input type="checkbox"/>		Major + <input type="checkbox"/>
Cancer surgery	Yes <input type="checkbox"/>		No <input type="checkbox"/>						
Procedure		Surgeon might request hypotension? Yes <input type="checkbox"/>					No <input type="checkbox"/> e.g. middle ear surgery etc		
3	Anaesthesia	Seniority	Consultant <input type="checkbox"/>	SAS <input type="checkbox"/>	ST5-7 <input type="checkbox"/>	ST3-4 <input type="checkbox"/>	CT 1-2 <input type="checkbox"/>	PA(A) <input type="checkbox"/>	
		Number	NB. This is not being collected to identify individuals, instead to identify how many anaesthetists practice the data represents.						
		Induction	Intravenous <input type="checkbox"/>			Inhalational <input type="checkbox"/>			
		Maintenance	Intravenous <input type="checkbox"/>			Inhalational <input type="checkbox"/>			
		Regional block	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Upper limb <input type="checkbox"/>	Lower limb <input type="checkbox"/>	Trunk <input type="checkbox"/>		
		Plexus <input type="checkbox"/>		Single nerve <input type="checkbox"/>	Field block <input type="checkbox"/>				
		Neuraxial: Spinal <input type="checkbox"/>		Epidural <input type="checkbox"/>	CSE <input type="checkbox"/>				
4	Blood Pressure	Data source	Paper anaesthetic chart <input type="checkbox"/>			Electronic record print out/ monitor <input type="checkbox"/>			
		Intra-operative monitoring	Non-invasive <input type="checkbox"/>		Invasive <input type="checkbox"/>				
		Pre-operative BP Source	Systolic (mmHg).....		Diastolic (mmHg)				
				Pre-op clinic <input type="checkbox"/>	Referral/ GP letter <input type="checkbox"/>	Patient notes/ obs chart <input type="checkbox"/>	Pt reported <input type="checkbox"/>		
		Pre-induction BP	Systolic (mmHg)		Diastolic (mmHg)		Not recorded <input type="checkbox"/>		
		Lowest intra-op BP & duration	Systolic (mmHg)		Diastolic (mmHg)		Durationmins		
		Hypotension Timing	First 30mins after induction <input type="checkbox"/>		Middle <input type="checkbox"/>		Last 30mins of op <input type="checkbox"/>		
		Duration of systolic hypotension	20.0 – 40.0% of pre-induction value		 mins			
		>40.1% of pre-induction value		 mins				
Duration of surgery	 mins (time in mins from first to last recording on anaesthetic chart)							
5	Vasopressor use	On vasopressor infusion pre-op?	Yes <input type="checkbox"/>		No <input type="checkbox"/>		Number of agents:		
		Vasopressor total dose used intraoperatively	Metaraminol		Phenylephrine		Ephedrine		
			Adrenaline		Noradrenaline		Other		
		Vasopressors given as infusion intra-op?	Drug:			Min. ratemls/hr		Max. ratemls/hr	
				Duration of infusion:			Continued in recovery? Yes <input type="checkbox"/>		
BP value immediately preceding vasopressor use			Episode	1	2	3	4	5	
			SBP						
			DBP						
6	How many surgical procedures took place on the day of data collection? Total: >65 years old.....								

30 Day Outcome data

Mortality	Alive <input type="checkbox"/>	Dead <input type="checkbox"/>
	If died, number of days between surgery and death: (day of surgery = day 0)	
Renal injury	Pre-operative creatinine value closest to surgery ($\mu\text{mol/L}$)	<input type="text"/>
	Highest post-op creatinine value within 7 days of surgery ($\mu\text{mol/L}$)	<input type="text"/>
Myocardial injury	Rise in cardiac enzyme concentration within 7 days of surgery that is above the reference range for your trust?	<input type="text" value="Yes"/>
		<input type="text" value="No"/>
	No cardiac enzyme test performed (tick if applies).	<input type="text"/>
Stroke	CT reported ischaemic stroke within 7 days of surgery	<input type="text" value="Yes"/>
		<input type="text" value="No"/>
	No CT brain performed (tick if applies).	<input type="text"/>