



Australian Consortium for Classification Development

ICD-10-AM/ACHI/ACS Ninth Edition Overview

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Consortium Partners



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Bringing knowledge to life



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*ICD-10-AM/ACHI/ACS Ninth
Edition*

Implementation: 01/07/2015



Overview

Ninth Edition Updates	Major	Minor	Total
ICD-10-AM*	19	44	63
ACHI*	20	12	32
ACS Only			11
Total Addenda Updates			106



Overview

ICD-10-AM/ACHI Ninth Edition:

CODES	New	Deleted
ICD-10-AM	147	14
ACHI	67	67



- 1 new block in ACHI for Implantation of device for radiotherapy guidance
- Deleted disease codes not deleting concepts
- Amended 38 disease code titles (including morphology codes)



~ ICD-10-AM ~



ICD-10-AM

Major changes:

- ACS 0003 Supplementary codes for chronic conditions and creation of supplementary U codes list
- Revised classification of sepsis (including major revision to ACS 0110 Sepsis, severe sepsis and septic shock)
- Incorporation of unacceptable principal diagnosis list into ICD-10-AM (as appendix and ACS)



ICD-10-AM

Major changes (*continued*):

- Revised and standardised classification of rehabilitation episodes of care (**ACS 2104 Rehabilitation**)
- Revised classification of other ACS for subacute episodes of care
 - **ACS 2103 Admission for convalescence/aftercare**
 - **ACS 2105 Long term/nursing home type inpatients**
 - **ACS 2107 Respite care**
 - **ACS 0224 Palliative care**



ICD-10-AM

Major changes (*continued*):

- Revised standards relating to **ischaemic heart disease and arterial disease**
 - ACS 0909 Coronary artery bypass grafts
 - ACS 0934 Cardiac revision/reoperation procedures
 - ACS 0940 Ischaemic heart disease
 - ACS 0941 Arterial disease



ICD-10-AM

Major changes (*continued*):

Pressure ulcer/injury

- Revised classification of pressure ulcer/injury to include updated stage/grade classification and inclusion of fifth character site classification
- Pan Pacific Pressure Injury Alliance (PPPIA - Australia, New Zealand, Hong Kong and Singapore)
- International consensus and proposal currently submitted to WHO



ICD-10-AM

Major changes (*continued*):

New codes to classify:

- Facial droop following CVA without hemiplegia
- Food/drug challenges



ICD-10-AM

Major changes (*continued*):

Expansion of existing codes:

- **I73.0 Raynaud's syndrome** to include **with and without gangrene**
- **T88.4 Failed or difficult intubation** to split the concepts of failed and difficult
- **Site specific codes** for conditions which contribute to **diabetic foot** (cellulitis, ulcer etc.)



ICD-10-AM

Major changes (*continued*):

Revised classification of cystic fibrosis (CF):

- **Aggregated existing codes** to the third character
- Facilitate classification of **manifestations of CF** following the principles of **ACS 001 Principal diagnosis**



ICD-10-AM

Major changes (*continued*):

Revised classification of:

- **Thrombocytosis and thrombocythaemia** (including new code)
- **Resistance to antibiotics** (revision of previous WHO update)



ICD-10-AM

Major changes:

WHO ICD-10 Updates

- New status code for **dependence on artificial heart**
- Creation of fourth character subdivisions at **W26 Contact with other sharp object(s)**

New codes for:

- **Excessive and redundant skin and subcutaneous tissue**
- **Personal history of female genital mutilation**
- **Locked-in syndrome**



ICD-10-AM

Minor changes:

- Removal of code also instructional notes for assigning CKD/hypertension
- Revise classification of carotid artery aneurysms (distinction between cerebral and non-cerebral)
- Indexing for trichoadenoma
- Indexing for paraspinal/paravertebral neuroblastoma
- Revised indexing for spinal dural tear
- Revised title of morphology codes for consistency
- Revised fifth character subdivision code titles for burns of trunk for consistency
- Indexing for intramucosal adenocarcinoma



ICD-10-AM

Minor changes:

- Minor amendments to ACS 1605 Conditions originating in the perinatal period and ACS 1615 Specific interventions for the sick neonate
- Minor amendments to ACS 1513 Induction and augmentation, ACS 0001 Principal diagnosis and ACS 0042 Procedures normally not coded for clarity with respect to obstetrics coding
- Indexing for venous eczema
- Indexing for venous lakes
- Indexing for periductal mastitis
- Improved classification of Mendelson's syndrome
- Improved classification of hypertension due to acute kidney disease
- Improved classification of nephrosclerosis
- Improved classification of choroidal neovascularisation



ICD-10-AM

Minor changes:

- Indexing of disease code for removal of silicone oil from eye post retinal detachment
- Improved classification of manual removal of placenta, in single vaginal delivery
- Improved classification of acquired dysmotility of oesophagus
- Indexing for inverted T-incision caesarean section
- Improved classification of impaired mobility
- Code title revision for fitting and adjustment of prosthetic device
- Improved classification of drug induced pulmonary fibrosis
- Improved classification of malignant neoplasm of cervix
- Revised inconsistent Indexing of fatty liver in diabetes
- Indexing for reactive airways disease



