

Appendix 5

Study Flowchart

	STUDY PERIOD		
	Enrolment	Intervention	Day 30 Follow up
	Visit*	1	2
ENROLMENT:			
Eligibility screen	X		
Informed consent**	X		
ASSESSMENTS:			
Patients` demographics and medical history (age, gender, weight, height, smoking status, alcohol consumption, American Society of Anaesthesiologists (ASA) physical status)	X		
Functional status of independency	X		X***
Medication	X		
Medical history	X		
Frailty (Mini cog, timed up & go test, history of falls, weight loss)	X		
Laboratory values, only if routinely done (Haematocrit, haemoglobin, creatinine, albumin)	X		
Referring facility, inpatient or outpatient procedure	X		
Anaesthesia related data (Premedication, drugs, type, duration, monitoring, intra-interventional transfusion of packed red blood cells, fresh frozen plasmas and platelets, extubation)		X	
Intervention related data (Kind, severity, urgency, wound class (clean, clean-contaminated, contaminated, dirty), surgical procedure category, WHO safe surgery checklist)		X	

Post-interventional admission (unit with "geriatric support" or ICU)		X	
Mortality			X
Postoperative serious events (cardiac or pulmonary complications, acute stroke, or acute kidney injury)			X
In-hospital outcome according to the NSQIP criteria			X
Hospital length of stay			X
ICU length of stay			X
Rate of in-hospital cardiopulmonary resuscitation			X
Brief screen for cognitive impairment (one item of the BSCI: recall of three words)			X***
Unplanned ICU admission			X
Unplanned intubation after intervention			X
Post-interventional admission (unit with a geriatric care model) at any time-point until day 30			X
Hospital discharge destination			X

ASA, American Society of Anaesthesiologists physical status; BSCI, brief screen for cognitive impairment; ICU, intensive care unit; NSQIP, National Surgical Quality Improvement Program

*Visit 1: Pre-interventional screening and baseline visit, Visit 2: Intervention, Visit 3: 30th post-interventional day (data obtained from medical record review and telephone interview, if the patient was already discharged before day 30)

** Depending on the national law/ ethical approval of the respective hospital

*** Either visit on ward (if still in hospital) or via telephone interview (if patient was already discharged before day 30)