



AR-DRG Classification System Development and Refinement Services Summary of Tenth Edition Updates to ICD-10-AM/ACHI/ACS

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Prepared for the Independent Hospital Pricing Authority

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Summary of Tenth Edition Updates to ICD-10-AM/ACHI/ACS

Following is a summary of the Tenth Edition updates to the International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Australian Modification (ICD-10-AM), the Australian Classification of Health Interventions (ACHI) and the Australian Coding Standards (ACS). ICD-10-AM/ACHI/ACS is due for implementation on 1 July 2017 and contains amendments based on 96 proposals approved through the Australian Consortium for Classification Development (ACCD) governance structure. Table 1 below groups the approved proposals into major and minor categories which are further expanded for detail in the following sections in this summary report.

Table 1: Summary of Tenth Edition Updates

Tenth Edition Updates	Major	Minor	Total
ICD-10-AM*	29	29	58
ACHI*	22	7	29
ACS Only	9		
Total approved proposals	96		

* may also include ACS revisions

Changes to the classification for Tenth Edition were sourced from: updates to the World Health Organization's ICD-10; revisions to the Medicare Benefits Schedule; ACCD tasks, including public submissions and coding queries.

Clinical and technical advice for Tenth Edition content was provided by members of the ACCD ICD Technical Group (ITG), the Clinical Classifications Advisory Group (CCAG) and ACCD's Principal Clinical Advisor in conjunction with various specialist clinicians. These groups are represented by expert clinical coders from each state/territory as well as the private sector, clinicians, Health Information Management Association of Australia (HIMAA), the Australian Institute of Health and Welfare (AIHW), the Australian Government Department of Health (DOH), the Australian Commission on Safety and Quality in Health Care (the Commission), the National Health Information Standards and Statistics Committee (NHISCC) and the Independent Hospital Pricing Authority (IHPA).

Summary statistics – ICD-10-AM/ACHI/ACS Tenth Edition

ICD-10-AM, number of valid disease codes (excluding morphology):

Total number of disease codes: 16953
 Total number of new disease codes: 231
 Total number of deleted disease codes: 68

ICD-10-AM – Morphology codes, number of morphology codes:

Total number of morphology codes: 2825
 Total number of new morphology codes: 0
 Total number of deleted morphology codes: 0

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Australian Classification of Health Interventions (ACHI), number of codes:

Total number of ACHI codes: 6248
Total number of new ACHI codes: 112
Total number of deleted ACHI codes: 250
Total number of new blocks: 2
Total number of deleted blocks: 10

Australian Coding Standards (ACS)

Number of new standards: 10
Number of deleted standards: 34
Number of modified standards: 49
Number of standards with modified titles: 8

WHO ICD-10 Updates

Total ICD-10 addenda included in Tenth Edition: 40
Total ICD-10 addenda originating from Australia and accepted as part of ICD-10: 17

International Statistical Classification of Diseases and Related Health Problems – Tenth Revision – Australian Modification (ICD-10-AM)

MAJOR UPDATES (creation of new codes/revision of existing codes and may include major ACS revision)

- WHO ICD-10 updates (from annual meeting in Barcelona 2014)
- WHO ICD-10 update for retroperitoneal fibrosis (from annual meeting in Manchester 2015)
- Revised classification and standardisation of obstetrics, including the removal of codes classifying complications of procedures which are not complications of pregnancy, childbirth and the puerperium, changes to instructional notes in the Tabular List and amendments to code titles from 'complicating pregnancy' to 'in pregnancy'. A major revision of all ACS in Chapter 15 *Pregnancy, childbirth and the puerperium* was undertaken to reflect changes in the classification and provide guidance on code assignment
- Revised classification of same-day endoscopy episodes of care, including deletion of ACS 0046 *Diagnosis selection for same-day endoscopy*, ACS 0246 *Familial adenomatous polyposis*, ACS 0247 *Hereditary non-polyposis colon cancer*, ACS 2111 *Screening for specific disorders* and ACS 2113 *Follow-up examinations for specific disorders* with consolidation into two new ACS 0051 *Same-day endoscopy – diagnostic* and ACS 0052 *Same-day endoscopy – surveillance*
- Revised classification of procedural complications to expand codes to classify additional information, modification of code titles to include 'intraoperative' and replace the term 'misadventure' with 'unintentional event'. A major revision of ACS 1904 *Procedural complications* was undertaken to reflect the extensive changes in the classification
- Revised classification of chronic pain (revised ACS 1807 *Pain diagnoses and pain management procedures*)



