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# ICD-10-AM/ACHI/ACS - Eighth edition overview

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# ICD-10-AM/ACHI/ACS - Eighth edition overview

## **Abstract**

Powerpoint presentation presented at HIMAA 2012 National Conference, Gold Coast, Qld.

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# ICD-10-AM/ACHI/ACS – Eighth Edition Overview

*HIMAA Conference – October 2012*

*Anne Elsworthy, ICD Coordinator, NCCC*



# *~ Classification Changes ~*

*Implementation: 01/07/2013*

## ICD-10-AM/ACHI/ACS Classification Eighth Edition:

<b>ICD-10-AM</b>	<b>New</b>	<b>Deleted</b>	<b>Amended</b>
Disease Codes	88	24	67
Australian disease codes	29	8	20
Morphology	427	12	123
Australian morphology codes	376	3	74

## ICD-10-AM/ACHI/ACS Classification Eighth Edition:

	<b>New</b>	<b>Deleted</b>	<b>Amended</b>
<b>ACHI</b>			
- ACHI codes	102	24	24
- Blocks	2	-	5
<b>ACS</b>	2	20	35



***~ ICD-10-AM ~***



### Major changes:

- Dagger and asterisk convention (WHO URC 2008)
- Diabetes mellitus and intermediate hyperglycaemia (*implemented 1 July 2012*)
- Morphology codes
  - ICD-O-3 updates
  - Codes added to Appendix A to reflect known (reported) behavioural changes (*Australasian Association of Cancer Registries*)





### Major changes (*continued*):

- Neonatal
  - Cerebral leukomalacia
  - Hypoxic ischaemic encephalopathy (HIE)
  - Periventricular haemorrhage
- Sunburn
- Tumour of uncertain/unknown behaviour of pancreas
- Viral hepatitis
- WHO ICD-10 Updates



Major changes (*continued*):

### WHO ICD-10 Updates

Expansion of :

- I48 – Atrial fibrillation and flutter
- J96 – Respiratory failure, not elsewhere classified
- R95 – Sudden infant death syndrome
- Z06 – Resistance to antimicrobial drugs



Major changes (*continued*):

## WHO ICD-10 Updates

### Haemorrhoids

Deletion of category:

- I84 – Haemorrhoids

Creation of category:

- K64 – Haemorrhoids and perianal venous thrombosis



Major changes (*continued*):

## WHO ICD-10 Updates

Creation of new codes for haemorrhoids:

- K64.0 First degree haemorrhoids
- K64.1 Second degree haemorrhoids
- K64.2 Third degree haemorrhoids
- K64.3 Fourth degree haemorrhoids
- K64.4 Residual haemorrhoidal skin tags
- K64.5 Perianal venous thrombosis
- K64.8 Other specified haemorrhoids
- K64.9 Haemorrhoids, unspecified



Major changes (*continued*):

## WHO ICD-10 Updates

### Other new codes:

I72.6 Aneurysm and dissection of vertebral artery

K02.5 Caries with pulp exposure

K43.2 Incisional hernia without obstruction or gangrene

K43.3 Parastomal hernia with obstruction, without gangrene

K43.4 Parastomal hernia with gangrene

K43.5 Parastomal hernia without obstruction or gangrene

K43.6 Other and unspecified ventral hernia with obstruction, without gangrene

K43.7 Other and unspecified ventral hernia with gangrene

U06.- Emergency use of U06.-

U07.- Emergency use of U07.-

W17.5 Fall from mobile elevated work platform [MEWP]



### New Terminology – WHO ICD-10 Updates:

- Acute non-viral hepatitis
- Coronary slow flow syndrome
- Immune reconstitution inflammatory syndrome [IRIS]
- Influenza due to certain identified influenza virus
- Kimura disease
- Malignant immunoproliferative diseases
- Overactive bladder