ICD-10-AM

Minor changes:

- Improved classification of PVD with ulcer
- Added appropriate ACS Tabular references for ACS 0503 Drug, alcohol and tobacco use disorders
- Removal of unnecessary dagger and asterisk duplication for cervical disc prolapse causing myelopathy
- Improved classification of vasospasm of coronary arteries
- Indexing of purple toe syndrome
- Improved classification of failed forceps or vacuum delivery (disease code assignment)
- Indexing for adhesions and polyp of cervix complicating pregnancy
- Indexing for incisional inguinal hernia



ICD-10-AM

Minor changes:

- Improved classification of Z04 Examination and observation for other reasons
- Minor indexing revision table of drugs and chemicals
- Removal of Australian code symbol at O94 *Sequelae of complication of pregnancy, child birth and the puerperium* (WHO code)
- Indexing and ACS cross references for malignant neoplasm of overlapping sites
- Indexing for pre-labour rupture of membranes and creation of ACS 1552 Premature rupture of membranes, labour delayed by therapy
- Indexing for external cause codes for complications relating to renal dialysis
- Revised indexing for epiploic appendagitis



ICD-10-AM

Minor changes:

- Revised indexing and ACS amendments for Kidney transplant failure/ kidney transplant status
- Correction of errors:
 - typographical error in code descriptor for D47.5 *Chronic eosinophilic leukaemia [hypereosinophilic syndrome]*
 - typographical error in ECL descriptor for E11.5-
 - error in excludes note at block [1632] *Excision of toenail*



ICD-10-AM

Minor changes:

WHO updates

New terminology in the area of:

- Apparent life threatening event
- Basal cell papilloma
- Levator ani syndrome
- Thoracic endometriosis syndrome
- Meige disease
- Meige-Milroy disease (chronic hereditary oedema)
- Very long chain acyl-CoA dehydrogenase (VLCAD) deficiency
- Manic depression
- Redundant colon



~ *ACHI* ~



ACHI

Major changes:

- Medicare Benefits Schedule (MBS) updates:
 - Excision of lesion or tissue of rectum and anus
 - Procedures for obesity (MBS updates and clarification/revision of Eighth Edition update)
 - Insertion of colonic stents
 - Endoscopic destruction procedures on oesophagus
 - Biopsy of prostate & seminal vesicle
 - Varicose vein procedures
- The Australian Schedule of Dental Services and Glossary, Tenth Edition, Australian Dental Association (ADA) updates



ACHI

Major changes (*continued*):

- Insertion/removal testicular prosthesis
- Removal and replacement of silicone breast prosthesis
- Insertion of fiducial markers
- Rusch balloon catheter
- B lynch procedures
- Microfracture
- Faecal microbiota transplantation
- Injection of sclerosing agent gastrointestinal and vascular sites
- CT guided biopsy of diaphragm
- Cholangiopancreatography



ACHI

Major changes (*continued*):

- **Bronchoscopic procedures** (including major revision of classification within Chapter 7 *Procedures on respiratory system*)
- **New cardiac procedures**
 - Procedures on the left atrial appendage (LAA)
 - Percutaneous mitral valvuloplasty using closure device (MitraClip™)



~ ACS ~



ACS

- New ACS 6
- Deleted ACS 3
- Revised ACS 37



ACS - new

- 0003 Supplementary codes for chronic conditions
- 0049 Disease codes that must never be assigned
- 0050 Unacceptable principal diagnosis codes
- 1552 Premature rupture of membranes, labour delayed by therapy
- 2115 Admission for allergen challenge
- 2117 Non-acute care (convalescence and respite care)



ACS - deleted

- 1335 Biomechanical lesions NEC (concept captured in new 0049 Disease codes that must never be assigned)
- 1427 Hydrocele
- 2107 Respite care (now in ACS 2117 Non-acute care)



ACS - revised

- Revised the following ACS:
 - ACS 0909 *Coronary artery bypass grafts*
 - ACS 0934 *Cardiac revision/reoperation procedures*
 - ACS 0940 *Ischaemic heart disease*
 - ACS 0941 *Arterial disease*



ACS 0003 Supplementary codes for chronic conditions

- ACS 0002 Additional diagnoses has been under continued scrutiny
- Numerous modifications
- Later iterations largely restricting the assignment of additional diagnoses codes to when a condition affects patient management in the particular episode of care



The challenge has been, and remains to be, how to determine which conditions should be considered as ‘affecting patient management’.



Rigorous application of ACS 0002 led to:

- more frequent coding of what may be considered minor complaints and symptoms
- under coding of chronic conditions



Chronic conditions by their nature are important in terms of:

‘treatment required, investigations needed and resources used’ for patient management



Use cases include:

- The national morbidity statistical collection
- Quality assurance activities
- Epidemiological studies
- Health care planning, development and evaluation.