- Revised classification of health supervision and care of infant and child to include those awaiting adoption or foster care placement and abandoned infants (deletion of ACS 1608 *Adoption* and ACS 1609 *Newborns affected by maternal causes and birth trauma*)
- Expansion of codes for abnormal findings of blood chemistry
- Revision of instructions within the Conventions regarding *Excludes* notes and the principle of 'translating medical statements into code'
- Expansion of codes for Phlebitis and thrombophlebitis of other deep vessels of lower extremities to indicate specific sites
- Revision of the guidelines regarding passive smoking with a new ACS 2118 *Exposure to tobacco smoke*
- Expansion of codes for Obesity to reflect grades of body mass index (BMI)
- Revised classification of cachexia
- Expansion of codes for abnormal findings on diagnostic imaging of abdominal and pelvic region
- Addition of fifth character subdivision for retinal angioma
- Creation of code for latent tuberculosis
- Creation of place of occurrence codes to differentiate health service area as either this facility or not specified as this facility

MINOR UPDATES (indexing and Tabular List revisions)

- Revision of instructional notes for pressure injury
- Indexing for Kennedy (terminal) ulcer
- Improved classification of thyroid eye disease and thyroid heart disease
- Indexing for Tufting Enteropathy
- Amendments to the classification of diabetes with arthropathy (neuropathic arthropathy)
- Amendments to the classification for gouty nephrolithiasis and IgG4-related disease
- Amendments to the classification of snapping jaw
- Indexing for subchorionic haematoma
- Code title change for Holiday relief care to Respite care
- Amendments to clarify the classification of diabetes with venous complications
- Corrected code title of V23.2- *Motorcycle rider injured in collision with car, pick-up truck or van, unspecified motorcycle rider, nontraffic accident*
- Amendments to the guidelines for assignment & sequencing of dagger & asterisk codes in the Conventions in ICD-10-AM & ACS
- Amendments to the classification of Mental and behavioural disorders due to psychoactive substance use
- Indexing for necrotising myopathy
- Index amendments for cerebral artery syndrome with cerebral infarction
- Amendments to code titles of the five character codes at L90.5 to include the terms scar conditions and fibrosis of skin
- Amendments to the classification of poisoning due to methylated spirits to T51.0 *Ethanol*
- Indexing amendments for Sertoli cell tumour
- Amendments to the classification for acquired encephalocele



- Amendments to the classification for subgaleal haematoma
- Amendments to the classification for acquired cerebellar ataxia
- Amendments to L99.8* *Other specified disorders of skin and subcutaneous tissue in diseases classified elsewhere* for late syphilitic leukoderma
- Indexing amendments at Miscarriage and Abortion
- Code title change for O26.4 to *Pemphigoid gestationis*
- Indexing amendments for adenovirus, enterovirus and coronavirus
- Amendments to the classification for Dysexecutive syndrome
- Amendments to the classification of Q86.0 *Fetal alcohol syndrome* and P04 *Fetus and newborn affected by noxious influences transmitted via placenta or breast milk*
- Amendments to the Instructional terms relating to the identification of sepsis (Use additional code...to identify sepsis/code first the type of sepsis) from (Chapter 1, P36-P37) to (Chapter 1, P36.-, P37.52)
- Amendments to the spelling of gentamicin and sulfonamides
- Amendments to the Inclusion term (Resistance to cephalosporins) at Z06.69 *Resistance to other specified antibiotics*
- Addition of NEC to the Alphabetic Index at Resistance/antibiotic(s)
- Amendment of the *Excludes* notes at F90.0 *Disturbance of activity and attention*, and category F91 *Conduct disorders*
- Addition of an ACS symbol (ACS 0049 *Disease codes that must never be assigned*) to F90.1 *Hyperkinetic conduct disorder*
- Amendment of the Inclusion term at H20.0 *Acute and subacute iridocyclitis*
- Amendment of the indexing at the lead term Microcephalus, microcephalic, microcephaly
- Conversion of a number of the *Notes* in Chapter 19 *Noninvasive, cognitive and other interventions, not elsewhere classified* to *Glossary descriptions/definitions*
- Minor ECL amendments

Australian Classification of Health Interventions (ACHI)

MAJOR UPDATES (creation of new codes/revision of existing codes and may include major ACS revision)

