

Transition to ICD-10-CM Wounds

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Objectives



- **Analyze ICD-10-CM System for Wound Coding;**
- **Review Code Guidelines for Wound Coding;**
- **Detail ICD-10-CM terminology common with wound coding;**
- **Identify pathophysiology terms as they relate to ICD-10-CM Diverse Wound Coding;**
- **Apply ICD-10-CM to common home health scenarios.**
- **Take Away: Quick Wound Code Reference Guide**

Housekeeping Information

- **Handout Materials**

- **Webcast Participants**

- If you haven't done so already, you can download the handouts and tools in the handout box to the left of your screen. At any time during the presentation – you can “**pause**” the program. Go to the lower left of the screen and click on the “**pause**” button. Please note you may have to scroll down on the page to see the “**pause**” button.

- **DVD Participants**

- The main contact should have received the handout materials link in the receipt email that was issued upon completion of purchase. If you still need a copy of the handouts, ask your contact or email RBC at rbc@netstep.net.

- Email your questions to rbc@netstep.net

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Integument System



- **25% Patients Hospitalized with Wounds**

- **CMS Focus for Home Health**

- Emergent Care for Deteriorating and/or Infected Wounds
 - Adverse Events

- **Top Five Reason for Hospitalization of Medicare Beneficiaries: Wounds**

- **Home Health is Critical in the Healing Pathway for Diverse Wounds**

- **ICD-10-CM codes aligns updated medical terminology & practices with enhanced codes**

- **Increased code specificity to track and correlate with quality outcomes & costs**

- **Treatment & Best Practice Updates**

More on Integument System

■ Integument System

- Protects Body
- Regulates temperature
- Synthesizes Vitamin D
- Sensory (Touch)
- Eliminates Waste

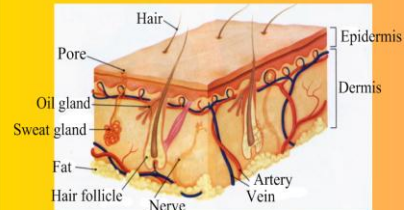
■ Works with Other Systems

- Defense
- Homeostasis

■ Structure

- Skin; Hair; Nails
- Sebaceous Glands; Sweat Glands

Can you label this diagram?



Chapter 12: L00-L99



■ Diseases of the Skin & Subcutaneous System

- Skin & Subcutaneous System (L00-L99)
 - Diseases & Disorders
 - Intraoperative & postprocedural complications & disorders, NEC (L76)
 - Other diseases of the skin & subcutaneous system (L80-L99)

■ ICD-10-CM Chapter 12 Guideline Focus

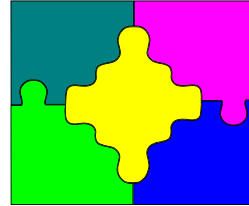
- Specificity: Site & Laterality
- Pressure Ulcers
- Documentation Requirements

■ ICD-10-CM

- Updates terminology to reflect current medical practice

Specific Chapter 12 Blocks

- L00-L08 Infectious of skin & subcutaneous
- L10-L14 Bullous disorders
- L20-L30 Dermatitis & eczema
- L40-L45 Papulosquamous disorders
- L49-L54 Urticaria & erythema
- L55-L59 Radiation related disorders of the skin & subcutaneous tissue
- L60-L75 Disorders of skin appendages
- L76 Intraoperative & postprocedural complications of skin & subcutaneous tissue
- L80-L99 Other disorders of the skin & subcutaneous tissue



Official Code Guidelines

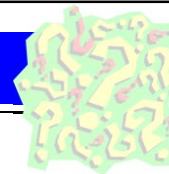
- Chapter 12: Diseases of the Skin & Subcutaneous Tissue
 - Site & Laterality Designations
 - Increased Instruction Notes (Code first; Use Additional Code)
 - Enhanced Combination Codes
 - Updated Terminology to Reflect Current Medical Practices
- Pressure Ulcers: Site & Stage (L89)
 - Specificity for Pressure Ulcers
 - Identify Site & Stage
 - Assign as many codes as needed to identify *all* pressure ulcers
 - Assign Code for Unstageable Pressure ulcer if
 - Stage cannot be identified due to eschar or skin or muscle flap and
 - Pressure ulcers identified as deep tissue injury (not due to trauma)
 - Assign Code for Unspecified
 - When Documentation does not exist as to Stage of Pressure Ulcer



