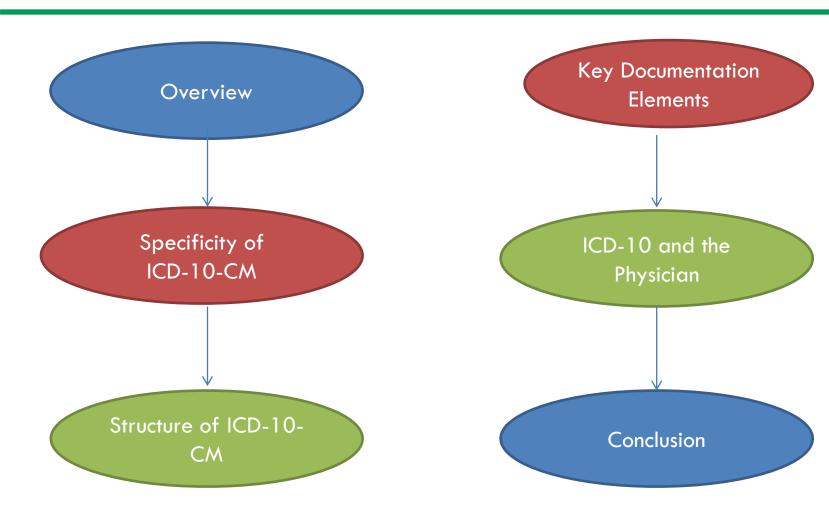
ICD-10 and Primary Care

Community Providers





Training Topics





- What is ICD-10?
- Why is ICD-9 changing?
- Areas of Improvements



What is ICD-10- CM?

The World Health Organization's (WHO)
 International Classification of Diseases has served the healthcare community for over a century. The United States implemented the current version (ICD-9) in 1979. While most industrialized countries moved to ICD-10 a number of years ago, the United States is just now transitioning with a final compliance date of October 1, 2015.

Sticky Note:

ICD-10-CM means that each diagnosis that a human being may have is given a code number designation that describes that disease, condition, or illness. ICD-10-CM codes do not describe the services performed, just the medical condition.

- The WHO's ICD-10 is a classification system for diagnosis codes only, which does not contain a procedural code set.
- ICD-10-CM (International Classification of Diseases -10th Revision-Clinical Modification) is a US clinical modification of the WHO's ICD-10, developed to support US health information needs.
- ICD-10-CM is designed for classifying and reporting diseases in all US healthcare settings.



Why is ICD-9 Changing?

ICD-9 is more than 30 years old

It cannot be expanded for new diseases

Payers cannot pay claims fairly using ICD-9, since the classification does not accurately reflect current technology

The healthcare industry cannot accurately measure the quality of care using ICD-9



- There are more total code sets in ICD-10-CM, however:
 - 50% are related to the musculoskeletal system
 - 25% are related to fractures
 - 36% distinguish 'right' vs. 'left'

Clinical areas most effected	ICD-9-CM code	ICD-10-CM code
Fractures	747	17099
Poisoning and toxic effects	244	4662
Pregnancy related conditions	1104	2155
Brain injury	292	574
Diabetes	69	239
Mood related disorders	78	<i>7</i> 1

Greater specificity means improvements in:

Quality Measurement

Greater detail to accommodate new diagnoses, technologies and procedures

Public Health

More effective at capturing health diseases and reporting disease spread



Improvement in classifying nature of injuries

Reimbursement

Better justification of medical necessity, fewer gray areas in coding



ICD-10 Claims Submission

Sticky Note:

ICD-10-CM claims submission is based on the setting and date of service for which services are provided.

Claims <u>cannot</u> be submitted with ICD-10 codes <u>prior to 10/1/2015</u>.

The table below details which code set (19 vs. 110) should be submitted on a claim based on the type of setting.

Setting	Date used	ICD-10 Code Set	Claims Processing
Ambulatory	Date of Service (DOS)	ICD-10-CM (diagnosis codes)	DOS prior to 10/1/2015 use ICD-9-CM DOS on or after 10/1/2015 use ICD-10-CM
Physician Services	Date of Service (DOS)	ICD-10-CM (diagnosis codes)	DOS prior to $10/1/2015$ use ICD-9-CM DOS on or after $10/1/2015$ use ICD-10-CM
Hospital Inpatient	Date of Discharge (DOD)	ICD-10-CM (diagnosis codes) ICD-10-PCS (procedure codes)	DOD (through date) prior to 10/1/2015 use ICD-9-CM DOD (through date) on or after 10/1/2015 use ICD-10 CM/PCS

