

## Appendix 1

Supplemental Table S1: World Health Organization's International Classification of Diseases 10<sup>th</sup> Revision\*  
procedure codes and definitions used to identify this study population

<b>ICD Code</b>	<b>Definition</b>
1NK87	Excision partial, small intestine
1NM87	Excision partial, large intestine
1NM89	Excision total, large intestine
1NM91	Excision radical, large intestine
1NQ87	Excision partial, rectum
1NQ89	Excision total, rectum
1NT87	Excision partial, anus
1NM82	Reattachment, large intestine
1NK82	Reattachment, small intestine
1NM77	Bypass with exteriorization, large intestine
1NK77	Bypass with exteriorization, small intestine
1NK80	Repair, small intestine

\* <https://icd.who.int/browse10/2010/en>

**Supplemental Table S2: List of complications considered in this study (based on World Health Organization’s International Classification of Diseases 10<sup>th</sup> Revision\*)**

<b>Cardiovascular</b>	
Abnormal findings on diagnostic imaging of heart and coronary circulation	Congestive heart failure
Acute subendocardial myocardial infarction	Other and unspecified abnormal results of cardiovascular function studies
Acute vascular disorders of intestine	Other forms of acute ischaemic heart disease
Atrial fibrillation, unspecified	Other specified complications of cardiac and vascular prosthetic devices, impl
Atrial flutter, unspecified	Paroxysmal atrial fibrillation
Atrioventricular block, second degree	Phlebitis and thrombophlebitis of other deep vessels of lower extremities
Bradycardia, unspecified	Pulmonary embolism without mention of acute cor pulmonale
Cardiac arrest with successful resuscitation	Tachycardia, unspecified
Cardiac arrest, unspecified	Vascular complications following a procedure, not elsewhere classified
Cerebral infarction, unspecified	Ventricular tachycardia
<b>Delirium/psychiatric</b>	
Anxiety disorder, unspecified	Mental and behavioural disorders due to use of alcohol, harmful use
Delirium not superimposed on dementia, so described	Other delirium
Delirium, unspecified	Restlessness and agitation
Depressive episode, unspecified	Transient alteration of awareness
Disorientation, unspecified	
<b>Infection</b>	
Acute peritonitis	Lobar pneumonia, unspecified
Bacterial infection, unspecified	Pneumonia, unspecified
Bloodstream infection and inflammatory reaction due to central venous catheter	Resistance to methicillin
Candidiasis of vulva and vagina	Sepsis due to other Gram-negative organisms
Cutaneous abscess, furuncle and carbuncle, unspecified	Sepsis due to <i>Staphylococcus aureus</i>
Enterocolitis due to <i>Clostridium difficile</i>	Sepsis, unspecified

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Infection and inflammatory reaction due to other and unspecified cardiac and v	Septic shock
Infection and inflammatory reaction due to other internal prosthetic devices,	Systemic inflammatory response syndrome of infectious origin with acute organ
Infection following a procedure, not elsewhere classified	Urinary tract infection, site not specified
<b>Nephrology</b>	
Acidosis	Hypo-osmolality and hyponatraemia
Acute renal failure, unspecified	Hypotension, unspecified
Alkalosis	Orthostatic hypotension
Dehydration	Other and unspecified hematuria
Elevated blood-pressure reading, without diagnosis of hypertension	Other and unspecified polyuria
Hyperglycaemia, unspecified	Other disorders of electrolyte and fluid balance, not elsewhere classified
Hyperkalaemia	Other volume depletion
Hyperosmolality and hypernatraemia	Postprocedural renal failure
Hypokalaemia	
<b>Respiratory</b>	
Acute pulmonary insufficiency following nonthoracic surgery	Other specified respiratory disorders
Acute respiratory failure, type unspecified	Pleural effusion, not elsewhere classified
Adult respiratory distress syndrome	Pneumonitis due to food and vomit
Asphyxia, unspecified	Postprocedural pneumothorax
Atelectasis	Pulmonary oedema
Bronchopneumonia, unspecified	Pyothorax without fistula
Cough	Respiratory failure, unspecified, type I [hypoxic]
Dyspnoea	Respiratory failure, unspecified, type II [hypercapnic]
Foreign body in respiratory tract, part unspecified	Stridor
Haemoptysis	Transfusion related acute lung injury (TRALI)
<b>Surgical</b>	
Accidental puncture and laceration during a procedure, not elsewhere classifye	Other complications of anaesthesia
Anal fistula	Perforation of intestine (nontraumatic)
Disruption of operation wound, not elsewhere classified	Peritoneal adhesions
Enterostomy malfunction, not elsewhere classified	Persistent postoperative fistula

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Fistula of intestine	Postoperative intestinal obstruction
Haemoperitoneum	Postoperative leak
Haemorrhage of anus and rectum	Postprocedural pelvic peritoneal adhesions
Laceration of colon without open wound into cavity	Unilateral or unspecified inguinal hernia, without obstruction or gangrene
Laceration of small intestine, excluding duodenum with open wound into cavity	Unspecified abdominal hernia with obstruction, without gangrene
Malfunction of colostomy stoma, not elsewhere classified	
<b>Other</b>	
Abnormal levels of other serum enzymes	Melaena
Acute and subacute hepatic failure	Nausea alone
Acute pain	Nausea with vomiting
Acute posthaemorrhagic anaemia	Neutropenia
Anaemia, unspecified	Other and unspecified abdominal pain
Anaphylactic shock, unspecified	Other and unspecified disturbances of skin sensation
Ascites	Other and unspecified dysphagia
Chest pain, unspecified	Other and unspecified intestinal obstruction
Chronic cholecystitis	Other and unspecified skin changes
Constipation	Other complications following infusion, transfusion and therapeutic injection
Disorders of magnesium metabolism	Other complications of internal prosthetic devices, implants and grafts, not e
Dizziness and giddiness	Other complications of procedures, not elsewhere classified
Duodenal ulcer, acute with haemorrhage	Other pruritus
Duodenal ulcer, chronic or unspecified with both haemorrhage and perforation	Other specified abnormal findings of blood chemistry
Dysuria	Other specified anaemias
Fever, unspecified	Other specified aplastic anaemias
Finding of other specified substances, not normally found in blood	Other specified dermatitis
Flatulence and related conditions	Other specified disorders of male genital organs
Fluid overload	Other specified disorders of muscle, multiple sites
Gastroenteritis and colitis of unspecified origin	Other specified disorders of penis
Gastrointestinal haemorrhage, unspecified	Other specified disorders of white blood cells
Generalized oedema	Other specified general symptoms and signs

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Generalized skin eruption due to drugs and medicaments	Painful micturition, unspecified
Haematemesis	Paralysis of vocal cords and larynx, unilateral
Haemorrhage and haematoma complicating a procedure, not elsewhere classified	Paralytic ileus
Hepatic failure, unspecified	Projectile vomiting
Ileus, unspecified	Pyoderma gangrenosum
Iron deficiency anaemia secondary to blood loss (chronic)	Retention of urine
Iron deficiency anaemia, unspecified	Secondary thrombocytopenia
Localized oedema	Seizure disorder, so described
Malaise and fatigue	Syncope and collapse
Mechanical complication of other specified internal prosthetic devices, implan	Unspecified urinary incontinence
Mechanical complication of urinary (indwelling) catheter	Vomiting alone

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