

Coding Book for areas of concern or for consideration (ACONs)



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ACON	Group	Description	Area of problem
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**Presentation**

A0101		Delay in referral by GP	Delay
A0102		Delay in referral by non surgical hospital speciality	Delay
A0103		Delay in referral by other surgical hospital speciality	Delay
A0104		Delay in transfer from another hospital	Delay
A0105		Delay in transfer within hospital	Delay
A0106		Problems during transfer	Commission
A0107		Transfer should not have occurred	Commission

**Diagnosis**

A0201		Communication failure with investigations	Communication
A0202		Delay in CT/MRI service	Delay
A0203		Delay in diagnosis, surgical team	Delay
A0204		Delay in plain radiology service	Delay
A0205		Delay in requesting CT/MRI	Delay
A0206		Delay in requesting plain radiology	Delay
A0207		Failure to act on investigation result	Omission
A0208		Failure to act on laboratory test results	Omission
A0209		Inadequate history taking	Omission
A0210		Inadequate laboratory Resource	Resource
A0211		Inadequate laboratory tests ordered	Omission
A0212		Inadequate physical examination	Omission
A0213		Inadequate radiology Resource	Resource
A0214		Investigation result lost, misplaced or not seen	Communication
A0215		Missed diagnosis, audited team	Omission
A0216		Missed diagnosis, another team	Omission
A0217		Radiology reporting error	Omission

**Resuscitation**

A0301		Excessive fluid resuscitation	Commission
A0302		Inadequate electrolyte correction	Omission
A0303		Inadequate fluid resuscitation	Omission
A0304		Inadequate resuscitation, operation should have been delayed	Commission
A0305		Prolonged resuscitation, operation should have been sooner	Delay

**Preparation**

A0401		Adverse effect of bowel preparation	Commission
A0402		Documentation error during preparation	Communication
A0403		Lack of bowel preparation	Omission

ACON	Group	Description	Area of problem
	<b>Operative</b>		
A0501		Anastomotic leak	Omission
A0502		Better to have performed laparoscopic procedure	Commission
A0503		Better to have performed more extensive surgery	Omission
A0504		Better to have performed more limited surgery	Commission
A0505		Biliary leak caused by surgery	Commission
A0506		Cerebral damage related to surgical or endovascular procedure	Commission
A0507		Cerebral haemorrhage related to surgical or endovascular procedure	Commission
A0508		Cerebral infarction related to surgical or endovascular procedure	Commission
A0509		Choice of surgical technique inadvisable	Commission
A0510		Consultant should have been present	Omission
A0511		Delay to operation, lack of anaesthetist	Delay
A0512		Delay to operation, lack of theatre space	Delay
A0513		Delay to surgery, diagnostic problems	Delay
A0514		Delay to surgery, error of surgical team	Delay
A0515		Delay to surgery, lack of coordination of care	Delay
A0516		Delay to surgery, unspecified	Delay
A0517		Dislocated joint prosthesis	Commission
A0518		Failure of fracture manipulation	Commission
A0519		Failure of internal fixation of fracture	Commission
A0520		Fistula as complication of surgery	Commission
A0521		Inadequate haemostasis, equipment failure	Omission
A0522		Inadequate haemostasis, operator error	Omission
A0523		Inadequate suturing, equipment failure	Omission
A0524		Inadequate suturing, operator error	Omission
A0525		In retrospect, operation should not have been done	Commission
A0526		Ischaemia of flap, operative error	Commission
A0527		Ischaemic gut attributed to surgery	Commission
A0528		Ischaemic limb attributed to surgery	Commission
A0529		Laparoscopic technique inadvisable	Commission
A0530		Laparoscopic technique, equipment failure	Resource
A0531		Operation should have been done	Omission
A0532		Perforation of oesophagus during surgery	Commission
A0533		Perforation of viscus during surgery	Commission
A0534		Pneumothorax caused by procedure	Commission
A0535		Spinal cord damage during surgery	Commission
A0536		Splenic injury caused by surgery	Commission
A0537		Surgeon too junior	Commission
A0538		Technical error during surgery	Commission
A0539		TURP syndrome	Commission
A0540		Ureteric injury	Commission
A0541		Wrong operation performed	Commission

