

### EuPreCHO Appendix 05 - List of procedural risk for common procedures<sup>[1]</sup>

Discipline	Low risk procedure	Intermediate Risk Procedures	High risk procedures
Vascular	asymptomatic Carotid	Carotid symptomatic (CEA or CAS)	OPEN abdominal aortic aneurysm repair
	Hemodialysis access procedure	Endovascular abdominal aortic aneurysm repair	OPEN Major vascular surgery (suprainguinal)
		Endovascular infrainguinal Vascular reconstruction	OPEN lower limb revascularisation
		Peripheral arterial angioplasty	Embolectomy/Thrombectomy
		Renal transplant	Amputation
Abdominal	Rectal/ anal surgery	Hiatal hernia repair	Exploratory laparotomy
	Hernia	OPEN Nissen fundoplasty	Repair of perforated bowel
	Laparoscopic hernia	Splenectomy	Gastric surgery
	Laparoscopic cholecystectomy	Laparoscopic splenectomy	Enterostomy
	Laparoscopic appendectomy	Laparoscopic colectomy or small bowel resection	Colectomy
	Appendectomy	Repair of enteric fistula	Small bowel resection
	Laparoscopic fundoplication	OPEN Cholecystectomy	Bile duct surgery
	Laparoscopic gastric bypass	Laparoscopic liver procedure	Liver resection
	Gastric bypass		Duodeno-pancreatic surgery
	Laparoscopic procedure, stomach		Pancreatic resection
	Laparoscopic adrenal		OPEN Adrenal resection
			Liver or Pancreas transplantation
Head and neck surgery	Thyroid, Parathyroid	Neck dissection	–
Neurological or orthopaedic	Arthroscopy, Laminectomy, total knee replacement	Hip and spine surgery	–

Intra-thoracic			Pneumonectomy
		All other procedures except those listed as high risk	Esophagectomy
			Lung transplantation
Urological	transurethral resection of the prostate	All other procedures not listed as low or high risk	OPEN Adrenal resection
	minor, e.g. other transurethral		Total cystectomy
Gynecological	Breast surgery, hysterectomy (including open for benign pathologies), Ovary - salpingectomy, curettage	Oncological or resection of several organs	
Other	Lymph node, vein ligation, soft tissue excision	–	–
	Eye, dental		
	Reconstructive		

1. De Hert, S., et al., *Pre-operative evaluation of adults undergoing elective noncardiac surgery: Updated guideline from the European Society of Anaesthesiology*. Eur J Anaesthesiol, 2018. **35**(6): p. 407-465.