

ICD-10-CM: A Primer

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Alan L. Plummer, MD, FCCP

Professor of Medicine

Pulmonary, Allergy & Critical Care Division

Emory University School of Medicine

DISCLOSURE

Dr. Plummer has declared no conflicts of interest related to the content of his presentation.

Disclaimer

Professor of Medicine, Emory University School of Medicine

Editor, *ATS Coding & Billing Quarterly*

ATS RUC Advisor

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Keys to Successful Coding & Billing

Documentation + Proper Coding =

Successful Billing

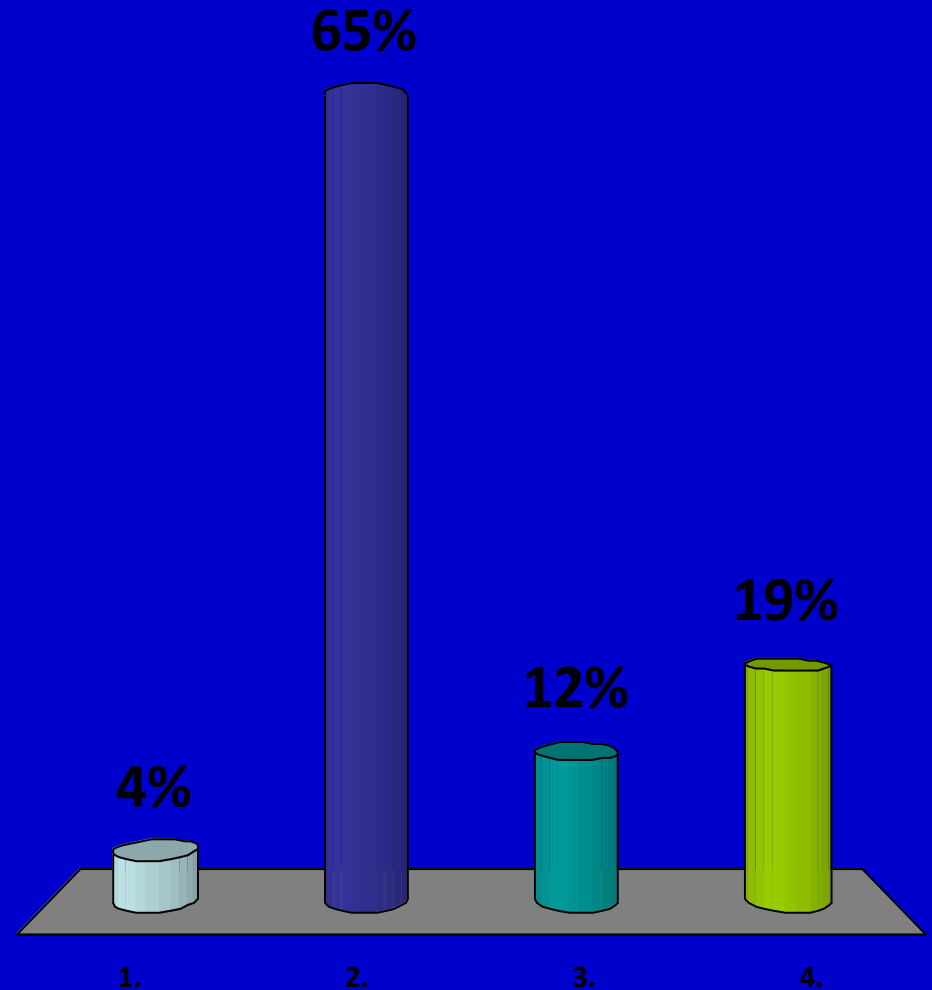
Question One

On which date will ICD-10-CM have to be used?

1. July 1, 2014
2. October 1, 2014
3. January 1, 2015
4. October 1, 2015

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ICD-10-CM

- ICD-10 developed by WHO in 1989 & released in 1994.
- US implemented it for mortality reporting on January 1, 1999.
- NCHS developed the US clinical modification for diagnosis: ICD-10-CM.
- CMS developed a procedure code set: ICD-10-PCS (Hospital coding only).

ICD-10-CM

- October 1, 2014 **all** MDs will have to use it.
- ICD-9-CM will cease to exist at midnight 9/30/2014.
- October 1, 2011 upgrade in ICD-9-CM was the **last revision** for ICD-9-CM.
- **No** ICD-9-CM coding changes planned for 2014.
- ICD-10-CM will be used in **all** clinical settings: inpatient and outpatient.