- Medicare Benefits Schedule (MBS) updates including:
 - Transcatheter closure of patent ductus arteriosus and ventricular septal defect
 - Botulinum toxin injection
 - Ophthalmology procedures
 - Ultrasound of male & female pelvis
 - CT of the Temporomandibular joint
- Revision of orchidopexy codes
- Revision of urogenital interventions (including pelvic exenteration, Urolift, SpaceOAR)
- Revision of block **[1276]** *Excision procedures on cervix* with creation of codes for radical and total excision of cervix via different approaches



- Revision of Delivery procedures
- New code for transcatheter administration of thrombolytic therapy
- Revision of mental health interventions, including changes to Electroconvulsive therapy (ECT)
- Revision of code titles to replace the term for pastoral care with spiritual care
- Creation of a block for *Technology-assisted interventions*, including a code for Robotic-assisted intervention and creation of ACS 0053 *Robotic-assisted intervention*
- Review of Chapter 3 *Procedures on eye and adnexa* (including the MBS updates on ophthalmology items) was undertaken to delete redundant procedural concepts from block [160] *Examination procedures on eyeball* to block [220] *Other procedures on extraocular muscle or tendon*
- Creation of generic ACHI codes for 'administration of agent into *specific site*', to classify 'injection of botulinum toxin (Botox)' or other agent/substance
- Creation of block for *Extracorporeal ventilatory support*, with a new code for extracorporeal carbon dioxide removal (ECCO2R) and relocated ECMO codes
- Creation of codes for percutaneous drainage of kidney, percutaneous drainage of perinephric area and other closed partial nephrectomy
- Creation of code for percutaneous aspiration/drainage of tunica vaginalis/scrotum
- Creation of a code for transgluteal and transrectal drainage of intra-abdominal abscess, haematoma or cysts
- Amendment to block title and code titles within block [1659], for Procedures for pilonidal sinus or cyst to include the term abscess and creation of a code for endoscopic pilonidal sinus treatment
- Creation of endoscopic, percutaneous and open destruction procedures for liver, kidney and prostate and removal of diagnostic information from some code titles
- Creation of a code for transcatheter embolisation of the aorta
- Creation of a code for machine perfusion for use with organ transplantation and amendments to ACS 0030 *Organ and tissue procurement and transplantation*
- Creation of a code for coronary artery blood flow measurement
- Creation of codes for implantation, removal and revision of total artificial heart
- Creation of a code for endoscopic revision of device in stomach
- Creation of a code for arthroscopic chondroplasty of wrist

MINOR UPDATES (indexing and Tabular List revisions)

- Indexing for uterosacral plication
- Indexing for adipose derived stem cell therapy
- Indexing amendments for metacarpophalangeal ligament repair
- Indexing amendments for diaphragmatic hernia repair
- Indexing for ptosis of eyebrow and skin
- Code title change for 40330-00 [49] to *Decompression of spinal nerve roots*
- Indexing amendments for lymph node dissection
- Minor ECL amendments
- Updates to the code map in Appendix A: Mapping Table for MBS items not included in ACHI



- Amendments to the Inclusion term at 30571-00 **[926]** *Appendicectomy* from Incidental appendectomy with Incidental appendicectomy
- Amendments to the indexing at Revision/joint replacement
- Amendments to the indexing for 13506-00 **[1899]** *Gastro-oesophageal balloon tamponade* and the *Note* at this code

Australian Coding Standards (ACS) ONLY (may relate to ICD-10-AM and/or ACHI)

- Deletion of ACS 1415 *Young's syndrome* as redundant
- Amendment of ACS 0002 *Additional diagnoses* for incidental findings
- Revision of ACS 0012 *Suspected conditions* for further clarification in relation to principal and additional diagnoses
- Revision of ACS 0042 *Procedures normally not coded* to include previous published advice and updates from work undertaken in other tasks for Tenth Edition
- Amendments to ACS 0048 *Condition onset flag* (COF) to clarify pressure injuries with same diagnosis code qualifying for different COF values and external referrals
- Major revision of ACS Chapter 19 *Injury, poisoning and certain other consequences of external causes* to incorporate updates undertaken across Chapter 19
- Revision of ACS abbreviations list limiting it to non-clinical abbreviations leading to subsequent review of all ACS with abbreviations
- Amendment of Notes (Note: ACHI codes are not included in these examples) in relevant standards, to create consistent formatting
- Deletion of the reference to Chronic = recurrent acute in ACS 0804 *Tonsillitis*
- Addition of F90.1 *Hyperkinetic conduct disorder* to ACS 0049 *Disease codes that must never be assigned*
- Revision of Appendix A: *Standards for Ethical Conduct in Clinical Coding* to facilitate national consistency in coding practice and to ensure the integrity of coded clinical data at a national level