

# Pediatric Coding Best Practices

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# Purpose

Improve documentation

Improve billing

Save Time

Save Your Sanity



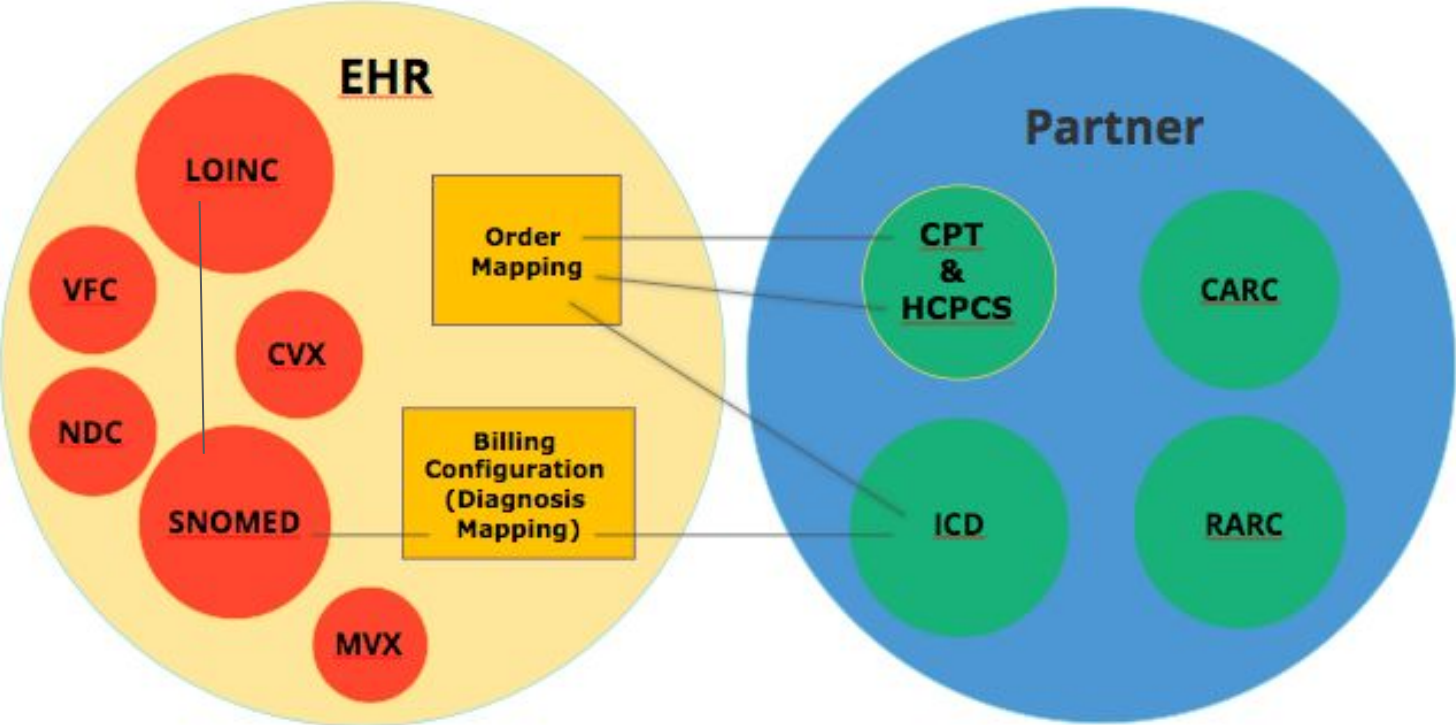
# Agenda

Approaches to finding and *honing* code selections for:

- Billing
  - Procedures (CPT)
  - Drugs, Supplies, Experimental Procedures (HCPCS)
  - Diagnoses (ICD-CM)
- Charting and Interoperability
  - Diagnoses for (SNOMED)
  - Laboratory and Clinical Test Results (LOINC)



# Codesets in PCC



# Code Maintenance in PCC

- LOINC: PCC Maintained
- SNOMED: PCC Maintained
- ICD-10: PCC Maintained (ted #29)
- HCPCS: Practice Controlled (ted #6)
- CPT: Practice Controlled (ted #6)