ICD-10-CM

- AMA has been able to delay ICD-10 twice since 2009 & is still trying to delay it.
- CMS is **adamantly against** another delay.
- Hospitals and other vendors want ICD-10.
- There is a bill before Congress to delay ICD-10-CM which is the last hope for a delay.
- Currently this bill is not picking up any steam for passage, but a new bill was introduced this week.

ICD-10-CM

ICD-9-CM	ICD-10-CM
3-5 characters in length	3-7 characters in length
~13,000 codes	~68,000 codes
Numeric codes except for E and V codes	Alphanumeric codes
Limited space for new codes	Flexible for adding new codes
Lacks detail	Very specific
Lacks laterality	Has laterality

ICD-10-CM Benefits

- **Flexible**: can quickly incorporate emerging diagnoses.
- More **specificity** for precise diagnosis.
- Improved ability to measure health care services.
- Supports improved public health surveillance.
- Reflects advances in medicine & medical technology.
- Uses current medical terminology.

ICD-10-CM Use in Other Countries

- No procedure code set.
- **Not** used for reimbursement.
- Govt. funding helped pay for implementation.
- Went from **no** coding standard to ICD-10.
- Rolled out in phases across each country.
- Implemented for inpatient facilities only.
- Less codes than US modification.

ICD-10-CM Implementation Steps

- Step 1: Conduct impact analysis
- Step 2: Contact your software vendors
- Step 3: Contact your billing service
- Step 4: Contact your payers
- Step 5: Undergo installation of system upgrades
- Step 6: Conduct internal testing
- Step 7: Update internal processes
- Step 8: Conduct staff training
- Step 9: Conduct external testing w trading partners
- Step 10: Make the switch to ICD-10-CM

ICD-10-CM Implementation Steps

- To ensure a smooth transition from ICD-9 to ICD-10, steps for implementation should be well underway.
- You have 6 months before 10/01/2014.
- A team to facilitate the implementation should be in place and functioning.
- By now, the team should have started or accomplished Steps 1-4.

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ICD-10-Implementation Steps

- Coders should already be in training for the use of ICD-10-CM.
- Coder training should be finished by 8/01.
- ICD awareness campaign should begin in April-May 2014.
- Specialty-specific training should have started.
- MD, provider training should start by 8/01.

ICD-10-CM Implementation Steps

- By August 1st Steps 1-9 should be finished
- External testing with trading partners and vendors should be thorough & completed well before 10/01.
- Master billing sheets for each specialty **should be finished** by 8/01.
- The **focus** should be on **MDs** and other **providers** training during August and Sept.

ICD-10-CM Implementation Steps

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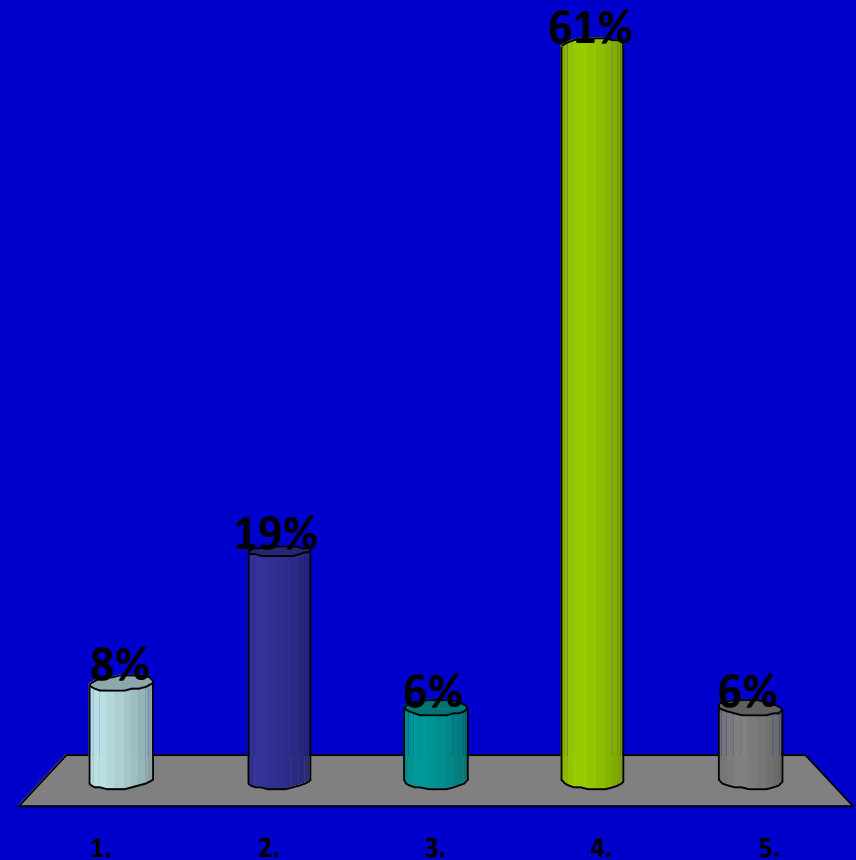
Question Two

