

MHDDS Users Group Meeting

Mar 2014

The Montana Hospital Discharge Data System





Data Use Agreement

- Outlines data use
 - Stored in secure directory
 - Do not release to third parties
 - Guidelines for release



Data Use Agreement

- Statewide guidelines
 - Rates for 20 or more event
 - Discretionary for less than five



Data Use Agreement

- Stratified guidelines
 - No counts less than five
 - Institutional confidentiality



Data Use Agreement

- If it's released to the anyone without an agreement, it's released to the public





International Classification of Diseases (ICD)

- Codes
 - Epidemiology
 - Billing
 - Meaningful use



International Classification of Diseases (ICD)

- Urticaria due to penicillin
 - 708.0 Allergic urticaria
 - E930.0 Penicillins



International Classification of Diseases (ICD)

- ICD-9-CM to ICD-10-CM
 - Oct 1, 2014 – transition date



International Classification of Diseases (ICD)

- ICD – 9: 15,000 codes
- ICD – 10: 70,000 codes



International Classification of Diseases (ICD)

- “Included among these codes will be 312 new codes for injuries from animals; 72 new codes for injuries just from birds; 9 new codes for ‘injuries from the macaw.’” – Rand Paul



International Classification of Diseases (ICD)



International Classification of Diseases (ICD)

- ICD-10-AM (Australia)
- ICD-10-CA (Canada)
- ICD-10-GM (Germany)
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- ICD-10-CM (USA)



International Classification of Diseases (ICD)

- Canadian modification
 - W21 was expanded with 5th digits to identify Striking against or struck by ball (W21.00), bat (W21.01), **hockey stick** (W21.02), **hockey puck** (W21.03), other specified sport equipment (W21.08) and other unspecified sport equipment (W21.09)



International Classification of Diseases (ICD)

- Basic structure
 - Digits 1-3 will now refer to the category
 - Digits 4-6 will cover clinical details such as severity, etiology, and anatomic site (among others), and are either alphabetic or numeric
 - Digit 7 will serve as an extension when necessary, and will be either alphabetic or numeric

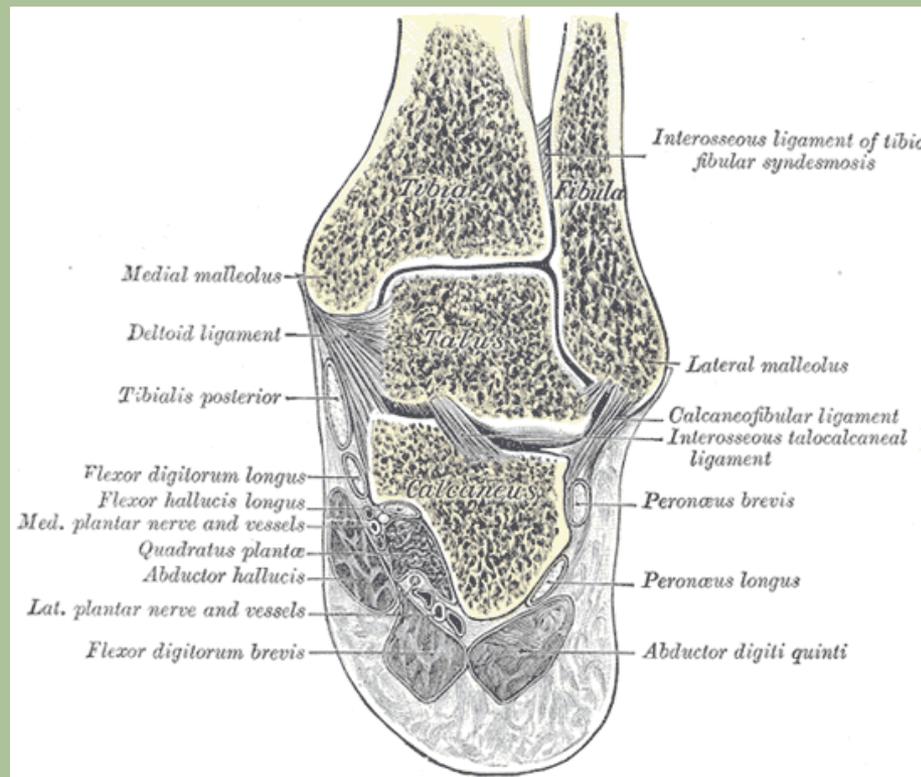


Structure of ICD-10



International Classification of Diseases (ICD)