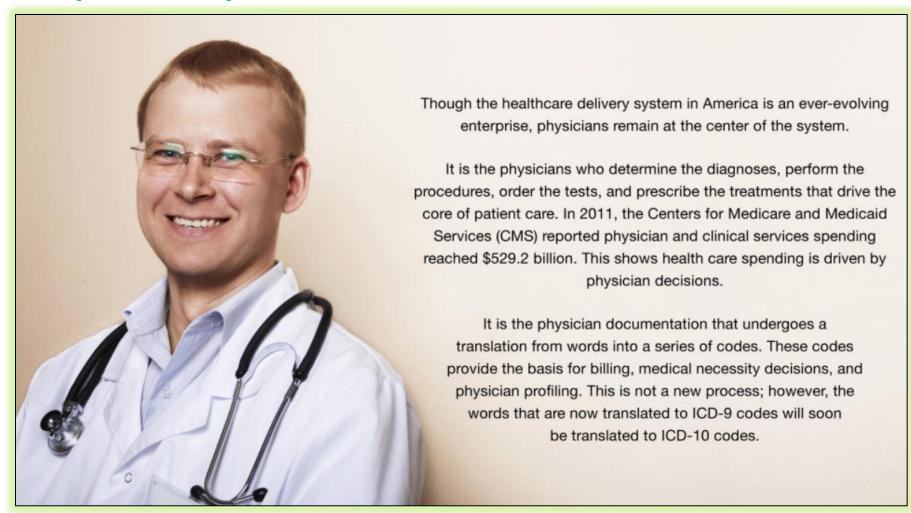
ICD-10-PCS replaces ICD-9-CM Volume 3 to report hospital inpatient resource utilization. Does not affect physician CPT reported services