All of the following will help a smooth transition from ICD-9 to ICD-10 except:

1. Well-organized plan for implementation.
2. Implementation completed by 8/01
except for MD & other provider training.
3. Coder training.
4. Start MD & provider training on 9/01.
5. Have Master Bill completed by 8/01.

All of the following will help a smooth transition from ICD-9 to ICD-10 except:

1. Well-organized plan for implementation.
2. Implementation completed by 8/01 except for MD & other provider training.
3. Coder training.
- ✓ 4. Start MD & provider training on 9/01.
5. Have Master Bill completed by 8/01.



ICD-10-CM Documentation

- Documentation in the chart **must support** the diagnosis code submitted on the claim.
- Higher level of detail in ICD-10-CM may require more detailed documentation.
 - Greater detail about patient's condition
 - More information about initial treatment or follow-up care.
 - Documentation of ABGs.

Learning ICD-10-CM Codes

- ID top 10-30 codes used in your practice.
 - Look at ICD-10-CM codes for these diagnoses.
 - ID documentation needs for coding.
 - ID impact to your practice.
- Base type & amount of training on the person's use of diagnosis codes.
- Update master bill to ICD-10-CM.
- Use coding resources (ICD-10 book, etc).

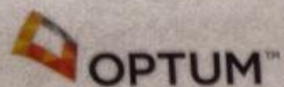
ICD-10-CM

The Complete Official Draft Code Set



ICD-10

A full suite of resources including the latest code set, mapping products, and expert training to help you make a smooth transition.
www.optumcoding.com/ICD10

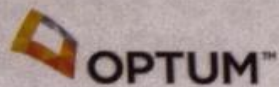


ICD-9-CM Professional for
Physicians—Volumes 1 & 2

2013

Copies valid
Oct. 1, 2012,
through
Sept. 30, 2013

INGENIX.



ICD-10-CM
The Complete Official
Draft Code Set

2014

ICD-10-CM Reimbursement

- Payers will be updating their payment policies.
- Payer contracts have fee schedules & reimbursement rates tied to diagnosis codes.
- “Financial neutrality”

ICD-10-CM Financial Costs

- Updates to systems
- Replacement of forms
- Training
- Coding tools: books, software programs, etc.
- Downtime
- Decrease in productivity
- Other administrative costs

ICD-10-CM: Talk to Payers

- Do you plan to change your reimbursement rates or fee schedule with ICD-10-CM?
- Do you plan to re-negotiate your contracts for ICD-10-CM?
- If so, are you going to re-negotiate your contracts when they are up for renewal or prior to that date?
- What impacts will ICD-10-CM have on your fee schedule?
- What impacts will ICD-10-CM have on your medical review, auditing, and coverage?

ICD-10-CM Costs

Study from 2008 estimated that costs to implement ICD-10 would be:

- \$83,290 for small practices.
- \$285,195 for medium practices.
- \$2,728,780 for large practices.

Small = 3 MDs, 2 administrative staff.

Medium = 10 MDs, 1 coder, 6 admin staff. Large = 100 MDs, 10 coders, 10 admin staff.

ICD-10-CM Costs

- AMA study 2/14/2014 estimates costs:
- Small practices: \$56,639 - \$226,105.
- Medium practices: \$213,364 - \$824,735.
- Large practices: \$2,017,151 - \$8,018,364.
- High cost items: Vendor/software updates (0 - \$60K, 0 - \$200K, 0 - \$2,000K) & testing (\$15.2K - \$28.8K, \$47.9K - \$93.1K, \$428.7K - \$880.7K).