# LOINC

## Translation:

*Logical Observation Identifiers Names and Codes*

## Source:

*Regenstrief Institute*

## Use:

*Laboratory and Radiology tests and results*

# LOINC Selection & Configuration

- Search and selection in lab configuration only
- Codes are built into EHR
- PCC updates with software releases
  - V8.9 included newest codes

# SNOMED-CT

## Translation:

*Systematized Nomenclature of Medicine-Clinical Terms; Updated*

## Source:

*International Health Terminology Standards Development Organisation (IHTSDO)/U. S. National Library of Medicine (NLM); Updated biannually (March, Sept)*

## Use:

*Reporting and interoperability*





# SNOMED Favorites & Preferred Descriptions

Favorite	Allergy	Family Hx	Diagnosis	Alternate Description
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Urinary tract tenderness	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Urinary urgency due to benign prostatic hy...	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Urinary volume finding	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Uteroureteric fistula	Ureteric fistula to uterus

**Edit Diagnosis** [X]

Description:  UTI - Urinary tract infection  
 UTI - Urinary tract infection  
 Urinary tract infectious disease  
 Urinary tract infection

Favorite - available for selection in the Diagnoses and Problem List components  
 Allergy - available for selection in the Allergies component  
 Family Hx - available for selection in the Family Medical History component

Cancel Save

# LOINCs & SNOMEDs

## Clinical Quality Measure Example - Screenings

- Chlamydia
- Depression

[How to Chart for Each Clinical Quality Measure in PCC EHR](#)

# LOINCs & SNOMEDs

## Clinical Quality Measure Example: Depression

### [Recommended PCC EHR Configuration for CMS2 Depression Screening](#)

- SNOMED-CT procedure code 171207006, “Depression screening”
- LOINC test code 73831-0 Adolescent depression screening assessment” and/or  
LOINC 73832-8, “Adult depression screening assessment” 18 yrs + up

## Screening Orders - Add Order

Order Name: Adolescent Depression Screening

- "Include on Patient Reports" will be selected when this order is issued
- Allow this order to be Refused
- Allow this order to be Contraindicated

### SNOMED CT Procedure for reporting

**Remove** Depression screening  
Identifier: 171207006

### Tests to Include

**Remove** Adolescent depression screening assessment  
LOINC: 73831-0 Test Type: History Units of Measure: Specimen Source: ^Patient Data Type: Pos/Neg  
Normal:  Negative  Positive  
Default Interpretation when result is abnormal: Abnormal  
 Interpretation (Normal/Abnormal) is required for this test.

**Add a Test**

Cancel

Save



Pediatric EHR Solutions



# ICD - Diagnoses for Billing

## Translation:

*International Classification of Diseases*

## Source:

*World Health Organization (WHO); Updated: Annually effective Oct 1*

## Use:

*Describes **why** services were rendered*

# Optimize Configuration to Optimize Care

Diagnosis Configuration

Search Filter:  ✕ Search

Favorite	Allergy	Family Hx	Diagnosis	Alternate Description
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Allergic arthritis of the ankle and/or foot	Allergic arthritis of the ankle and foot
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic arthritis of the hand	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic arthritis of the pelvic region and th...	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic arthritis of the shoulder region	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic asthma	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Allergic asthma due to Dermatophagoides...	Allergic asthma caused by Dermatophagoides fari...
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Allergic asthma due to Dermatophagoides...	Allergic asthma caused by Dermatophagoides pter...
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic asthma without status asthmaticus	Extrinsic asthma without status asthmaticus
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic bronchitis	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic bronchopulmonary aspergillosis	ABPA - Allergic bronchopulmonary aspergillosis
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Allergic bronchopulmonary mycosis	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Allergic bronchospasm caused by dietary ...	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Allergic colitis	

# snomedmap

Favorite SNOMED Descriptions that do not have an ICD-10 Mapping

Usage

Count	SNOMED Description
74	Normal body mass index
36	Discharged from hospital
30	Removal of suture
24	Manage medication treatment
15	Problem resolved
10	Cyst

Now your ICD configuration is all set, right?

October is coming...