Specificity of ICD-10-CM

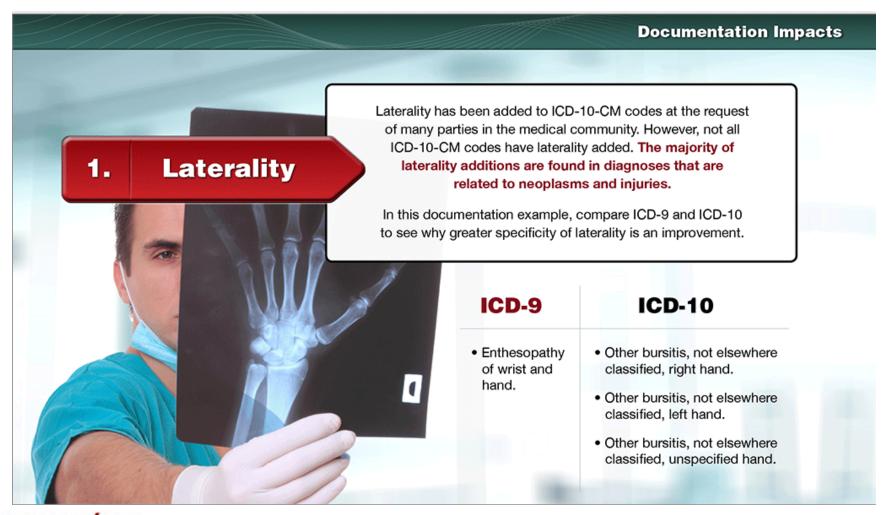
Documentation Impacts

Specificity of ICD-10-CM



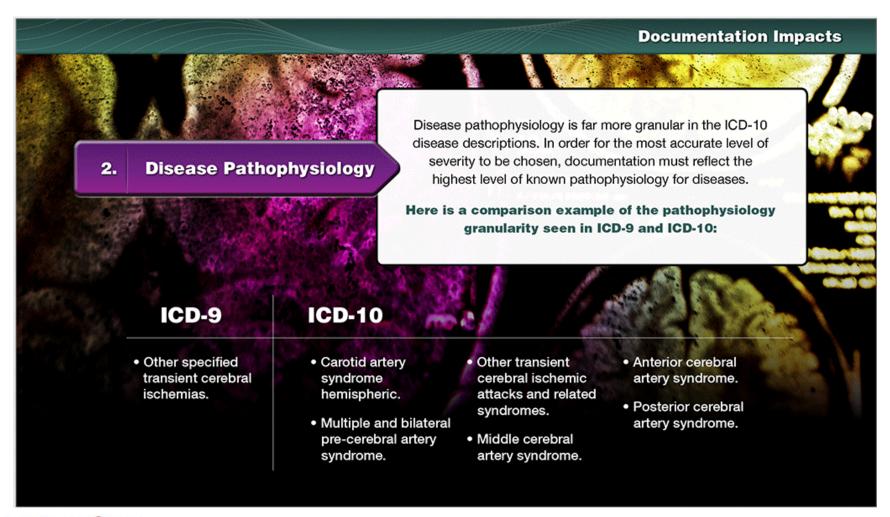










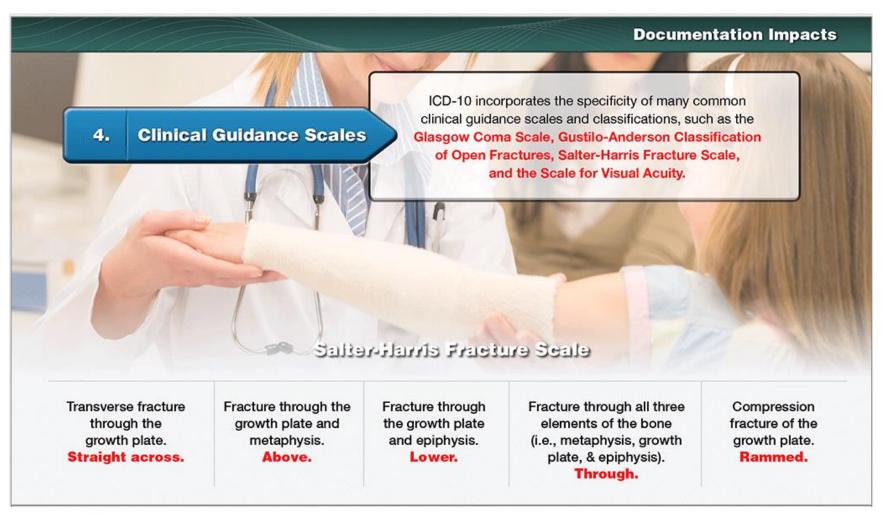




Documentation Impacts Combination codes have been created to classify **Combination Codes** 3. two diagnoses that routinely occur together-for instance, a diagnosis and its most common manifestation or complication. Here is an example of how complications and site of the disease can be combined in ICD-10: ICD-10 (C-1)-3) · Regional enteritis Crohn's disease Crohn's disease large · Crohn's disease large large intestine, intestine, with intestinal intestine, with other of large intestine. w/o complications. obstruction. complication. · Crohn's disease Crohn's disease. · Crohn's disease large intestine, large intestine, Crohn's disease large with rectal bleeding. with unspecified intestine, with fistula. complication. Crohn's disease large intestine, with abscess.

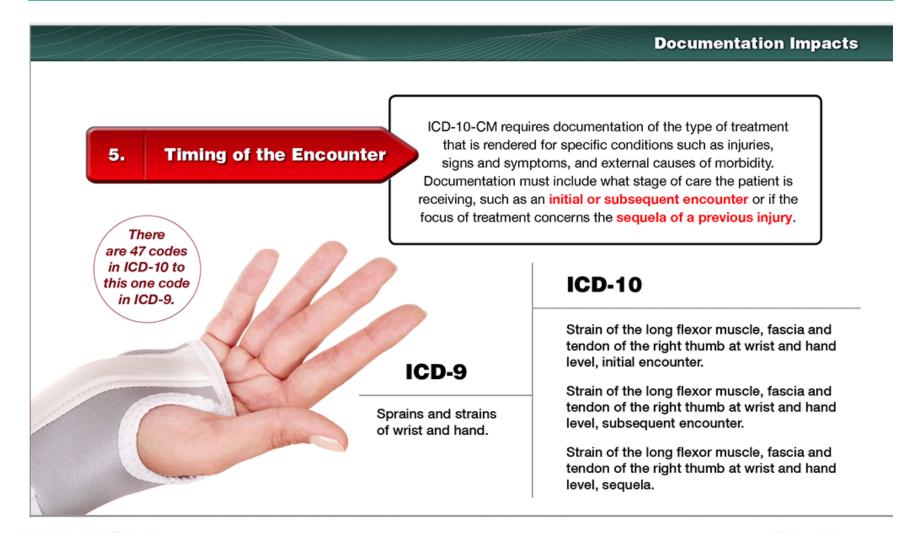












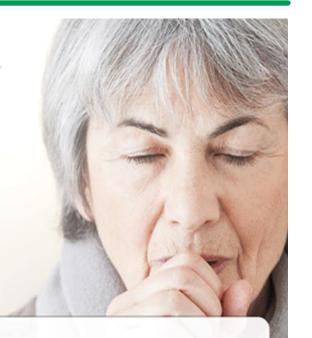


6. Acuity

It is critical to include **acuity** in our documentation to identify the severity of a patient's condition.

As an example, "acute" and "chronic" are key terms that add specificity to the medical record.

Remember that chronic disease management impacts each patient encounter in terms of management and use of goods and services.