ACON	Group	Description	Area of problem
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<b>Endoscopy</b>			
A0601		Delay to endoscopy	Delay
A0602		Endoscopy delayed definitive surgery	Delay
A0603		Failure to control bleeding by endoscopy	Omission
A0604		Perforation of oesophagus during endoscopy	Commission
A0605		Perforation of viscus during endoscopy	Commission
A0606		Should have had endoscopic procedure	Omission

<b>Anaesthesia</b>			
A0701		Airway problem during anaesthesia	Omission
A0702		Airway problem during sedation	Omission
A0703		Anaemia, inadequate treatment	Omission
A0704		Anaesthetic drug error	Commission
A0705		Anaesthetist too junior	Omission
A0706		Anaphylaxis, inadequate treatment	Omission
A0707		Arrhythmia, inadequate treatment	Omission
A0708		Aspiration during general anaesthesia	Omission
A0709		Aspiration during sedation	Omission
A0710		Awareness during general anaesthesia	Omission
A0711		Complication of invasive lines	Commission
A0712		Endotracheal intubation problem	Commission
A0713		Equipment failure during anaesthesia	Resource
A0714		Excessive use of muscle relaxants	Commission
A0715		Excessive use of sedation	Commission
A0716		Extubated too early	Commission
A0717		Hypotension during general anaesthesia	Omission
A0718		Hypotension during regional anaesthesia	Omission
A0719		Hypothermia, inadequate treatment	Omission
A0720		Inadequate monitoring during anaesthetic, anaesthetist error	Omission
A0721		Inadequate monitoring during anaesthetic, lack of equipment	Resource
A0722		Inadequate pre-operative anaesthetic assessment	Omission
A0723		Inadequate pre operative preparation	Omission
A0724		Lack of invasive monitoring	Omission
A0725		Respiratory failure, post op ventilation should have been planned	Omission
A0726		Technical error during regional anaesthetic	Commission
A0727		Technical error during general anaesthesia	Commission

ACON	Group	Description	Area of problem
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***Bleeding/Blood***

A0801		Delay in operation to stop haemorrhage	Delay
A0802		Delay in recognising haemorrhage	Delay
A0803		Delay to transfuse blood clotting products	Delay
A0804		Delay to transfuse red cells	Delay
A0805		Error in transfusion process	Omission
A0806		Excessive anticoagulation	Commission
A0807		Excessive use of blood products	Commission
A0808		Failure of haemostasis due to coagulopathy	Omission
A0809		Failure to transfuse red cells	Omission
A0810		Failure to use DVT prophylaxis	Omission
A0811		Inadequate anticoagulation	Omission
A0812		Inadequate supply of blood clotting products	Resource
A0813		Inadequate supply of red cells	Resource
A0814		Post operative haemorrhage	Omission

***Post operative care***

A0901		Delay in recognising anastomotic leak	Delay
A0902		Delay in recognising complications	Delay
A0903		Fluid overload post operatively	Commission
A0904		Inadequate post operative monitoring	Omission
A0905		Poor quality fluid balance post operatively	Omission
A0906		Poor quality of general post operative care	Omission
A0907		Wound dehiscence	Omission

***Critical care***

A1001		Airway problem in Critical Care	Commission
A1002		Clinical management error in Critical Care	Commission
A1003		Communication failure in Critical Care	Communication
A1004		Critical incident in Critical Care	Commission
A1005		Diagnostic error in Critical Care	Commission
A1101		Failure to follow guidelines in Critical Care	Commission
A1102		Failure/delay to utilise HDU	Omission
A1103		Failure/delay to utilise ICU	Omission
A1104		Inappropriate withdrawal of therapy in Critical Care	Commission
A1105		Invasive line complication	Commission
A1106		No HDU bed available at time of need	Resource
A1107		No HDU in hospital	Resource
A1108		No ICU bed available at time of need	Resource
A1109		No ICU in hospital	Resource
A1110		Premature discharge from Critical Care	Commission
A1111		Tracheostomy problem in Critical Care	Commission