## Change of classification for:

- Acute appendicitis with peritonitis
- Angiocentric immunoproliferative lesion
- Coccygeal body or glomus neoplasm
- Cystic fibrosis
- Eyeball/intraocular neoplasm
- Dermatitis gangrenosa
- Pre-eclampsia and pre-eclampsia superimposed on chronic hypertension
- Reticular erythematous mucinosis





### Change of classification for:

- Functional dyspepsia
- Klatskin tumour
- Lupoid hepatitis (K75.4)
- Mediterranean fever (A23.9)
- Obstetric laceration of mid or upper third of vaginal wall
- Poisoning by helium, nonmedicinal
- Progressive supranuclear palsy (G23.1)





Minor changes:

### ICD Public Submissions

- ACS 0803 *Admission for removal of Grommets* cross reference
- Anhedonia
- Choroid plexus carcinoma
- Dependence on respirator
- Detrusor sphincter dyssynergia
- Donation of haematopoietic progenitor stem cells
- Duration of pregnancy



Minor changes:

### ICD Public Submissions (continued)

- *Enterococcus*
- Ear tag
- External cause for cut by object
- Major depressive disorder
- Molar pregnancy
- *Morganella morganii*
- Mucous colitis



Minor changes:

### **ICD Public Submissions (continued)**

- Musculoskeletal chest pain
- Nephritis complicating pregnancy
- Non-small cell lung carcinoma
- Ogilvie syndrome
- Pneumonia due to gram negative bacteria
- Pruritis in pregnancy
- Quadrant anopia



### Minor changes:

#### Queries

- Bile reflux
- Bladder neck obstruction (ACS 1420 deletion)
- Blue rubber bleb naevus syndrome
- Cellulitis
- Charcot's arthropathy
- Escitalopram oxalate
- Food poisoning and gastroenteritis due to food poisoning



### Minor changes:

#### Queries (continued)

- Haglund's deformity
- Healthcare associated *Staphylococcus aureus* bacteraemia (SAB)
- Idiopathic infantile arterial calcification (IIAC)
- Immune reconstitution syndrome
- Lymphoid/lymphomatoid granulomatosis
- Neonatal jaundice



### Minor changes:

#### Queries (continued)

- Neoplasm index table, point 4
- Osteophyte facet joint
- Sequestration intervertebral disc
- Succinic semialdehyde dehydrogenase (SSADH) deficiency
- Telangiectatic focal nodular hyperplasia of liver
- Thickened endometrium



### Minor changes:

#### **ACS deletion**

- Dialysis amyloid (ACS 1426)
- Noncompliance with treatment (ACS 0517)
- Panic attacks with phobia (ACS 0511)



### Minor changes:

#### WHO updates

- Cat eye syndrome
- Cervical intraepithelial lesion (ICD-O-3 update)
- Contact, with, machinery
- Diarrhoea due to *Clostridium difficile*
- Drug induced gastroenteritis and colitis
- Fall, from, stationary machinery





Minor changes:

### **WHO updates (continued)**

- Hepatogenous diabetes
- Hydrocele
- Infection due to internal joint prosthesis
- Infection of skin
- March fracture
- Monoclonal macroglobulinaemia



Minor changes:

### **WHO updates (continued)**

- Nasoalveolar/nasolabial cyst
- Neoplasm of urethrovaginal septum
- Obesity hypoventilation syndrome
- Rasmussen encephalitis or syndrome
- Schuller-Christian disease or syndrome
- Telangiectasia



### Minor changes:

#### Other

- Dissociative versus dissociate disorders
- Phaeochromocytoma versus pheochromocytoma
- Posthaemorrhagic hydrocephalus (neonatal)
- S56.0 & S56.1 (code title discrepancy – ‘long’)
- Trisomy syndrome



*~ ACHI ~*



## Major changes:

- Aspiration thrombectomy of the coronary artery
- CT scan of coronary arteries
- Dental services
- Flexible bronchoscopy with broncho-alveolar lavage
- Insertion of fiducial markers into prostate
- MRI-guided focussed ultrasound (MRgFUS)
- Necklift