- ICD-9: [824.0](#) Fracture of medial malleolus, closed; [824.1](#) open



International Classification of Diseases (ICD)

- ICD-10-CM:
- [S82.5](#) Fracture of medial malleolus
- [S82.51](#) Displaced fracture of medial malleolus of right tibia
- [S82.51XA](#) initial encounter for closed fracture
- [S82.51XB](#) initial encounter for open fracture type I or II
- [S82.51XC](#) initial encounter for open fracture type IIIA, IIIB, or IIIC
- [S82.51XD](#) subsequent encounter for closed fracture with routine healing
- [S82.51XE](#) subsequent encounter for open fracture type I or II with routine healing
- [S82.51XF](#) subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing
- [S82.51XG](#) subsequent encounter for closed fracture with delayed healing
- [S82.51XH](#) subsequent encounter for open fracture type I or II with delayed healing
- [S82.51XJ](#) subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
- [S82.51XK](#) subsequent encounter for closed fracture with nonunion
- [S82.51XM](#) subsequent encounter for open fracture type I or II with nonunion
- [S82.51XN](#) subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
- [S82.51XP](#) subsequent encounter for closed fracture with malunion
- [S82.51XQ](#) subsequent encounter for open fracture type I or II with malunion
- [S82.51XR](#) subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
- [S82.51XS](#) sequela

It goes on....



International Classification of Diseases (ICD)

- Transition
 - Initial versus subsequent encounter
 - Laterality
 - Displaced



International Classification of Diseases (ICD)

- [S82](#): Fracture of lower leg, including ankle
 - S82.5: Fracture of medial malleolus
 - S82.51 Displaced ... of right tibia
 - S82.51XA initial encounter for closed fracture



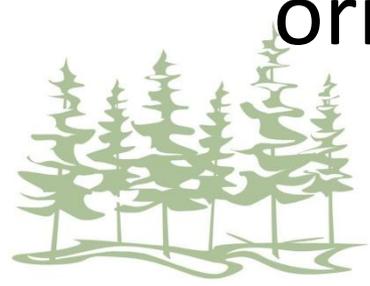
Examples of ICD-10-CM Specificity

- ▶ Diabetes mellitus (ICD-9-CM category 250) has been split into different category codes in ICD-10-CM
 - E08 Diabetes mellitus due to underlying condition
 - E09 Drug or chemical induced diabetes mellitus
 - E10 Type 1 diabetes mellitus
 - E11 Type 2 diabetes mellitus
 - E13 Other specified diabetes mellitus
- ▶ Diabetes mellitus codes are expanded to include the classification of the diabetes and the manifestation
 - E08.22, Diabetes mellitus due to an underlying condition with diabetic chronic kidney disease
 - E09.52, Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene
 - E10.11, Type 1 diabetes mellitus with ketoacidosis with coma
 - E11.41, Type 2 diabetes mellitus with diabetic mononeuropathy



International Classification of Diseases (ICD)

- Crosswalk (GEM)
 - Approximate vs identical
 - Combination
 - Example: T15.00xS Foreign body in cornea, unspecified eye, sequela to 908.5 Late effect of foreign body in orifice



International Classification of Diseases (ICD)

- More information:
 - <http://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-Topics/Data-and-Systems/ICD-Coding/ICD-10-Final-Regulation-and-Training.html>