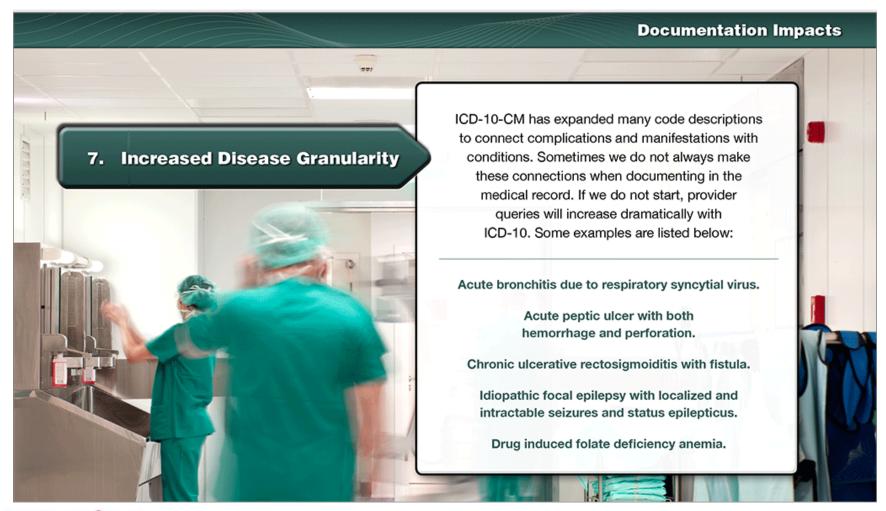


example:

Acute vs. Chronic Bronchitis

It is important to identify the acuity of bronchitis to support diagnostics provided and treatment rendered.









Documentation Impacts

8. X Placeholders

In ICD-10-CM, the most common length of a code will be four characters; however, the system is built to support seven. The additional characters were created to allow growth with medical advances and to identify specific details of a patient encounter, such as greater disease specificity, injuries, or care history.

When the seventh character is used, but the fifth and/or sixth are not needed, an X placeholder value is used to allow billing and reporting software to work.

FOR EXAMPLE:

S03.0xxD equates to dislocation of the jaw with subsequent encounter. Because we need to report this as the subsequent visit for this encounter, and due to the brevity of the code, the XXs fill the gaps for electronic reporting.

T43.1x1A equates to accidental poisoning by monoamine-oxidase-inhibitor antidepressants in an initial encounter. The X is used as a placeholder.





Documenting in ICD-10-CM

Note that the characters have been color-coded to show the documentation specificity required: CONDITION ICD-9-CM ICD-10-CM T82.818A Embolism Vascular Prosthetic Devices, Implants & Grafts - Initial Encounter. 996.74 Initial Fibrosis Vascular Prosthetic Devices, T82.828A evaluation of Implants & Grafts - Initial Encounter. Other complications complications involving T82.838A Hemorrhage Vascular Prosthetic Devices, due to other a femoral Implants & Grafts - Initial Encounter. vascular popliteal device, implant, artery graft. Pain Vascular Prosthetic Devices, Implants & Grafts T82.848A or graft. - Initial Encounter. T82.858A Stenosis Vascular Prosthetic Devices, Implants & Grafts - Initial Encounter. Thrombosis Vascular Prosthetic Devices, T82.868A Implants & Grafts - Initial Encounter. T82.898A Other Specified Complication Vascular Prosthetic Devices, Implants & Grafts - Initial Encounter.





- ICD-9 vs. ICD-10
- Code structure
- New Features

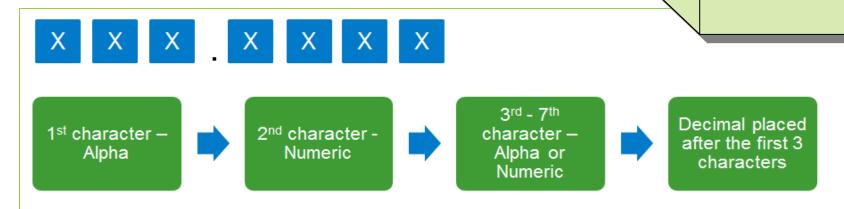
ICD-9 vs. ICD-10

ICD-9-CM vol. 1 & 2 (Diagnosis Codes)	ICD-10-CM (Diagnosis Codes)
3-5 characters in length	3-7 characters in length
Approximately 13,000 codes	Approximately 68,000 available codes
First digit may be alpha (E or V) or numeric; Digits 2-5 are numeric	First digit is alpha; Digits 2-3 are numeric; Digits 4-7 are alpha or numeric
Limited space for adding new codes	Flexible for adding new codes
Lacks detail	Very specific
Lacks laterality	Has laterality
Example: 453.41 Venous embolism and thrombosis of deep vessels of proximal lower extremity	Example: I82.411 Embolism and thrombosis of right femoral vein

Sticky Note:

- The ICD-10-CM
 Code Book has 21
 chapters.
- Each chapter represents a designated block of codes, i.e. Neoplasms C00-D49