ICD-10-CM Costs

- Productivity Loss: \$8.5K - \$20.3K, \$72.7K - \$166.7K, \$726.5 - \$1,666.5K.
- Payment Disruption: \$22.6K - \$100.4K, \$75.3 – \$334.5K, \$752.6 - \$3,345K
- **Lower** costs by proper planning and implementation.
- **Lower** costs by having vendor/upgrade contracts which place costs on vendors.

ICD-10-CM

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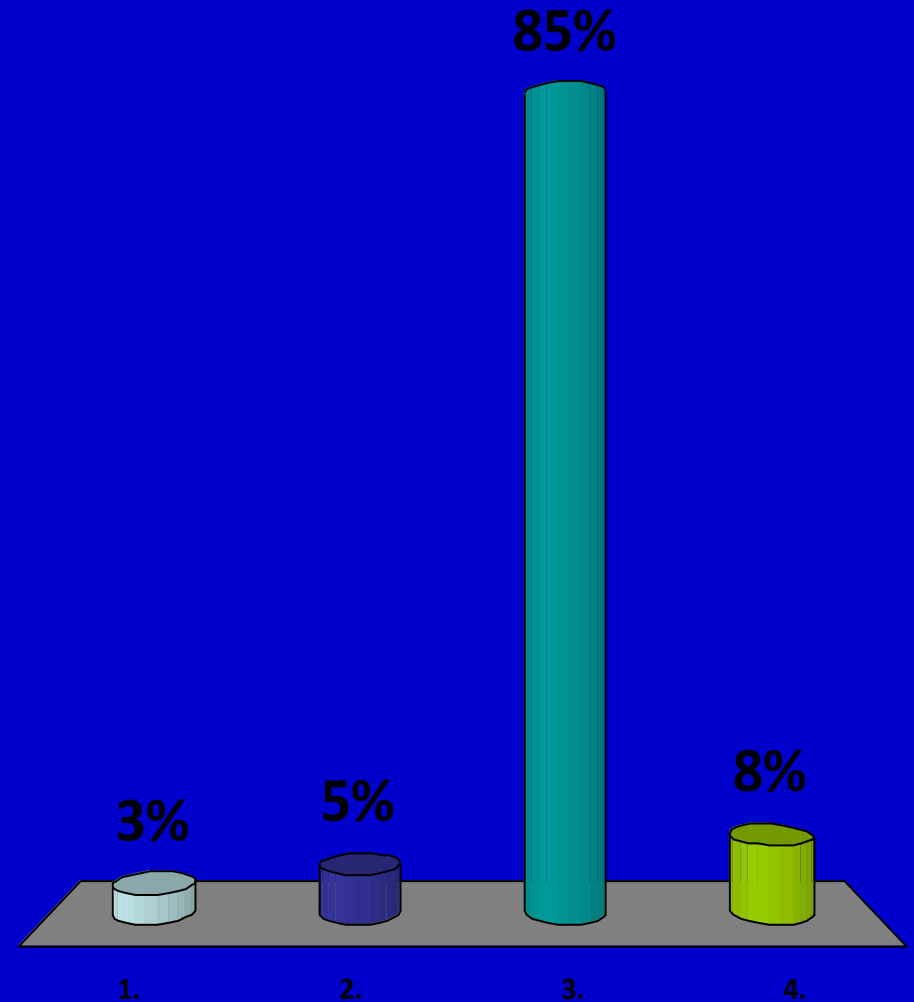
Question Three

Which of the following statements is true about ICD-10-CM?

1. It is an update of ICD-9-CM.
2. Has 13,000 codes.
3. Uses alphanumeric codes.
4. Lacks flexibility and specificity.

Which of the following statements is true about ICD-10-CM?

1. It is an update of ICD-9-CM.
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- ✓ 3. Uses alphanumeric codes.
4. Lacks flexibility and specificity.



ICD-10-CM Cross-Walking with ICD9- CM

- **Forward** from ICD-9-CM to ICD-10-CM.
- **Backward** from ICD-10-CM to ICD-9-CM.
- **No** single crosswalk.
- NCHS & CMS developed the General Equivalency Mappings (GEMs).
- CMS has developed reimbursement maps.