## Major changes (*continued*):

- Overnight oximetry
- Percutaneous heart valve replacement
- Sacral nerve stimulation
- Sentinel lymph node biopsy
- Single event multilevel surgery (SEMLS)
- Transcatheter thrombectomy of intracranial arteries



## Major changes (*continued*):

- Endoluminal fundoplication (ELF)
- Ileocolic resection
- Irreversible electroporation (IRE)
- Laparoscopic colectomy
- Laparoscopic procedures proceeding to open surgery
- Peritonectomy/cytoreduction surgery
- Procedures for obesity (bariatric surgery)



## Major changes:

### Neonatal

- Administration of nitric oxide (neonates)
- Combined ventilatory support (neonates)
- Neonatal High Flow
- Therapeutic hypothermia



## Minor changes:

### **ICD Public submissions**

- Allied health intervention, diabetes education
- Balloon dilation for stricture of oesophagus
- Cystoscopy with passage of sounds
- Excision, teratoma, mediastinum, via sternotomy
- Exploratory laparotomy
- Injection into spinal nerve
- Malone antegrade continence enema (MACE)
- Matrix autologous chondrocyte implantation (MACI)



Minor changes:

## **ICD Public submissions (continued)**

- Mucosal resection of polyp
- Open door laminoplasty
- Percutaneous biopsy of retroperitoneal mass
- Pipelle aspiration of endometrium
- Renal denervation for treatment-resistant hypertension
- Transoesophageal ultrasound of heart performed during cardiac surgery

## Minor changes:

### Queries

- Aspiration of peritonsillar abscess
- Avastin® injection for parafoveal telangiectasia
- Cisternography
- Closed reduction of acetabulum
- Descmets stripping endothelial keratoplasty (DSEK)
- Electrochemotherapy
- Gliadel® wafer insertion
- McCall's culdoplasty



## Minor changes:

### Queries (continued)

- McRobert's manoeuvre
- Molecular adsorbent recirculating system (MARS)
- PTQ® Injections
- Radiofrequency ablation of stellate ganglion
- Reoperation of arteries or veins of neck, abdomen or limb
- Transanal endoscopic microsurgery (TEMS)
- Vaginal vault suspension



## Minor changes:

### **MBS updates**

- Artificial bowel sphincter procedures
- Electrophysiological testing
- Endoscopic laser therapy of oesophagus
- Endoscopic ultrasound
- Excision of exostoses
- Injection of Poly-L-lactic acid
- MRI rectum
- Removal of nasopharyngeal tumour
- Reproductive medicine procedures

## Minor changes:

### **CodeXpert development**

- Amputation, arm
- Arthroplasty, digit
- Arthroscopy, wrist with release of adhesions
- Drainage retroperitoneal haematoma
- Gastrointestinal endoscopic administration of agent
- Graft, bone, vertebra
- Induction, labour, medical
- Ostectomy, mandible, multiple procedures
- Procedure, bladder, neck, retropubic, laparoscopic
- Removal kidney, transplanted

## Minor changes:

### **CodeXpert development (continued)**

- Reopening, thyroid field wound
- Repair, laceration, cornea
- Replacement of cardiac electrode
- Replacement of commas with slashes
- Resection artery, coronary
- Resection, turbinates
- Strassman procedure
- Suture, pelvic floor/perineum
- Tattooing by colonoscopy & panendoscopy



Minor changes:

## **Deletion of ACS**

- Blepharoplasty (ACS 1205)





Minor changes:

## **DRG Public Submission**

- Direct closure of innominate artery
- Fat graft in spinal surgery
- Injection into breast tissue expander

~ ACS ~

## New Standards:

- ACS 0742 *Orbital and periorbital cellulitis*
- ACS 2114 *Prophylactic surgery*