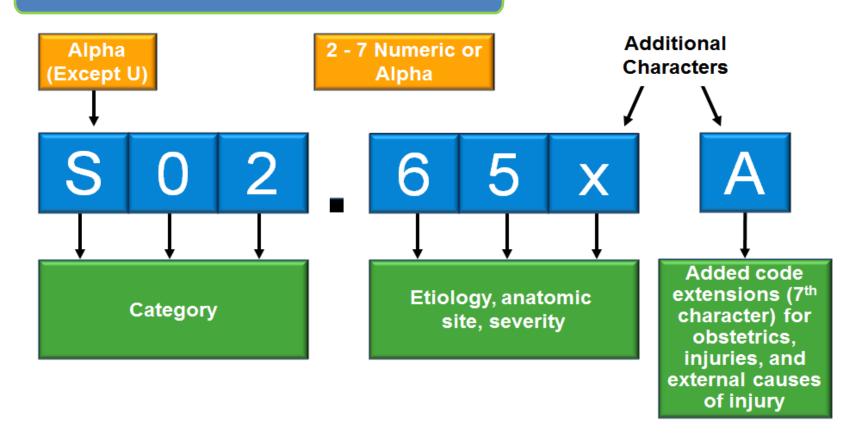
3-7 Alphanumeric characters



- All letters used except U
- The letters I & O are used only in the 1st character position
- Each letter is associated with a particular chapter (except D & H)

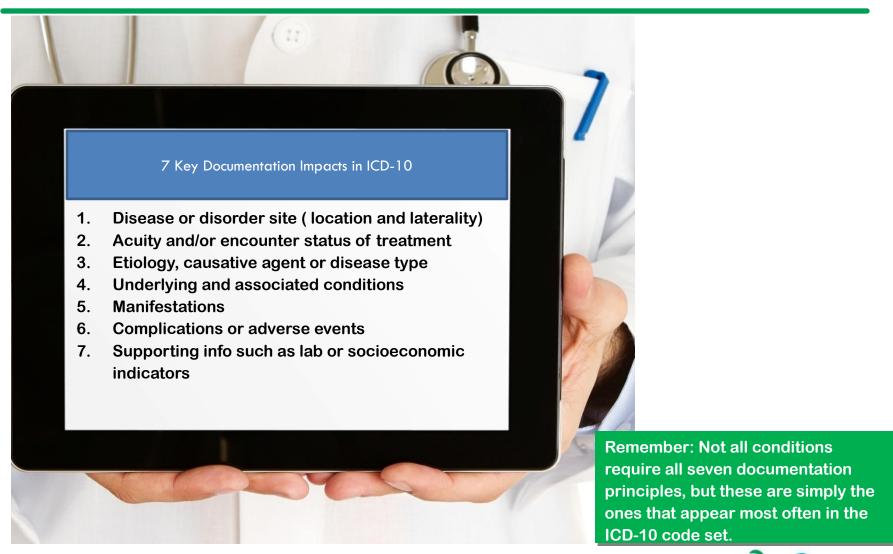


ICD-10 characters and extension



Key Documentation Impacts

- 7 Key Documentation Principles
- Inadequate & Improved Documentation Examples



Disease Site

Site documentation assists in ensuring accurate code assignment and helps prevent surgical errors.

As an example, documentation of the location of spina bifida assists in proper code assignment.



example: Spina Bifida

In the case of spina bifida, the site (e.g., cervical, thoracic, lumbar) is critical for optimal code assignment, claims adjudication, and avoiding queries.





Acuity

It is critical to include **acuity** in our documentation to identify the severity of a child's condition.

As an example, "acute" and "chronic" are key terms that add specificity to the medical record.

Remember that chronic disease management impacts each pediatric encounter in terms of management and use of goods and services.

example: Sinusitis

It is important to identify the acuity of sinusitis to support diagnostics provided and treatment rendered.



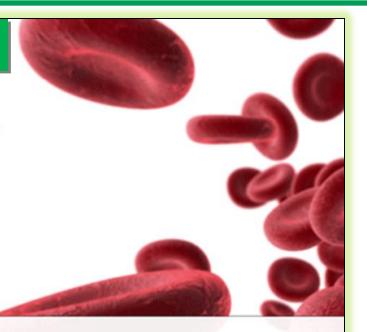


2.

3. Disease Type

It is important to distinguish disease **type** within our documentation as this influences treatment selection and outcome monitoring.

Unspecified disease descriptions, such as severe combined immunodeficiency, do not provide enough information about the necessary labor and treatment required to care for this condition.



example:

Severe Combined Immunodeficiency

Severe combined immunodeficiency is classified by several different types (e.g., with reticular dysgenesis, with lower T-and B-cell numbers). Each type adds a different level of intensity to the plan of care.





3. Cont.

Etiology

Documentation of condition **etiology** ensures coding of severity and tracking of treatment outcomes.