ICD-10-CM Cross-Walking

- **No** ability to always have a 1:1 map between ICD-9-CM and ICD-10-CM.
- Mappings can be 1:1, 1:many, many:1, 1:none.
- Some concepts changed between ICD-9-CM & ICD-10-CM.
- If new concept in ICD-10-CM, can't be mapped to an ICD-9-CM code.

ICD-10-CM Cross-Walk Example

It is October 1, 2014. You see a patient with proven idiopathic pulmonary fibrosis (516.31). Your new ICD-10-CM book has **not** arrived yet. You have to use an ICD-10-CM code. What do you do?

Easiest solution: Look in 2014 ICD-9-CM book for 516.31 and the cross-walk should be there.

Alternative solution: Bring up ICD-10-CM on www.cdc.gov/nchs/icd.htm or www.roadto10.org/ and find the idiopathic pulmonary fibrosis code (J84.112).

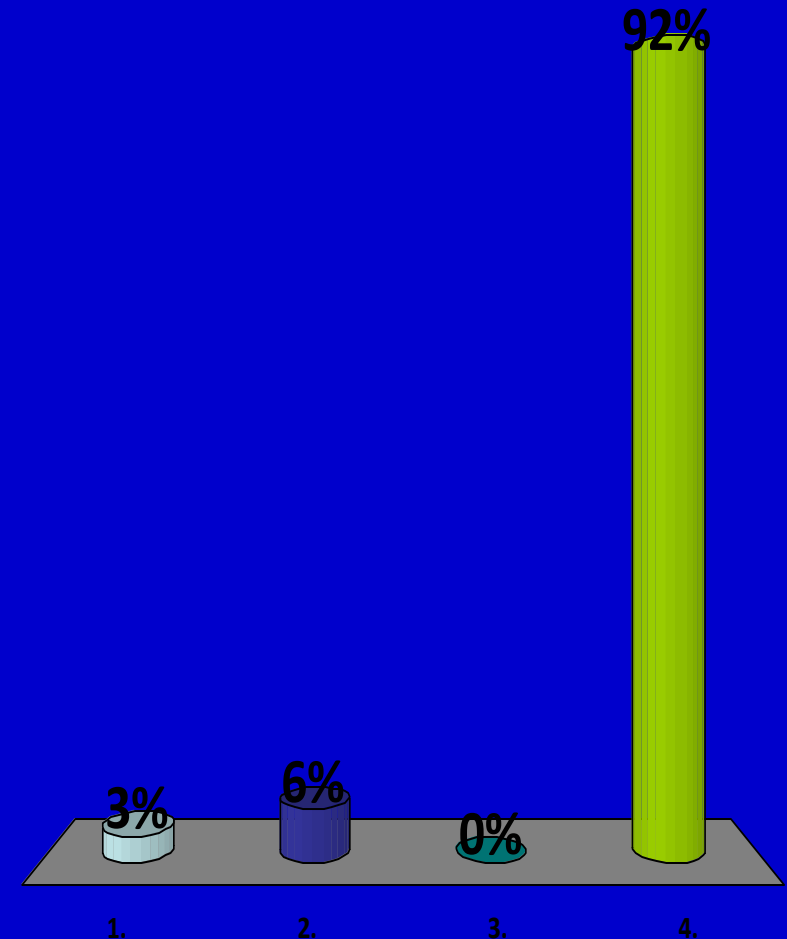
Question Four

Which of the following statements is **not** true about cross-walking codes?

1. Cross-walks are available for going from ICD-9-CM to ICD-10-CM.
2. Cross-walks are available for going from ICD-10-CM to ICD-9-CM.
3. General Equivalency Mappings (GEMs) help you cross-walk codes.
4. 1:1 cross-walks are always available when moving from one coding system to the other.

Which of the following statements is **not** true about cross-walking codes?

1. Cross-walks are available for going from ICD-9-CM to ICD-10-CM.
2. Cross-walks are available for going from ICD-10-CM to ICD-9-CM.
3. General Equivalency Mappings (GEMs) help you cross-walk codes.
- ✓ 4. 1:1 cross-walks are always available when moving from one coding system to the other.



ICD-10-CM COPD Codes

- **ICD-9-CM Codes:**

- 491.20 Obstruc. Chr. Bronchitis, w/o exac.