More on Code Guidelines

- **Query the Provider on Pressure Ulcer Stage**
 - Based on Clinician Documentation
- **Pressure Ulcers: “Healing”**
 - Based on medical record documentation
 - Code “unspecified stage” if documentation is *not* available
 - Assign the code for the highest stage reported for that site
 - Patient has healing Stage 3 Pressure ulcer of coccyx
 - Assign code for Stage 3 Coccyx
- **Do Not Code Pressure Ulcers**
 - That are “Completely Healed”
- **Pressure Ulcer Stages**
 - Based on Severity
 - Stage 1 – 4; Unspecified; Unstageable

Compare Code Sets



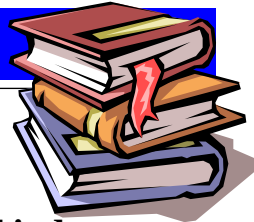
- | | |
|----------------------------------|--|
| ■ <u>ICD-9-CM</u> | ■ <u>ICD-10-CM</u> |
| ■ <i>Some Combination Codes</i> | ■ <i>Expanded Combination Codes with Site & Stage</i> |
| ■ <i>Assign Additional Codes</i> | ■ <i>Expanded Requirements to Assign Additional Codes</i> |
| | ■ <i>Expanded Specificity of Type of Injury (Chapter 19)</i> |
| | ■ <i>7th character extension for encounter for Trauma Wounds (Chapter 19)</i> |
| | ■ <i>L76 Intraoperative & Postprocedural Complications</i> |

ICD-10-CM Conventions

- **Ensure Coder Reads**
 - Includes notes: Further defines a category
 - Inclusion terms: Some of the conditions included in that code
 - Code first/use additional code notes
 - Code also – Two codes may be required but sequencing is dependent upon circumstances
 - See and See Also
- **ICD-10-CM has many more combination codes**
 - Specificity; laterality; manifestations & complications

Steps to Accurate Coding

- **See Basic Code Rules**
- **Identify the main diagnostic term**
- **Find the main term in the alphabetical index**
- **Read the sub-terms under the main term**
- **Follow the cross-reference instructions**
- **ALWAYS Verify the code in the Tabular Index**
- **Read ALL Instructions**
 - * Exclusion notes *NOS (not otherwise specified)
 - * Inclusion notes *NEC (not elsewhere classified)
 - * Code 1st notes *Manifestation notes



Code Steps Applied

- **Stage 3 Pressure Ulcer, Right Heel**
- **Step 1**
- **Look up term in Alphabetical Index**
- **See Ulcer, Pressure, By Site**
- **Ulcer, Pressure, Stage 3**
 - **Stage 3 (healing) (full thickness skin loss involving damage or necrosis of subcutaneous tissue)**
 - **Heel L89.6-**

Code Steps Applied

- **Stage 3 Pressure Ulcer Right Heel**
- **Step 2**
- **Verify the code in the Tabular index**
- **L89.61**
 - **L89.610 Pressure ulcer of right heel, unstageable**
 - **L89.611 Pressure ulcer of right heel, stage 1**
 - **L89.612 Pressure ulcer of right heel, stage 2**
 - **L89.613 Pressure ulcer of right heel, stage 3**
 - **L89.614 Pressure ulcer of right heel, stage 4**
 - **L89.619 Pressure ulcer of right heel, unspecified stage**
 - **Healing pressure ulcer of right heel NOS**