The causative disease, contributory drug, chemical, or non-medicinal substance needs to be documented as these significantly impact treatment.



example: Dyskinesia

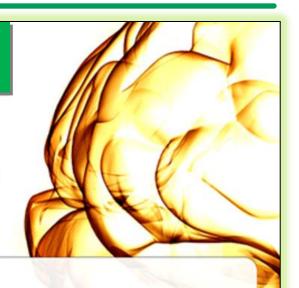
Dyskinesia requires identification of the etiology, such as due to stroke or brain injury, drug-induced, or inherited, to achieve granularity in disease identification.





Underlying or associated conditions

Documentation of any underlying or associated conditions renders a complete and accurate picture of the child's medical condition. With this documentation, disease progression is easily measured, and treatment adjustments are validated.



example:

Phenylketonuria (PKU)

As phenylketonuria (PKU) progresses, different body systems and organs are affected. Documentation should provide detail on how the disease is progressing. For example, PKU is often accompanied by intellectual disabilities, behavioral issues, and seizures.





5. Manifestations

Documentation of the common manifestations for many diseases supports greater specificity in code assignment and a better description of care provided.



In addition to the etiology of influenza, include any manifestations, such as laryngitis, otitis media, and pneumonia as well as gastrointestinal disorders and neurological complications (e.g., meningitis, postinfectious encephalitis).

Complications or adverse effects

Drug toxicity, considered either a poisoning or an adverse effect, is a major healthcare issue. Documentation should include the child's **intention** when consuming a drug.

The child's drug consumption must be documented as poisoning accidental, intentional self-harm, or assault, an adverse effect, or as underdosing.

Drug administration by the provider is assumed "therapeutic" in nature.



example:

Anaphylaxis

There are many drugs that have a negative effect on the immune system. Anaphylaxis, for example, can be caused by various antibiotics, anti-seizure medications, or pain medications.



6.



7. Supporting Lab or Socioeconomic Indicators

We must document the clinical significance of supporting lab values, and any corresponding diagnosis, in order to capture the patient's condition and to substantiate treatment protocols.

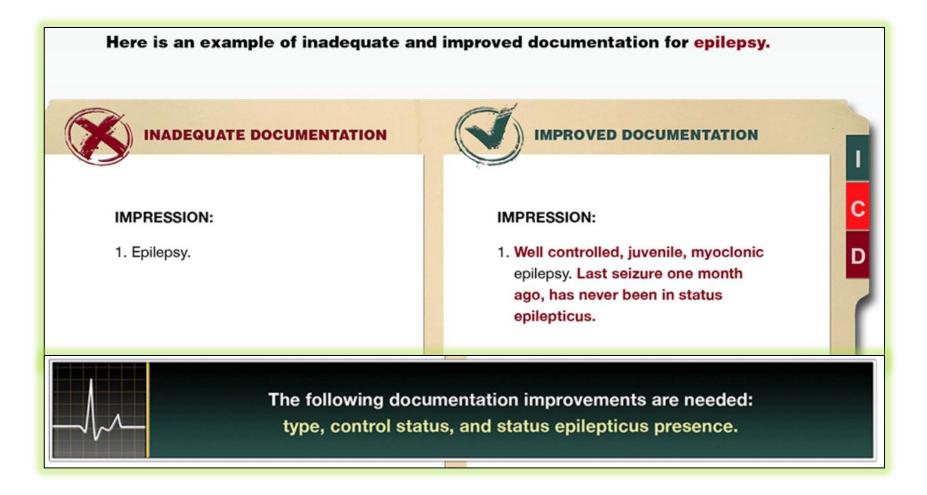
This will ensure the diagnostic work performed is recognized, coded, and reimbursed.

example: Elevated CA-125

Ensure the clinical significance of any abnormal findings in specimens and organs from the various body systems, such as abnormal levels of hormones, enzymes, biological substances, and immunological, microbiological, and cytological sections, are listed in the medical record.

Epilepsy

Inadequate & Improved Documentation







Asthma

Inadequate and Improved Documentation

Here is an example of inadequate and improved documentation for asthma.



INADEQUATE DOCUMENTATION

Seven-year-old female with asthma presents in resp distress. Tachycardic & tachypneic, inspiratory and expiratory wheezing. O2 sat 63% on room air.

Mother reports home inhaler and nebulizers used but didn't help.



OPTIMAL DOCUMENTATION

Seven-year-old female with moderate,
persistent asthma presents in resp distress,
exam consistent with status asthmaticus.
Tachycardic & tachypneic, inspiratory and
expiratory wheezing. O2 sat 63% on room air.

Mother reports home inhaler and nebulizers used but didn't help. **Dad smokes near child**.



The following documentation improvements are needed: type, acuity, exacerbation status, and tobacco status.