- 491.21 Obstruc. Chr. Bronchitis, w exac.

- 491.22 Obstruc. Chr. Bronchitis, w acute bron

- **ICD-10-CM Codes:**

- J44.9 Chr. Obst. Pulm. Dis., unspecified

- J44.1 Chr. Obst. Pulm. Dis., w exacerbation

- J44.0 Chr. Obst. Pulm. Dis., w acute bronchitis

ICD-10-CM COPD Codes

- In this coding group, there is almost a direct cross-walk from ICD-9 to ICD-10.
- 492.20 to J44.9 COPD, unspec.
- 491.21 to J44.1 COPD, w exac.
- 491.22 to J44.0 COPD, w acute bronchitis.
- **Not** an exact cross-walk due to the change from Obs. Chronic Bronchitis to COPD.

ICD-10-CM COPD Codes

- J44.9 COPD, unspecified (includes asthma with COPD, chronic bronchitis w emphysema, chronic obstructive asthma).
- Code also type of asthma.
- Use additional code to identify:
 - Z87.891 Hx of tobacco use
 - Z72.0 Tobacco use
 - F17.- Tobacco dependence

ICD-9-CM Emphysema Codes

- 492.0 Emphysematous bleb
- 492.8 Other emphysema
 - Centrilobular
 - Panlobular
 - Unilateral
 - MacLeod's Syndrome
 - Swyer-James Syndrome
 - Unilateral hyperlucent lung

ICD-10-CM Emphysema Codes

- J43 Emphysema
 - J43.0 Unilateral emphysema, MacLeod's
 - J43.1 Panlobular emphysema
 - J43.2 Centrilobular emphysema
 - J43.8 Other emphysema
 - J43.9 Emphysema, unspecified
- **Not** a direct cross-walk, since only one ICD-9 code, 492.8

COPD Coding: Case One

A former smoker **without** airflow limitation is seen in the office. Mild centrilobular emphysema is demonstrated on chest CT. What ICD codes would you use?

ICD-9-CM: 492.8 Emphysema, unspecified
V15.82 Hx of tobacco use

ICD-10-CM: J43.2 Centrilobular emphysema
Z87.891 Hx of tobacco use

COPD Coding: Case Two

A patient with long-standing asthma on ICS with LABA and albuterol is seen for an evaluation and is found to have mild airflow limitation on PFTs.

What ICD codes would you use?

ICD-9-CM: 493.20 (Obstructive asthma)

ICD-10-CM: J44.9 (COPD, unspecified)

J45.40 (Moderate, persistent asthma, uncomplicated)

ICD-9-CM Asthma Codes

- 493.00 Extrinsic asthma
- 493.01 Extrinsic asthma, status asthmaticus
- 493.02 Extrinsic asthma, acute bronchitis
- 493.10 Intrinsic asthma
- 493.11 Intrinsic asthma, status asthmaticus
- 493.12 Intrinsic asthma, acute bronchitis
- 493.20 Obstructive asthma, unspecified
- 493.90 Asthma, unspecified
- 493.91 Asthma, unspecified, status asthmaticus
- 493.92 Asthma, unspecified, acute bronchitis
- 493.81 Exercise-induced bronchospasm
- 493.82 Cough variant asthma

ICD-10-CM Asthma Codes

- J45.20 Mild intermittent asthma, uncomplicated
- J45.21 Mild intermit. asthma, w acute exacerbation
- J45.22 Mild intermit. asthma, status asthmaticus
- J45.30 Mild persistent asthma
- J45.31 Mild persistent asthma, w acute exacerbation
- J45.32 Mild persistent asthma, status asthmatic.
- J45.40 Moderate persistent asthma
- J45.41 Mod. persistent asthma, w acute exacerbation
- J45.42 Mod. persistent asthma, status asthmaticus
- J45.50 Severe persistent asthma
- J45.51 Severe persistent asthma, w acute exacerbation
- J45.52 Severe persistent asthma, status asthmaticus

ICD-10-CM Asthma Codes

- J45.90 Unspecified asthma
- J45.901 Unspecified asthma, w acute exacerbation
- J45.902 Unspecified asthma, status asthmaticus
- J45.909 Unspecified asthma, uncomplicated
- J45.990 Exercise-induced bronchospasm
- J45.991 Cough variant asthma
- J45.998 Other asthma

ICD-10-CM Asthma Codes

- **No** direct cross-walks for **most** of asthma codes, since severity of asthma important for the ICD-10-CM asthma codes.
- 493.90 to J45.90 Unspecified asthma.
- 493.91 to J45.902 Unspec. Asthma w stat.
- 493.92 to J45.901 Unspec. Asthma w acute bronchitis.
- 493.81 to J45.990 Ex. Induced asthma.
- 493.82 to J45.991 Cough variant asthma.