Significantly, the codes are also used to assign episodes of care into Diagnosis Related Groups (DRGs), which are designed to categorise episodes of patient care into clinically coherent groups with similar resource utilisation for the purposes of casemix based funding and analysis.



The interpretation and application of ACS 0002, in conjunction with ACS 0001 Principal diagnosis, is fundamental in achieving consistent, complete and meaningful clinical coding data.



An evidence-based, phased review of ACS 0002 Additional diagnoses is being implemented in Ninth Edition with the long term goal of ensuring that ‘clinically important’ conditions are included in the coded data.



The review is being conducted and implemented in Ninth Edition with:

- the creation of 29 codes in the range U78-U88 *Supplementary codes for chronic conditions* representing a selection of clinically important conditions
- reside in Chapter 22 *Codes for special purposes.*



These codes should always be assigned where it is documented that the condition is present during an episode of admitted patient care, but it has not met the criteria for coding (as instructed in ACS 0002 *Additional diagnoses* and other general and specialty coding standards, coding conventions, and coding rules).



Creation of ACS 0003 *Supplementary codes for chronic conditions* to provide classification advice for the assignment of these codes.



Initial Phase

- ‘U’ codes will be assigned for an initial period of two development cycles (i.e. four years)
- The resulting data collection will be analysed, both to determine the frequency of additional coding and to measure the impact on resource consumption (if any).



Second Phase

- Results will be used to inform, the second phase of the review to determine what changes may be required to ACS 0002 *Additional diagnoses.*



CHAPTER 22

CODES FOR SPECIAL PURPOSES (U00–U49, U78–U88)

This chapter contains the following blocks:

- U00–U49 Provisional assignment of new diseases of uncertain aetiology or emergency use
- U78–U88 Supplementary codes for chronic conditions

PROVISIONAL ASSIGNMENT OF NEW DISEASES OF UNCERTAIN AETIOLOGY OR EMERGENCY USE (U00–U49)

Note: Codes U00–U49 are reserved for use by WHO for the

- U07.1 Emergency use of U07.1
- U07.2 Emergency use of U07.2
- U07.3 Emergency use of U07.3
- U07.4 Emergency use of U07.4
- U07.5 Emergency use of U07.5
- U07.6 Emergency use of U07.6
- U07.7 Emergency use of U07.7
- U07.8 Emergency use of U07.8
- U07.9 Emergency use of U07.9

SUPPLEMENTARY CODES FOR CHRONIC CONDITIONS (U78–U88)

▼0003

Note: Codes from this section are for use in Australia for chronic conditions as supplementary codes only.



U78–U88

★U78

Endocrine, nutritional and metabolic diseases

- ★U78.1 Obesity
- ★U78.2 Cystic fibrosis

★U79

Mental and behavioural disorders

- ★U79.1 Dementia (including in Alzheimer's disease)
- ★U79.2 Schizophrenia
- ★U79.3 Depression
- ★U79.4 Disorder of intellectual development

★U80

Diseases of the nervous system

- ★U80.1 Parkinson's disease
- ★U80.2 Multiple sclerosis
- ★U80.3 Epilepsy

★U80.4

Cerebral palsy

★U80.5

Tetraplegia, paraplegia, diplegia, monoplegia and hemiplegia, due to any cause
Quadriplegia

★U82

Diseases of the circulatory system

★U82.1

Ischaemic heart disease
Coronary artery disease

★U82.2

Chronic heart failure
Chronic congestive heart:
• disease
• failure



Chapter 22: Codes for special purposes (U00–U49, U78–U88)

★U82.3 Hypertension

★U83 Diseases of the respiratory system

★U83.1 Emphysema, without mention of chronic obstructive pulmonary disease

★U83.2 Chronic obstructive pulmonary disease

★U83.3 Asthma, without mention of chronic obstructive pulmonary disease

★U83.4 Bronchiectasis, without mention of cystic fibrosis

★U83.5 Chronic respiratory failure

★U84 Diseases of the digestive system

★U84.1 Crohn's disease

★U84.2 Ulcerative colitis

★U84.3 Chronic liver failure

★U86 Disorders of the musculoskeletal system and connective tissue

★U86.1 Rheumatoid arthritis

★U86.2 Arthritis and osteoarthritis

★U86.3 Systemic lupus erythematosus

★U86.4 Osteoporosis

★U87 Diseases of the genitourinary system

★U87.1 Chronic kidney disease, stage 3–5

Chronic kidney:
• failure } stage 3–5
• injury }

★U88 Congenital malformations, deformities and chromosomal abnormalities

★U88.1 Spina bifida

★U88.2 Down's syndrome
Trisomy 21



What Next?

- **31 October 2014** – Preliminary electronic code lists and maps delivered to IHPA
- **30 November** – approved by the Pricing Authority Health Minister's for comment
- **19 February** final approval from Pricing Authority
- **31 January 2015** – print ready version delivered to IHPA
- **Mid March 2015**– anticipate books will be available to purchase via IHPA's website
- **April-June 2014** – online education to be delivered
- **30 June 2015** - Chronicle released
- **1 July 2015** – Ninth Edition implemented

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

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