Influenza

Inadequate & Improved Documentation



INADEQUATE DOCUMENTATION

Assessment:

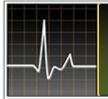
- Influenza.
- 2. Speech disturbance.
- 3. Sinusitis.
- 4. Otitis media with perforated tympanic membrane.



REQUIRED ICD-10 DOCUMENTATION

Assessment:

- Influenza A.
- Laryngitis.
- 3. Acute maxillary sinusitis.
- 4. Left otitis media with left central perforated tympanic membrane.



The following documentation improvements are needed for ICD-10: type, site, acuity, manifestations and laterality.





- A Physician's Role in ICD-10
- Changes impacting Primary Care
- Most Common Pediatric Codes
- ICD-10 Physician Benefits

A Physician's Role in ICD-10-CM



As a physician, we are the center of health care delivery. The physician is the driver of patient care, but that's not all.

Physicians, in many cases, are also deeply involved in running a business, driving appropriate reimbursement for care provided, keeping abreast of new technology, and the ever-changing regulatory environment as well as ensuring standards of medical necessity, severity of illness, and quality of care are met.

We have a lot to do!

ICD-10 affects all of these areas and requires further work. However, when embraced, we can benefit greatly compared to the inadequacies of ICD-9 today.



Changes for Primary Care

1.Headaches

• ICD-10 includes a whole slew of codes for headaches. For example when a patient presents with a migraine, providers will have to specify whether it's common, hemiplegic, persistent, chronic, ophthalmologic, abdominal, or menstrual. Many of the codes in the headache section also require additional documentation that was not previously required.

2. Depression

 Today, one in 10 people report symptoms of depression to their doctor. As a result, depression codes have been expanded in ICD-10, and providers will have to document in detail additional features such as single episode versus recurrent, mild, moderate, or severe, and in partial or full remission.

3. Ear Infection

• For pediatric and family-medicine providers, earaches are often a daily occurrence. ICD-10 includes various codes to denote specific forms of a middle-ear infection. Physicians must document acute vs. chronic, laterality, and associated perforated tympanic membrane.



Changes for Primary Care

4. Diabetes

• Physicians must now document whether the diabetes is Type 1, Type 2, drug-or-chemical-induced, or due to an underlying condition. They will also have to document the specific underlying, the specific drug or toxin, as well as the use of insulin. ICD-10 gets into the "nitty-gritty" about diabetes, so a careful review of diabetes codes is recommended.

5. Asthma

• Asthma is yet another diagnosis that has been increasing over the years and has been expanded in ICD-10. Physicians must document whether the asthma is mild intermittent, mild persistent, moderate persistent or severe persistent. In addition, they must specify whether the asthma is uncomplicated, with acute exacerbation, or with status asthmaticus.

6. Health Status & Services

Primary-care providers may want to take note of some new codes related to factors that
influence health status and contact with health services. These are not going to show up in a code
mapping process but are relevant. For example, codes Z55 through Z65 pertain to health
hazard related to socioeconomic and psychosocial circumstances.



Most Common Pediatric Diagnosis Codes (From AAP Coding Newsletter)

1.	Encounter routine child health		
	examination		
	with abnormal findings	Z00.121	
	abnormal finding		
	without abnormal findings	Z00.129	
2.	Acute upper respiratory		
	infection	J06.9	
3.	Otitis media		
	nonsuppurative		
	serous		
	acute (secretory)		
	right	H65.01	
	left	H65.02	
	bilateral	H65.03	
	recurrent acute		
	right	H65.04	
	left	H65.05	
	bilateral	H65.06	
	chronic		
	right	H65.21	
	left	H65.22	
	bilateral	H65.23	
	allergic		
	acute and subacute		
	right	H65.111	
	left	H65.112	
	bilateral	H65.113	
	recurrent acute		
	right	H65.114	
	left	H65.115	
	bilateral	H65.116	
	chronic		
	right	H65.411	
	left	H65.412	
	bilateral	H65.413	

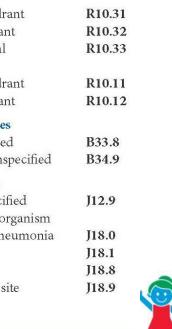
suppurative	
acute	
w/o spontaneous rupt	ure of
eardrum	
right	H66.001
left	H66.002
bilateral	H66.003
with spontaneous rup	ture of
eardrum	
right	H66.011
left	H66.012
bilateral	H66.013
recurrent w/o spontan	eous
rupture of eardrum	
right	H66.004
left	H66.005
bilateral	H66.006
recurrent with spontar	neous
rupture of eardrum	
right	H66.014
left	H66.015
bilateral	H66.016
chronic	
tubotympanic	
right	H66.11
left	H66.12
bilateral	H66.13
atticoantral	
right	H66.21
left	H66.22
bilateral	H66.23
4. Acute pharyngitis	J02.9