ACON	Group	Description	Area of problem
<b>Infection</b>			
A1201		Catheter related sepsis	Commission
A1202		Clostridium difficile infection	Commission
A1203		Hospital acquired pneumonia	Commission
A1204		Infection, hospital acquired, other	Commission
A1205		MRSA infection	Commission
A1206		Nosocomial pneumonia	Commission
A1207		Surgical site infection	Commission
<b>Nutrition</b>			
A1301		Enteral nutrition complication	Commission
A1302		Failure/delay to ensure adequate enteral nutrition	Omission
A1303		Failure/delay to give parenteral nutrition	Omission
A1304		Parenteral nutrition complication	Commission
A1305		Lack of nutrition during hospital stay	Omission
<b>Drugs</b>			
A1401		Delay starting antibiotics	Delay
A1402		Delay starting drug	Delay
A1403		Drug error	Commission
A1404		Drug inadequate dose	Commission
A1405		Drug interaction	Commission
A1406		Drug overdose	Commission
A1407		Drug related, other	Commission
A1408		Inappropriate use of drug	Commission
<b>Miscellaneous</b>			
A1501		Communication failure between staff	Communication
A1502		Communication failure between teams	Communication
A1503		Communication failure with patient/relatives	Communication
A1504		Failure to use adjuvant therapy	Omission
A1505		Failure to use radiotherapy	Omission
A1506		Failure to use specialist Centre	Omission
A1507		Fall/injury while under hospital care	Omission
A1508		Pressure sores	Omission

ACON	Group	Description	Area of problem
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<b>Cardiovascular</b>			
C0101		Arrhythmia	Clinical Event
C0102		Cardiac arrest	Clinical Event
C0103		Cardiac tamponade	Clinical event
C0104		Cardiogenic shock	Clinical event
C0105		Cardiovascular, other	Clinical event
C0106		Embolism, systemic	Clinical event
C0107		Endocarditis	Clinical event
C0108		Hypovolaemic shock	Clinical event
C0109		Ischaemia, peripheral limb	Clinical event
C0110		Left ventricular failure	Clinical event
C0111		Myocardial infarction	Clinical event
C0112		Neurogenic pulmonary oedema	Clinical event
C0113		Pulmonary embolism	Clinical event
C0114		Septic shock	Clinical event
C0115		Venous thromboembolism	Clinical event

<b>Respiratory</b>			
C0201		Acute pulmonary oedema	Clinical event
C0202		Acute respiratory distress syndrome	Clinical event
C0203		Acute upper airway obstruction	Clinical event
C0204		Aspiration pneumonia	Clinical event
C0205		Community acquired pneumonia	Clinical event
C0206		Fat embolism	Clinical event
C0207		Hospital acquired pneumonia	Clinical event
C0208		Pneumothorax	Clinical event
C0209		Post operative pneumonia	Clinical event
C0210		Respiratory, other	Clinical event

<b>Gastrointestinal</b>			
C0301		Abdominal compartment syndrome	Clinical event
C0302		Biliary obstruction	Clinical event
C0303		Biliary sepsis	Clinical event
C0304		Bleeding ulcer	Clinical event
C0305		Bowel obstruction	Clinical event
C0306		Gastrointestinal, other	Clinical event
C0307		Hepatic failure	Clinical event
C0308		Ileus, post-operative	Clinical event
C0309		Ischaemia, mesenteric	Clinical event
C0310		Pancreatitis	Clinical event
C0311		Perforated ulcer	Clinical event
C0312		Perforated viscus	Clinical event
C0313		Peritonitis	Clinical event

<b>Renal</b>			
C0401		Acute renal failure	Clinical event
C0402		Renal, other	Clinical event
C0403		Urinary tract obstruction	Clinical event
C0404		Urinary tract sepsis	Clinical Event

ACON	Group	Description	Area of problem
<b>Neurological</b>			
C0501		Cerebral oedema	Clinical event
C0502		CNS infection	Clinical event
C0503		Coma	Clinical event
C0504		Hypoxic brain injury	Clinical event
C0505		Intracranial haemorrhage	Clinical event
C0506		Neurological, other	Clinical event
C0507		Peripheral neurological failure	Clinical event
C0508		Seizures	Clinical event
C0509		Spinal cord lesion	Clinical event
C0510		Stroke	Clinical event
<b>Metabolic</b>			
C0601		Acid base disturbance	Clinical event
C0602		Endocrine disturbance	Clinical event
C0603		Hyperglycaemia	Clinical event
C0604		Hypoglycaemia	Clinical event
C0605		Major electrolyte disturbance	Clinical event
C0606		Metabolic, other	Clinical event
<b>General</b>			
C0701		Complaint from patient/relatives	Clinical event
C0702		Drug reaction, unexpected	Clinical event
C0703		General, other	Clinical event
C0704		Patient/relatives refused treatment	Clinical event
C0705		Reaction to blood products, not error related	Clinical event
C0706		Transfusion related lung injury	Clinical event
C0707		Wound infection	Clinical event