Sample Alpha Index

■ Ulcer, ulcerated, ulcerating, ulceration, ulcerative

lower limb (atrophic) (chronic) (neurogenic) (perforating) (pyogenic)
(trophic) (tropical) L97.909

with

bone necrosis L97.904

exposed fat layer L97.902

muscle necrosis L97.903

skin breakdown only L97.901

ankle L97.309

with

bone necrosis L97.304

exposed fat layer L97.302

muscle necrosis L97.303

skin breakdown only L97.301

Sample Tabular Index

■ L97 Non-pressure ulcer of lower limb, not elsewhere classified

■ *Code first any associated underlying condition*

■ *Atherosclerosis of the lower extremities (I70.24-, I70.33-, I70.34-, I70.43-, I70.44-, I70.53-, I70.54-, I70.63-, I70.64-, I70.73-, I70.74-)*

■ *Chronic venous hypertension (I87.31-, I87.33-)*

■ *Diabetic ulcers (E08.621, E08.622, E09.621, E09.622, E10.621, E10.622, E11.621, E11.622)*

■ *Postphlebitic syndrome (I87.01-, I87.03-)*

■ *Postthrombotic syndrome (I87.01-, I87.03-)*

■ *Varicose ulcer (I83.0-, I83.2-)*

■ *Code first any associated gangrene (I96)*

■ L97.1 Non-pressure chronic ulcer of thigh

■ L97.10 Non-pressure chronic ulcer of unspecified thigh

■ L97.101 Non-pressure chronic ulcer of unspecified thigh limited to breakdown of skin

■ L97.102 Non-pressure chronic ulcer of unspecified thigh with fat layer exposed

Quick Check

- **ICD-10-CM aligns terminology with updated clinical practice.**
 - True
 - False
- **ICD-10-CM Code Guidelines instructs coders to code deep tissue injury pressure ulcers as unstageable pressure ulcers.**
 - True
 - False
- **Completely healed pressure ulcers are *not* coded.**
 - True
 - False

Infections: L00-L08

- **Infections of the skin and subcutaneous tissue**
 - *Use additional code (B95-B97) to identify infectious agent*
- **L00 Staphylococcal scalded skin syndrome**
 - *Ritter's Disease*
- **L01 Impetigo**
- **L02 Cutaneous abscess, furuncle, and carbuncle**
- **L03 Cellulitis and acute lymphangitis**
- **L04 Acute lymphadenitis**
- **L05 Pilonidal cyst and sinus**
- **L08 Other local infections of skin and subcutaneous tissue**

Cellulitis

- **An acute spreading infection of the skin**

- **Symptoms**

- Redness; Warmth
- Tenderness
- Inflammation



- **Effects**

- **Code Selection**

- Type (Cellulitis or Lymphangitis)
- Location
- *Code also organism causing infection, if known*

- **Treatment Options**

More on Cellulitis: L03

- **L03 Cellulitis and acute lymphangitis**

- **L03.0 Cellulitis and acute lymphangitis of finger and toe**

- L03.01 Cellulitis of finger
- L03.02 Acute lymphangitis of finger
- L03.03 Cellulitis of toe
- L03.04 Acute lymphangitis of toe
 - L03.041 Acute lymphangitis of right toe
 - L03.042 Acute lymphangitis of left toe
 - L03.049 Acute lymphangitis of unspecified toe

- **L03.1 Cellulitis and acute lymphangitis of other parts of limb**

One Case Scenario

- **Patient admitted with cellulitis of the right lower extremity. Culture indicates streptococcus B, documented as cause of cellulitis. Heart Failure; Osteoarthritis.**

L03.115 Cellulitis of right lower limb
B95.1 Streptococcus B, as the cause of diseases classified elsewhere

I50.9 Heart Failure, Unspecified

M15.9 Osteoarthritis, generalized



More Code Examples

- **L03.111 Cellulitis of right axilla**
- **L03.125 Acute lymphangitis of right lower limb**
- **L03.211 Cellulitis of face**
- **L03.221 Cellulitis of neck**
- **L03.311 Cellulitis of abdominal wall**
- **L03.317 Cellulitis of buttock**
- **L03.319 Cellulitis of trunk, unspecified**
- **L03.811 Cellulitis of head (any part, except face)**
- **L03.818 Cellulitis of other sites**
- **L03.90 Cellulitis, unspecified**