5.	Asthma	
	mild intermittent	
	uncomplicated	J45.20
	acute exacerbation	J45.21
	status asthmaticus	J45.22
	mild persistent	
	uncomplicated	J45.30
	acute exacerbation	J45.31
	status asthmaticus	J45.32
	moderate persistent	
	uncomplicated	J45.40
	acute exacerbation	J45.41
	status asthmaticus	J45.42
	severe persistent	
	uncomplicated	J45.50
	acute exacerbation	J45.51
	status asthmaticus	J45.52
	exercise-induced	J45.990
	cough variant	J45.998
6.	Encounter follow-up example ex	mination
	after other treatment	Z09
7	ATT 1 - 1 - 1 - 1 - 1 - 1	
7.	Control of the Contro	J30.1
	due to pollen (hay fever)	J30.1 J30.89
	other (perennial)	
	unspecified	J30.9
8.	Sinusitis	
	chronic	
	maxillary	J32.0
	frontal	J32.1
	ethmoid	J32.2
	sphenoid	J32.3
	pansinusitis	J32.4
	other (multiple sites	
	not pansinusitis)	J32.8
	unspecified	J32.9



Most Common Pediatric Diagnosis Codes (From AAP Coding Newsletter)

9. Dermatitis		12. Viral infection		18. Gastroenteritis/colitis	
allergic contact, due to		unspecified	B34.9	unspecified noninfectious	K52.9
metals	L23.0	13. Streptococcal sore throat	J02.0	19. Fever	
adhesives	L23.1			postvaccination	R50.83
cosmetics	L23.2	14. Bronchitis		unspecified	R50.9
dyes	L23.4	acute			1750.00
other chemical products		due to respiratory	T00 F	20. Constipation, unspecified	K59.00
(insecticide)	L23.5	syncytial virus	J20.5	21. Prophylactic vaccination	Z23
food in contact with skin	L23.6	due to rhinovirus	J20.6	22. Abdominal pain	
plants, nonfood (poison ivy	,	unspecified	J20.9	epigastric	R10.13
oak, sumac)	L23.7	15. Conjunctivitis		colic	R10.13
animal dander	L23.81	acute		generalized	R10.84
other agents	L23.89	atopic		with acute abdomen	R10.04
unspecified cause	L23.9	right eye	H10.11	lower	KIU.U
irritant contact, due to		left eye	H10.12	BALLING B.	R10.31
detergents	L24.0	bilateral	H10.13	right quadrant	R10.31
oils and greases	L24.1	follicular		left quadrant	
solvents	L24.2	right eye	H10.011	periumbilical	R10.33
cosmetics	L24.3	left eye	H10.012	upper	D10.11
other chemical products		bilateral	H10.013	right quadrant	R10.11
(insecticides)	L24.5	viral		left quadrant	R10.12
food in contact with skin	L24.6	due to adenovirus	B30.1	23. Viral diseases	
plants, except food	L24.7	unspecified	B30.9	other specified	B33.8
metals	L24.81	16. Esophageal Reflux		infection, unspecified	B34.9
other agents	L24.89	with esophagitis	K21.0	24. Pneumonia	
	4	without esophagitis	K21.9	viral, unspecified	J12.9
10. Attention-deficit/hyperactividisorder	цу	newborn	P78.83	unspecified organism	112.7
	F90.0	COLONIA CONTROL CONTRO		bronchopneumonia	J18.0
predominantly inattentive		17. Influenza with respirator	У	lobar	J18.1
predominantly hyperactive	F90.1	manifestations		other	J18.8
combined type	F90.2	unidentified virus		Unspecified site	J18.9
other type	F90.8	respiratory manifestation		Onspecified site	110.3
11. Cough	R05	other than pneumonia	J11.1		



ICD-10 Physician Benefits:

DATA

- ICD-10 expands the quality of data that is minded and reported, which in turn can help to improve patient care.
- Once ICD-10 data is gathered for a number of years, researches will have information that provides more specifics to compare. This allows conclusions to be drown that will help improve the care our patients receive.
- ICD-10 provides us a better means to collect data about our patients, which details disease progression and treatment efficacy.

Monitoring

• ICD-10 greater level of specificity may help in the prevention of fraud and abuse. It makes it more difficult for ICD-10 users to assign diagnosis from severe disease categories without proper documentation.

Reimbursement

 Since ICD-10 provides a more accurate clinical picture of the care provided, misinterpretation by third parties, such as auditors, payers and attorney may be avoided.





Conclusion

In today's healthcare industry, improved provider documentation is about more than reimbursement. It is about better care, communication, and a clearer provider report card.

By documenting appropriately, providers can:

- Paint a more accurate picture of a child's condition severity.
- · Improve the quality of patient care.
- Enhance communication among all healthcare providers.