# 2020 Definition of Q87.1

Q87.11

Prader-Willi syndrome

Q87.19

Aarskog syndrome

Cockayne syndrome

De Lange syndrome

Dubowitz syndrome

Noonan syndrome

Robinow-Silverman-Smith syndrome

Russell-Silver syndrome

Seckel syndrome

# snomedmap

## SNOMED Mapping Reports

Select Mapping Report

### ICD-10 Mapping Reports

- Favorite SNOMEDs mapped to Deleted or Modified 2019 ICD-10
- Favorite SNOMEDs mapped to Deleted or Modified 2018 ICD-10
- Favorite SNOMEDs mapped to Deleted or Modified 2017 ICD-10
- Commonly Used SNOMED Descriptions Mapped to ICD-10
- Favorite SNOMED Descriptions that do not have an ICD-10 Map
- All SNOMED Descriptions that do not have an ICD-10 Mapping

# ICD Selection - *2020 Preview*

**ALWAYS** start at the index ...

## Body, bodies

- Aschoff's -see Myocarditis, rheumatic
- asteroid, vitreous -see Deposit, crystalline
  
- mass index (BMI)
  - adult
    - 19.9 or less Z68.1
    - 20.0-20.9 Z68.20
    - 21.0-21.9 Z68.21
  
    - 60.0-69.9 Z68.44
    - 70 and over Z68.45
  - pediatric
    - 5th percentile to less than 85th percentile for age Z68.52
    - 85th percentile to less than 95th percentile for age Z68.53
    - greater than or equal to ninety-fifth percentile for age Z68.54
    - less than fifth percentile for age Z68.51

...and **THEN** go to the Tabular

## Body mass index [BMI] (Z68)

### Z68 Body mass index [BMI]

Kilograms per meters squared

**Note:** BMI adult codes are for use for persons 20 years of age or older  
BMI pediatric codes are for use for persons 2-19 years of age.

# Supply & Service Codes

## For Billing



# HCPCS

## Translation:

*Healthcare Common Procedure Coding System*

## Source:

*CMS' Alpha-Numeric Editorial Panel; Updated quarterly (Jan, April, July, Oct)*

## Use:

*"Identify products, supplies, and services not included in the CPT codes, such as ambulance services and durable medical equipment, prosthetics, orthotics, and supplies (DMEPOS)"*

# HCPCS Selection

- Often recommended by vendors selling the supplies, equipment
- Reported as claim data so managed, updated, mapped, billed like CPTs
- Considerations:
  - Dosage
  - Drug formulations (Liquid, tablet, aerosol, etc)
  - Delivery method (oral, IM, IV, etc)



# Searching - Treatments

Order Mapping   Diagnosis Mapping   Default Procedures   ICD-10 Default Diagnoses   ICD-9 Default Diagnoses

**Order Mapping - Edit**

Order Type: **Injection**  
Order Name: **Ceftriaxone**

**ICD-9 Billing Diagnoses**  
select billing diagnosis   +    Preselect on Billing Screen

**ICD-10 Billing Diagnoses**  
search for ICD-10   +    Preselect on Billing Screen

← Managed in ted #6

**CPT Billing Procedures**

~~10690 Rocephin Inj per 250mg~~   +    Preselect on Billing Screen  
90782 Therapeutic Injection   +    Preselect on Billing Screen

# CPT - Procedures for Billing

## Translation:

*Current Procedural Terminology*

## Source:

*American Medical Association (AMA); Updated: Annually, eff Jan 1*

## Use:

*Describes the services rendered; office visits (E&M, Well care),  
procedures, labs, tests, etc*




# Searching - Vaccines

Order Type: **Immunization**  
Order Name: **Trumenba-Meningococcal B**

~~ICD-9 Billing Diagnoses~~  
select billing diagnosis [dropdown] +  Preselect on Billing Screen

ICD-10 Billing Diagnoses  
Z23 Encounter for immunization +  Preselect on Billing Screen

CPT Billing Procedures  Managed in ted #6

90621 Trumenba [dropdown]  Preselect on Billing Screen

90460 Admin Imms 1st w/Counseling [dropdown] +  Preselect on Billing Screen

# Searching - Vaccines

Proc Name:	Trumenba	NDC:	00005-0100-01
Acct Type:	Revenue	Dose Amount:	0.5
Proc Group:	Immunizations	Dose Units:	ml
TOS:	Medical Care		
Units:	0		

