



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

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Prepared for the Independent Hospital Pricing Authority



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

Following is a summary of the Eleventh 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 2019 and contains amendments based on 154 proposals approved through the Australian Consortium for Classification Development (ACCD) governance structure.

Changes to the classification for Eleventh Edition were sourced from: updates to the World Health Organization's ICD-10; revisions to the Medicare Benefits and ADA Schedules; ACCD tasks, including those based upon public submissions and coding queries, as well as the Independent Hospital Pricing Authority (IHPA) specified tasks.

Clinical and technical advice for Eleventh Edition content was provided by members of the ACCD ICD Technical Group (ITG), and the Clinical Classifications Advisory Group (CCAG) 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, and representatives from the 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 Data and Information Standards Committee (NHDISC) and IHPA.

### Summary statistics – ICD-10-AM/ACHI/ACS Eleventh Edition

#### ICD-10-AM disease codes (excluding morphology):

Total number of valid disease codes: 17067  
Total number of new disease codes: 81  
Total number of deactivated disease codes: 6  
Total number of reactivated disease codes: 49

#### ICD-10-AM morphology codes:

Total number of morphology codes: 2827  
Total number of new morphology codes: 2  
Total number of deactivated morphology codes: 0

#### Australian Classification of Health Interventions (ACHI) codes:

Total number of ACHI codes: 6231  
Total number of new ACHI codes: 148  
Total number of deleted ACHI codes: 141  
Total number of new blocks: 1  
Total number of deactivated blocks: 8

#### Australian Coding Standards (ACS)

Number of new standards: 0  
Number of deactivated standards: 21  
Number of modified standards: 94



## Work plan major topics

Chronic conditions (including diabetes mellitus)  
Additional diagnoses  
Clinical documentation and abstraction guidelines  
Part II of Tenth Edition reviews of Obstetrics and Ophthalmology  
Mandatory updates (WHO, MBS, ADA)  
Syndromes  
Wound Management  
Neoplasms (ICD/ACHI/ACS)  
Lymph node interventions  
FESS and ENMT (ACHI/ACS review)  
Other tasks as identified by ACCD

## 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 (Manchester 2015 & Tokyo 2016)
- Revised classification and standardisation of:
  - Precoordinated indexed conditions (including epileptic psychosis)
  - Obstetrics
  - Neoplasms
  - Decreased consciousness
  - Anaphylaxis and anaphylactic shock
  - Respiratory distress
  - Nontraumatic haematoma
- Creation of new codes for:
  - Personal history of cerebrovascular disease, thrombosis and embolism, circulatory system NEC, transient ischaemic attack and nerve system and sense organs NEC
  - Adjustment and management of
  - Allergens
  - Syndromes (congenital and acquired)

### MINOR UPDATES

(indexing and Tabular List revisions)

- Amendments to the tabular and/or indexing for:
  - Tarlov cyst
  - Arthritis of spine
  - Complications of stomas
- Minor ECL amendments
- Formatting 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) and ADA based updates
- Part II of the reviews of Chapter 3 *Procedures on eye and adnexa* (including the MBS updates on ophthalmology items) and Chapter 14 *Obstetric procedures*
- Revised classification and standardisation of:
  - Lymph node interventions
  - Implanted hearing devices
  - ENMT interventions including implanted hearing devices and FESS
  - Wound management

### MINOR UPDATES

(indexing and Tabular List revisions)

- New codes for lactation consultant and exercise physiologist in *Allied health interventions*
- Amendments to the tabular and/or indexing (with or without code creation/deletion) for interventions:
  - Artificial urinary sphincters
  - Endoscopic injection of tattoo markers into GI lesions
  - Umbilectomy
  - Double balloon enteroscopy
  - Stretta procedure
  - Transpyloric shuttle insertion
  - Repetitive transcranial magnetic stimulation
  - Stereo electroencephalography
  - Liver procurement procedures
- Minor ECL amendments
- Formatting amendments

## Australian Coding Standards (ACS)

(may relate to ICD-10-AM and/or ACHI)

- Major revision of ACS 0002 *Additional diagnoses* and 0010 *Clinical documentation and general abstraction guidelines*
- Major review of Chapter 5 *Mental and behavioural disorders*
- Major review of Chapter 2 *Neoplasms*