## Deleted Standards:

The following four standards were deleted from the ACS and incorporated into the introductory content in ICD-10-AM and ACHI:

- ACS 0033 *Conventions used in the tabular list of diseases*
- ACS 0034 *Conventions used in the alphabetic index of diseases*
- ACS 0040 *Conventions used in the tabular list of interventions*
- ACS 0041 *Conventions used in the alphabetic index of interventions*



## Deleted Standards *(continued)*:

- ACS 0027 *Multiple coding*
- ACS 0219 *Mastectomy for malignancy on biopsy*
- ACS 0511 *Panic attacks with phobia*
- ACS 0517 *Noncompliance with treatment*
- ACS 0612 *Skull base surgery*
- ACS 0723 *Corneal rust ring*
- ACS 0926 *Hypertensive heart disease*
- ACS 0927 *Hypertensive heart and kidney disease*
- ACS 0928 *Secondary hypertension*



## Deleted Standards (*continued*):

- ACS 0942 *Banding of haemorrhoids*
- ACS 1205 *Blepharoplasty*
- ACS 1210 *Cellulitis*
- ACS 1420 *Bladder neck incision for benign prostatic hypertrophy*
- ACS 1426 *Dialysis amyloid*
- ACS 1530 *Premature labour and delivery*
- ACS 1616 *Hypoxic ischaemic encephalopathy (HIE)*



## Major Changes:

- ACS 0019 *Procedure not completed or interrupted*
- ACS 0020 *Bilateral/multiple procedures [multiple skin biopsies]*
- ACS 0048 *Condition onset flag*
- ACS 0104 *Viral hepatitis*
- ACS 0401 *Diabetes mellitus and intermediate hyperglycaemia [implemented 1 July 2012]*
- ACS 0402 *Cystic fibrosis*
- ACS 0925 *Hypertension [combined 4 standards]*
- ACS 1615 *Specific interventions for the sick neonate*





## Minor Changes:

- ACS 0001 *Principal diagnosis*
- ACS 0005 *Syndromes*
- ACS 0020 *Bilateral/multiple procedures*
- ACS 0042 *Procedures normally not coded*
- ACS 0102 *HIV/AIDS*
- ACS 0110 *Sepsis, severe sepsis and septic shock*
- ACS 0111 *Healthcare associated Staphylococcus aureus bacteraemia*
- ACS 0112 *Infection with drug resistant microorganisms*





## Minor Changes *(continued)*:

- ACS 0229 *Radiotherapy*
- ACS 0236 *Neoplasm coding and sequencing*
- ACS 0245 *Remission in malignant immunoproliferative diseases and leukaemia*
- ACS 0505 *Mental illness complicating pregnancy*
- ACS 0630 *Quadriplegic hand surgery*
- ACS 0941 *Arterial disease*
- ACS 1006 *Ventilatory support*
- ACS 1008 *Chronic obstructive pulmonary disease*



## Minor Changes *(continued)*:

- ACS 1122 *Helicobacter pylori*
- ACS 1204 *Plastic surgery*
- ACS 1404 *Admission for kidney dialysis*
- ACS 1438 *Chronic kidney disease*
- ACS 1520 *Multiple births*
- ACS 1551 *Obstetric perineal lacerations/grazes*
- ACS 1610 *Sudden infant death syndrome/acute life threatening event*
- ACS 1904 *Procedural complications*

## Minor Changes (*continued*):

- ACS 1911 *Burns*
- ACS 2001 *External cause code use and sequencing*
- **ALSO** updated all references to websites, books and METeOR data standards in the ACS for currency.

# What Next?



- Hard copy of Eighth Edition ICD-10-AM/ACHI/ACS in production
- CodeXpert (including a network version) will be available for Eighth Edition
- Eighth Edition ECL complete and available for purchase on NCCC website
- Eighth Edition Education to be delivered May-June 2013
- Eighth Edition Chronicle will be available mid 2013



*~ Thank you ~*

# Contact details



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