	CPT Code	Price
Sch A:	90621	\$ 300.00

	CPT Code	Price
Sch N:	90621	\$ 300.00



# CPT - Procedures for Billing

Search your  
existing  
configuration

Billing Configuration

Order Mapping | Diagnosis Mapping | Default Procedures | ICD-10 Default Diagnoses | ICD-9 Default

**Order Mapping**

Search Filter: cerumen

Order Type	Order Name	ICI	ICD-10 Billing Diagnosis	CPT Billing Procedure
Medical Procedure	Cerumen Removal			[x] 69210 Removal, Ear Wax
Supply	Nasopharyngeal sw...			
Supply	Water pik to remove...			
Surgical Procedure	Removal of cerumen			

[x] = Preselected on Billing Screen  
[] = Not Preselected on Billing Screen

# CPT - Procedures for Billing

Search  
the web  
*selectively*

CPT nursemaid **elbow reduction**

cpt nursemaid **elbow reduction**

CPT nursemaid

nursemaid's **elbow** cpt

nursemaid's cpt

nursemaid's cpt **code**

# CPT - Procedures for Billing

*Refine your search*

The screenshot shows a search engine interface with a dropdown menu for time filters. The dropdown menu is open, showing options: Any time, Past hour, Past 24 hours, Past week, Past month, Past year (checked), and Custom range... An orange arrow labeled '2' points to the 'Past year' option. The search results show a list of items. The first item is 't of radial head subluxation in child, nursemaid elbow ...' with a green link 'ontology/CPT/24640'. An orange arrow labeled '3' points to this link. A second orange arrow labeled '1' points upwards from the bottom right of the search results area. A red scribble is present at the bottom of the search results area, partially obscuring the text 'closed treatment radial head fracture cpt'.

## Order Mapping - Edit

Order Type: **Medical Procedure**

Order Name: **Nursemaid Elbow-Reduction**

### ICD-9 Billing Diagnoses

~~select billing diagnosis~~



Preselect on Billing Screen

### ICD-10 Billing Diagnoses

S53.031A Nursemaid's elbow, right elbow, initial encounter



Preselect on Billing Screen

S53.031D Nursemaid's elbow, right elbow, subsequent encounter



Preselect on Billing Screen

S53.032A Nursemaid's elbow, left elbow, initial encounter



Preselect on Billing Screen

S53.032D Nursemaid's elbow, left elbow, subsequent encounter



Preselect on Billing Screen

### CPT Billing Procedures

← Managed in ted #6

24640 ReductionSubluxatedRadialHead\*



Preselect on Billing Screen

# CPT Selection Considerations

Is the patient's age a factor? Their weight? Examples:

- 94011 Measurement of spirometric forced expiratory flows in an infant or child through 2 years of age
- 94012 Measurement of spirometric forced expiratory flows, before and after bronchodilator, in an infant or child through 2 years of age
- Modifier -63 Procedure performed on Infants less than 4 kg

# CPT Selection Considerations

Who rendered the service? Phone Care example:

- 99441-99443 Physician (MD, DO) or *Other* Qualified Healthcare Professional (QHCP)

vs.

- 98966-98968 for Qualified Nonphysicians who may not report evaluation and management services [eg, speech-language pathologists, physical therapists, occupational therapists, social workers, dietitians]





# CPT Selection Considerations

Where was the service rendered?

- Inpatient
- Outpatient
- Home, domiciliary



# CPT Selection Considerations

Typical Durations exist for many services including E&M, counseling, telephone care. Example: E&M

99201 - 10 minutes  
99202 - 20 minutes  
99203 - 30 minutes  
99204 - 45 minutes  
99205 - 60 minutes

99211 - 5 minutes\*  
99212 - 10 minutes  
99213 - 15 minutes  
99214 - 25 minutes  
99215 - 40 minutes

\*NOT for MD/DO/NP/PA time

# Remember the Midpoint Rule

**\*\*OR\*\*** Leveling may be based upon time: Greater than 50% of face-to-face time must be explicitly stated to have been spent in counseling and discussion (Include discussion topics)

