

## Appendix 5

### Study Flowchart

Visit*	STUDY PERIOD		
	Enrolment	Intervention	Day 30 Follow up
	1	2	3
<b>ENROLMENT:</b>			
Eligibility screen	X		
Informed consent**	X		
<b>ASSESSMENTS:</b>			
<b>Patients` demographics and medical history</b> (age, gender, weight, height, smoking status, alcohol consumption, American Society of Anaesthesiologists (ASA) physical status)	X		
<b>Functional status of independency</b>	X		X***
<b>Medication</b>	X		
<b>Medical history</b>	X		
<b>Frailty</b> (Mini cog, timed up & go test, history of falls, weight loss)	X		
<b>Laboratory values, only if routinely done</b> (Haematocrit, haemoglobin, creatinine, albumin)	X		
<b>Referring facility, inpatient or outpatient procedure</b>	X		
<b>Anaesthesia related data</b> (Premedication, drugs, type, duration, monitoring, intra-interventional transfusion of packed red blood cells, fresh frozen plasmas and platelets, extubation)		X	
<b>Intervention related data</b> (Kind, severity, urgency, wound class (clean, clean-contaminated, contaminated, dirty), surgical procedure category, WHO safe surgery checklist)		X	

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