Asthma Coding Case

A patient with life-long allergic asthma on ICS with LABA, albuterol and Singulair w frequent bursts of oral steroids is seen in the office for an acute exacerbation. What ICD code would you use for this patient?

ICD-9-CM code: 493.01 (Extrinsic asthma with acute exacerbation)

ICD-10-CM code: J45.51 (Severe, persistent asthma w acute exacerbation)

Respiratory Failure Codes

- 518.81 Acute respiratory failure
- 518.82 ARDS
- 518.83 Acute & chronic respiratory failure
- 518.84 Chronic respiratory failure

Respiratory Failure Codes

- J80 ARDS
- J96 Respiratory Failure, NEC
- J96.0 Acute respiratory failure
 - J96.00 ARF, unspecified whether w hypoxia or hypercapnia
 - J96.01 ARF w hypoxia
 - J96.02 ARF w hypercapnia

Respiratory Failure Codes

- J96.1 Chronic respiratory failure
 - J96.10 CRF, unspecified whether w hypoxia or hypercapnia
 - J96.11 CRF w hypoxia
 - J96.12 CRF w hypercapnia
- J96.2 Acute & chronic respiratory failure
 - J96.20 ARF & CRF, unspecified
 - J96.21 ARF & CRF w hypoxia
 - J96.22 ARF & CRF w hypercapnia

Respiratory Failure Codes

- J96.9 Respiratory failure, unspecified
 - J96.90 RF, unspecified whether w hypoxia or hypercapnia
 - J96.91 RF, unspecified w hypoxia
 - J96.92 RF, unspecified w hypercapnia

Respiratory Failure Codes

- Cross-walks are available.
- 518.81 to J96.0 or J96.00 Acute respiratory failure.
- 518.82 to J80 ARDS.
- 518.83 to J96.2 or J96.20 Acute and chronic respiratory failure.
- 518.84 to J96.1 or J96.10 Chronic respiratory failure.

Respiratory Failure Coding: Case One

A patient with acute bronchitis and a low SpO₂ is admitted to the ICU. What ICD codes would you use?

ICD-9-CM: 518.81 (ARF)

466.0 (Acute bronchitis)

ICD-10-CM: J96.01 (ARF w hypoxia)

J20.9 (Acute bronchitis,
unspecified)

Respiratory Failure Coding: Case Two

A patient with chronic bronchitis and emphysema on LAMA, LABA, ICS, albuterol and long-term O2 therapy is seen in the office for follow-up. What ICD codes would you use?

ICD-9-CM: 518.84 (CRF)

491.20 (Obstructive CB)

ICD-10-CM: J96.11 (CRF w hypoxia)

J44.9 (COPD, unspecified)

ICD-10-CM Resources

- AMA: www.ama-assn.org/go/ICD-10
- CMS: www.roadto10.org/
- National Center for Health Statistics (NCHS)
www.cdc.gov/nchs/icd.htm
- American Academy of Professional Coders (AAPC)
www.aapc.com
- American Hospital Association (AHA) www.aha.org
- American Health Information Management Association (AHIMA) www.ahima.org

ICD-11

- WHO began work on ICD-11 in 2011.
- Pulmonary group working on Pulmonary codes, heavy input from the Japanese Pulmonologists.
- Many hurdles with the Pulmonary codes have been resolved.
- Target date for implementation is May 2015.

Conclusions

- ICD-10-CM begins at 00:00 10/01/2014.
- AMA is trying to delay or stop it.
- ICD-10-CM is **totally** different than ICD-9.
- ICD-10-CM is **alphanumeric** and contains 3 to 7 characters.
- **Plans** for implementation of ICD-10-CM should be **well** underway.
- **Costs** of implementation will be **high**, but **key planning** will **decrease** the costs.

QUESTIONS?