- Part II of reviews Chapter 7 *Eye and adnexa* and Chapter 15 *Pregnancy, childbirth and the puerperium*
  - Amendments (major or minor) to ACS (blue capitals indicates an ACS title change):
- |      |   |
|------|---|
| 0001 | Principal diagnosis   |
| 0002 | Additional diagnoses  |
| 0003 | Supplementary codes for chronic conditions                                  |
| 0005 | Syndromes   |
| 0010 | CLINICAL DOCUMENTATION AND GENERAL ABSTRACTION GUIDELINES                   |
| 0011 | INTERVENTION NOT PERFORMED OR CANCELLED                                     |
| 0012 | Suspected conditions  |
| 0015 | Combination codes   |
| 0025 | Double coding   |
| 0049 | Disease codes that must never be assigned                                   |
| 0052 | Same-day endoscopy - surveillance   |
| 0016 | General procedure guidelines  |
| 0019 | INTERVENTION ABANDONED, INTERRUPTED OR NOT COMPLETED                        |
| 0020 | Bilateral/multiple procedures   |
| 0022 | Examination under anaesthesia   |
| 0023 | Laparoscopic/arthroscopic/endoscopic surgery                                |
| 0030 | Organ, tissue and cell procurement and transplantation                      |
| 0031 | Anaesthesia   |
| 0039 | Reopening of operative site   |
| 0042 | Procedures normally not coded   |
| 0044 | PHARMACOTHERAPY   |
| 0053 | Robotic-assisted intervention   |
| 0102 | HIV/AIDS (human immunodeficiency virus/acquired immune deficiency syndrome) |
| 0104 | Viral hepatitis   |
| 0111 | Healthcare associated staphylococcus aureus bacteraemia                     |
| 0112 | Infection with drug resistant microorganisms                                |
| 0222 | Lymphoma  |
| 0229 | Radiotherapy  |
| 0233 | Morphology  |
| 0234 | Contiguous sites  |
| 0236 | Neoplasm coding and sequencing  |
| 0237 | Recurrence of malignancy  |
| 0239 | Metastases  |
| 0241 | Malignancy of lip   |
| 0245 | Remission in malignant immunoproliferative diseases and leukaemia           |
| 0302 | Blood transfusions  |
| 0303 | Abnormal coagulation profile due to anticoagulants                          |



0304	Pancytopenia
0401	Diabetes mellitus and intermediate hyperglycaemia
0503	Drug, alcohol and tobacco use disorders
0505	Mental illness in pregnancy, childbirth and the puerperium
0604	CEREBROVASCULAR ACCIDENT (CVA)
0625	Quadriplegia and paraplegia, nontraumatic
0629	Stereotactic radiosurgery, radiotherapy and localisation
0807	Functional endoscopic sinus surgery (FESS)
0809	Intraoral osseointegrated implants
0909	Coronary artery bypass grafts
0925	Hypertension and related conditions
0934	Cardiac and vascular revision/reoperation procedures
0936	Cardiac pacemakers and implanted defibrillators
0940	Ischaemic heart disease
0941	Arterial disease
1002	Asthma
1006	Ventilatory support
1008	Chronic obstructive pulmonary disease (COPD)
1204	Plastic surgery
1217	Repair of wound of skin and subcutaneous tissue
1221	Pressure injury
1309	Dislocation or complication of hip prosthesis
1352	Juvenile arthritis
1437	INFERTILITY AND IN VITRO FERTILISATION (IVF)
1438	Chronic kidney disease
1505	Delivery and assisted delivery codes
1511	TERMINATION OF PREGNANCY (ABORTION)
1521	Conditions and injuries in pregnancy
1544	COMPLICATIONS FOLLOWING PREGNANCY WITH ABORTIVE OUTCOME
1548	Puerperal/postpartum condition or complication
1549	Streptococcal group B infection/carrier in pregnancy
1550	Discharge/transfer in labour
1551	Obstetric perineal lacerations/grazes
1605	Conditions originating in the perinatal period
1607	Newborn/neonate
1611	Observation and evaluation of newborn and infants for suspected condition not found
1615	Specific diseases and interventions related to the sick neonate
1617	Neonatal sepsis/risk of sepsis
1807	Acute and chronic pain
1901	Poisoning



- 1902 Adverse effects
  - 1904 Procedural complications
  - 1905 Closed head injury/loss of consciousness/concussion
  - 1906 Current and old injuries
  - 1911 Burns
  - 1915 Spinal (cord) injury
  - 1916 Superficial and soft tissue injuries
  - 1923 Contact with venomous/nonvenomous creatures
  - 1924 Difficult intubation
  - 2001 External cause code use and sequencing
  - 2005 Poisonings and injuries – indication of intent
  - 2008 Perpetrator of assault, abuse and neglect
  - 2103 Admission for post acute care
  - 2104 Rehabilitation
  - 2114 Prophylactic surgery
  - 2115 Admission for allergen challenge
  - 2117 Non-acute care
- Deletion of ACS:
    - 0028 Para-aortic lymph node biopsy
    - 0218 Lymphangitis carcinomatosis
    - 0520 Family history of mental illness
    - 0525 Substance rehabilitation and detoxification
    - 0526 Münchhausen's by proxy
    - 0528 Alzheimer's disease
    - 0532 Cognitive impairment
    - 0741 Ectropion/entropion
    - 0803 Admission for removal of grommets
    - 1203 Debridement
    - 1220 Extraoral osseointegrated implants
    - 1334 Spondylosis/spondylolisthesis/retrolisthesis
    - 1336 Hypertonia
    - 1342 Hyperreflexia
    - 1431 Examination under anaesthesia (EUA), gynaecology
    - 1614 Respiratory distress syndrome/hyaline membrane disease/surfactant deficiency
    - 1618 Low birth weight and gestational age
    - 1808 Incontinence
    - 1809 Febrile convulsions
    - 2004 Allergic reaction NOS
    - 2112 Personal history



- Revision of ACS abbreviations list
- Amendment of Notes across the ACS to create consistent formatting
- Removal of *Standards for Ethical Conduct in Clinical Coding* (previously Appendix A) as per IHPA directive.