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Section B

Terminology in Use Today

Coding Systems

- International Classification of Diseases (9th ed.) Clinical Modifications (ICD-9-CM)
- ICD-10-CM and ICD-10-PCS (Procedure Coding System)
- Healthcare Provider Taxonomy
- Current Procedure Terminology (CPT®)
- National Drug Codes (NDC)
- RxNORM

Coding Systems

- SNOMED CT®
- Healthcare Common Procedure Coding System (HCPCS)
- Logical Observation Identifiers Names and Codes (LOINC®)
- RadLex®
- Unified Codes for Units of Measure (UCUM)
- HL7 Version 3 Vocabulary
- HL7 Version 2 Tables

Nursing Coding Systems

- North American Nursing Diagnosis Association International (NANDA)
- Nursing Interventions Classification (NIC)
- Nursing Outcomes Classification (NOC)
- The Omaha System
- The Clinical Care Classification System (CCC)

Proprietary Coding Systems

- MEDCIN
- First DataBank
- Medi-Span®
- Multum

ICD-9-CM

Full name	International Classification of Diseases 9th Revision Clinical Modifications	
URL	www.cms.gov/ICD9ProviderDiagnosticCodes/	
Publisher	CDC (diseases) and CMS (procedures)	
Use	<ul style="list-style-type: none">• Ambulatory and inpatient billing (diagnoses)• Inpatient billing (procedures)	
Organization	Hierarchical	
Code type	Structured	
Number of codes	~14,000 diagnoses and ~3,800 procedures	
Examples	410.01	Acute myocardial infarction of anterolateral wall initial episode of care
	E880.0	Accidental fall on or from escalator
	V14.0	Personal history of allergy to penicillin
	51.23	Laparoscopic cholecystectomy

ICD-10-CM

Full name	International Classification of Diseases 10th Revision Clinical Modifications	
URL	www.cms.gov/ICD10/	
Producer	CMS and NCHS	
Use	Ambulatory and inpatient billing	
Organization	Hierarchical	
Code type	Structured	
Number of codes	~70,000	
Examples	I2109	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
	W100xxA	Fall (on)(from) escalator, initial encounter
	Z880	Allergy status to penicillin

ICD-10-PCS

Full name	ICD-10-PCS
URL	https://www.cms.gov/ICD10/
Producer	CMS
Use	Inpatient billing (procedures)
Organization	Hierarchical
Code type	Structured
Number of codes	~72,000
Examples	0FT44ZZ Resection of Gallbladder, Percutaneous Endoscopic Approach

Healthcare Provider Taxonomy

Full name	Healthcare Provider Taxonomy	
URL	www.wpc-edi.com/content/view/793/1	
Producer	National Uniform Claims Committee	
Use	National Provider Classification with NPI	
Organization	Hierarchical	
Code type	Structured	
Number of codes	~1,000	
Examples	208U00000X	Allopathic & Osteopathic Physicians Clinical Pharmacology
	207Q00000X	Allopathic & Osteopathic Physicians Family Medicine
	207QA0000X	Allopathic & Osteopathic Physicians Family Medicine Adolescent Medicine

Current Procedure Terminology

Full name	Current Procedure Terminology	
URL	http://www.ama-assn.org/ama/pub/physician-resources/solutions-managing-your-practice/coding-billing-insurance/cpt.shtml	
Producer	American Medical Association	
Use	Procedure classification and ambulatory billing	
Organization	Hierarchical	
Code type	Structured	
Number of codes	~7,800	
Examples	47600	Cholecystectomy
	47562	Laparoscopy, surgical; cholecystectomy

Current Drug Terminology

Full name	National Drug Codes	
URL	www.accessdata.fda.gov/scripts/cder/ndc/default.cfm	
Producer	FDA	
Use	ePrescribing and Claims	
Organization	Hierarchical	
Code type	Structured	
Number of codes	~75,000	
Examples	00093-0150	ACETAMINOPHEN AND CODEINE PHOSPHATE TABLETS 300;30MG;MG
	00093-0150-01	ACETAMINOPHEN AND CODEINE PHOSPHATE TABLETS 300;30MG;MG; 100 TABLETS/BOT

RxNORM

Full name	RxNORM
URL	www.nlm.nih.gov/research/umls/rxnorm/overview.html
Producer	National Library of Medicine
Use	Clinical medications, CPOE
Organization	Ontology
Code type	Opaque
Number of codes	>850,000
Examples	996965 Acetaminophen 300 MG / Codeine Phosphate 30 MG Oral Capsule

Full name	Logical Observation Identifiers Names and Codes
URL	www.loinc.org
Producer	Regenstrief Institute
Use	Laboratory order, results, clinical documents and sections, form fields
Organization	Ontology*
Code type	Opaque
Number of codes	>30,000
Examples	41995-2 Hemoglobin A1c
	34133-9 Summary of Episode Note
	11450-4 Problem list

SNOMED CT®

Full name	SNOMED CT®	
URL	www.ihtsdo.org	
Producer	IHTSDO	
Use	Clinical care	
Organization	Ontology	
Code type	Opaque	
Number of codes	~ 1,000,000	
Examples	45595009	laparoscopic cholecystectomy
	22298006	myocardial infarction
	412556009	acetaminophen + codeine
	43396009	Hemoglobin A1c measurement
	303175008	H1N1
	244230008	left aortic arch

UCUM

Full name	Unified Code for Units of Measure
URL	http://www.unitsofmeasure.org/
Producer	Regenstrief Institute
Use	Measurement units
Organization	Grammar
Code type	N/A
Number of codes	~ 200 atoms, infinite codes
Examples	m/s ² Meters per second squared
	mg/dL Milligrams per deciliter

HL7 Version 3

Full name	Health Level 7 Version 3 Vocabulary	
URL	http://www.hl7.org/v3ballot/html/welcome/environment/index.html	
Producer	Health Level 7 International, Inc.	
Use	Various	
Organization	Hierarchy	
Code type	Mnemonic	
Number of codes	? (more than 150 code systems)	
Examples	EVN	Event Mood (MoodCode)
	MTH	Mother (RoleCode)