



Indiana University Health

ICD-10 Physician Education

Advanced Heart and Lung Care Center

Training Objectives

- ICD-9 to ICD-10 Comparison
- Documentation Tips
- Additional Educational Opportunities
- Questions

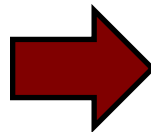
ICD-9 to ICD-10 Comparison

What Will Change		What Remains the Same
Code Structure	Up to 7 characters	DRGs
	Alpha-numeric codes	CPT, HCPCS, E&M Codes
Diagnosis Code Volume	14,025 to 69,823	Reimbursement methodology (awaiting finalization)
		Coders can only assign codes based on provider documentation

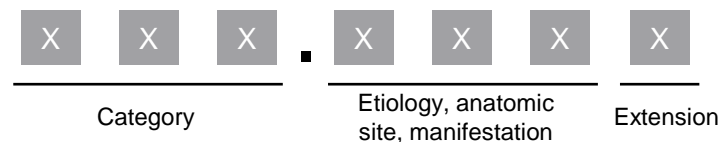
Diagnosis Code Structural Change

Reference: CMS

ICD-9



ICD-10-CM



Atherosclerosis

- Location
 - Native artery vs bypass graft (biological vs non-biologic)
 - Laterality (when applicable)
- Manifestations
 - Angina
 - Stable, unstable, new onset
 - Supply or demand causes
 - Presence of documented spasm

Common Cardiac Diseases

- Heart Failure
 - Acute, chronic or both
 - Systolic, diastolic, or both
- Pericarditis
 - Acute, idiopathic, constrictive
- Myocarditis
 - Idiopathic, septic
- Valve disorders
 - Identify valve
 - Stenosis, insufficiency, both
- Atrioventricular Block
 - First degree, second degree, complete, other
 - 426.50 (bundle branch block) translates to atrioventricular blocks in ICD-10
- Atrial Fibrillation *expansion*
 - Paroxysmal, chronic, persistent, unspecified
- Atrial Flutter *expansion*
 - Persistent, typical, atypical, unspecified

Expansion of Cardiac Diagnoses

- Certain sequelae of myocardial infarction, not elsewhere classified, other *expansion*
 - I23.0** – Hemopericardium as current complication following acute myocardial infarction
 - I23.3** – Rupture of cardiac wall without hemopericardium as current complication following acute myocardial infarction
 - I23.6** – Thrombosis of atrium, auricular appendage and ventricle as current complications following acute myocardial infarction
 - I23.7** – Postinfarction angina
 - I23.8** – Other current complications following acute myocardial infarction

Expansion of Cardiac Diagnoses, cont...

- Acute venous embolism and thrombosis of unspecified deep vessels of lower extremity *expansion*
 - I82.401** – Acute embolism and thrombosis of unspecified deep veins of lower right extremity
 - I82.402** – Acute embolism and thrombosis of unspecified deep veins of lower left extremity
 - I82.403** – Acute embolism and thrombosis of unspecified deep veins of lower extremity, bilateral
 - I82.409** – Acute embolism and thrombosis of unspecified deep veins of unspecified lower extremity

Additional Comorbid Conditions

- Diabetes
 - Type
 - Manifestations
 - Long-term use of insulin
 - Insulin pump
 - Gestational
- Anemia
 - Etiology/Type
 - Due to chronic disease
- Tobacco
 - Identify product *new concept*
 - Identify use, abuse, or dependence
- Overweight, obesity, morbid obesity
 - Specify BMI
- Obstructive sleep apnea

Additional Comorbid Conditions, cont...

- Chronic Kidney Disease
 - Stage or ESRD
 - Link etiology
 - Manifestations
 - Usage of dialysis
- COPD
 - Identify underlying condition(s)
 - Exacerbation/
decompensation
 - Identify acute infections

Signs and Symptoms

- Site/Laterality/Quadrant
 - Abdominal tenderness
 - Abdominal/pelvic swelling, mass, lump
 - Abdominal rigidity
 - Abdominal pain
- Edema *expansion*
 - Localized,
 - Generalized
 - Unspecified
- Chest Pain
- Other respiratory abnormalities *expansion*
 - Periodic breathing
 - Snoring
 - Dyspnea
 - Other abnormalities of breathing
- Gangrene
 - Link to underlying etiology
 - Diabetes (peripheral angiopathy)
 - Atherosclerosis (bypass graft)
 - Laterality (when applicable)

Complications of Devices or Grafts

- Type of device or graft
- Complication type
 - Breakdown
 - Displacement
 - Embolism
 - Failure
 - Hemorrhage
 - Infection
 - Leakage
 - Rejection
 - Thrombosis
- Identify:
 - Episode of care (from the patient's perspective)
 - Initial (presentation)
 - Subsequent (routine or delayed healing)
 - Sequela (late effect after initial injury/event has healed)

Z Codes (Formerly V Codes)

- Encounter for immunization
new concept
 - All immunizations will utilize the same diagnosis code
- Encounter for observation for medical examination: *expansion*
 - With or without abnormal findings
- Long-term usage of anticoagulants
- Status (postprocedural)
 - PTCA
 - Organ Transplant
 - Device Insertion
 - Defibrillator / Pacemaker
- Awaiting Organ Transplant Status (Z76.82)



Additional Educational Opportunities

- Physician/Provider Foundation training
- Specialty/Service Line meetings
- ICD-10 Website

<http://iuhicd10.iuhisclinicaleducation.org/>

Questions



ICD10@iuhealth.org