Established Patient	Face-to Face (minutes)	New Patient	Face-to Face (minutes)
99211	3-7	99201	6-15
99212	8-12	99202	16-25
99213	13-20	99203	26-37
99214	21-33	99204	38-52
99215	34	99205	53

# CPT Selection Considerations

Approach - Open vs. closed, instruments, venous vs. arterial, e.g. Example:

- 69210 - Removal impacted cerumen *requiring instrumentation*, unilateral
- 69209 - Removal impacted cerumen *using irrigation/lavage*, unilateral

# CPT Modifiers

22 - Increased Procedural Service

50 - Bilateral Procedure

53 - Discontinued Procedure

57 - Decision for Surgery

59 - Distinct Procedural Service

# CPT Modifiers

63 - Procedure performed on Infants less than 4kg

76 - Repeat Procedure or Service by Same Physician or QHCP

91 - Repeat Clinical Diagnostic Laboratory Test

95 - Synchronous Telemedicine Services Rendered Via a Real-Time Interactive Audio and Video Telecom System

99 - Multiple Modifiers

# CPT II Codes

Used for performance measurement. Example:

- **4132F** - Use this code for patients diagnosed with Acute Otitis Externa who were \*not\* prescribed Systemic antimicrobial therapy.
- **4131F** - Use this code for patients diagnosed with Acute Otitis Externa who were prescribed Systemic antimicrobial therapy.



# CPT Selection - Electronic Encounter Form

**Charted Procedures**

Ceftriaxone  
 J0696 Rocephin Inj per250mg.  
 90782 Therapeutic Injection

**Additional Procedures**

**Est Patients**

99211 OV Minimal  
 99212 OV Problem Focused  
 99213 OV Expanded Focus  
 99214 OV Detailed H&E  
 99215 OV Comprehensive  
 99050 OV After Hours Differential

**New Patients**

99201 New Pt OV Minimal  
 99202 New Pt OV Problem Focus  
 99203 New Pt OV Expanded Focused  
 99204 New Pt OV Detailed H&E  
 99205 New Pt OV Highly Comprehensive

**Extended Visit Codes**

99354 OV Prolonged Service  
 99354 OV Prolonged Service

**Hospital Consults**

99232 IH Subs Care Expanded Focus  
 99254 IH Initial Comp Consult

**Other Procedures**

**Est Pt Well Exams**

99391 Well Child Under 1 yr  
 99392 Well Child 1-4 yrs  
 99393 Well Child 5-11 yrs  
 99394 Well Child 12-17 yrs  
 99395 Well Child 18-39 yrs

**New Pt Well Exams**

99381 New Pt Well Child Under 1 yr  
 99382 New Pt Well Child 1-4 yrs  
 99383 New Pt Well Child 5-11 yrs  
 99384 New Pt Well Child 12-17 yrs  
 99385 New Pt Well Child 18-39 yrs

**Fees**

00000 No Show Fee  
 00000 Bonus Fee

**Allergy Office Codes**

99243 Consult Limited  
 99244 Consult Intermediate  
 99245 Consult Comprehensive





# Resources

## PCC Content

- [Coding and Documentation](#)

## AAP Content

- Once logged into [PCCCommunity](#) you have free access to monthly [AAP Coding Newsletter](#)



# Resources

- CPT - [AMA Store](#)
- [2019 ICD-10 Files](#)
- ICD-10 Web References
  - [Index](#)
  - [Tabular](#)
- [2019 HCPCS Codes](#)
- [Browse March 2019 United States version of SNOMED](#)
- [LOINC](#)

# Resources

- Questions re: specific SNOMED-CT, CPT, ICD-10, or other code requirements *for CQM*
  - Reference the [Value Set Authority Center](#) website
  - Alternative: [eCQM Value Sets spreadsheet](#) (Click on the tab for the appropriate CQM, and search/filter by the QDM Category “Encounter”)



# Takeaways

- Know the trusted source(s) to make search results make more sense
- Maximize configuration to minimize searching for everyone
- Keep current with code updates



# What questions do you have?



# Please complete a course evaluation

Future PCC education depends on it!



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