Another Case Scenario

- Patient admitted with a surgical wound infection post removal of appendix. Staphylococcus aureus. Cellulitis around wound as well. Diabetes; HTN.
- T81.4xxD Infection following a procedure, subsequent encounter
- L03.311 Other cellulitis and abscess
- E11.9 Type 2 Diabetes without complications
- I10 Essential (primary) HTN

Dermatitis & Eczema: L20-L30

- **Dermatitis and eczema are used synonymously and interchangeably**
 - Excludes 2 (Not all inclusive)
 - Dry skin dermatitis (I85.3)
 - Stasis dermatitis (I83.1-I83.2)
- **Definition**
 - Inflammation of the skin
 - Eczema: one form of dermatitis
- **Symptoms**
 - Redness; Rash; Blisters
- **Causes**
 - Allergic; Exposure to Irritants



Some Code Examples

- **L20 Atopic dermatitis**
 - L20.0 Besnier's prurigo
 - L20.89 Other atopic dermatitis
- **L23.1 Allergic contact dermatitis due to adhesives**
- **L23.3 Allergic contact dermatitis due to cosmetics**
- **L23.81 Allergic contact dermatitis due to animal dander**
- **L24.0 Irritant contact dermatitis due to detergents**
- **L24.4 Irritant contact dermatitis due to drugs in contact with skin**
 - Cement, insecticide, plastic, rubber

Shingles: Herpes Zoster

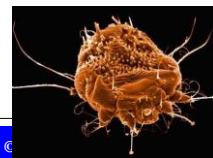
- **Painful rash due to reactivation of the varicella-zoster virus**
 - Dormant virus post chicken pox
- **Other Considerations**
 - **Rash; Blisters**
 - **Follows nerve path**
 - **Risk: Postherpetic neuralgia**
 - Severe pain post healed blisters
- **Code Selection**
 - **Type**
 - **Complications**

More Code Examples

- **B02 Zoster (herpes zoster)**
 - Includes shingles; zona
- **B02.0 Zoster encephalitis**
- **B02.1 Zoster meningitis**
- **B02.24 Postherpetic myelitis**
 - Herpes zoster myelitis
- **B02.31 Zoster conjunctivitis**
- **B02.7 Disseminated zoster**
- **B02.8 Zoster with other complications**
 - Herpes zoster otitis externa
- **B02.9 Zoster without complications**

Parasitic Infections: B85-B89

- **Skin parasites**
 - Tiny insects burrow into skin
- **Symptoms**
 - Itching
 - Inflammation
 - Redness
- **Types**
 - **Head Lice**
 - Small gray parasites; feed on blood of scalp; extremely contagious
 - **Scabies**
 - Small mites burrow into skin to lay eggs
 - Spread through close contact with infected person



Code Examples

- **B85.0 Pediculosis due to Pediculus humanus capitis**
 - Head-louse infestation
- **B85.1 Pediculosis due to Pediculus humanus corporis**
 - Body-louse infestation
- **B86 Scabies**
 - Sarcoptic itch
- **B87 Myiasis**
 - Infestation of larva of flies
 - B87.1 Wound myiasis
- **B88.3 External hirudiniasis**
 - Leech infestation NOS

Case Scenario

- **Patient admitted post hospitalization with Type 2 DM. CHF; HTN. Painful rash on lower trunk of body due to herpes zoster.**
- E11.9 Type 2 Diabetes without complications
- I50.9 Congestive Heart Failure NOS
- I10 Essential (Primary) Hypertension
- **B02.7 Disseminated zoster**

More on Skin Diseases: Neoplasms

- **Abnormal mass of tissue**

- Grows without control
- Serves no useful function

- **Types**

- Benign
- Potentially malignant
- Malignant
 - Primary; Secondary; In Situ
- Uncertain
- Unspecified

- **Code Choice**

- Type; Site; Laterality



Skin Cancers

- **Nonmelanoma**

- **Basal Cell cancer (BCC)**
 - Most Common Form for Skin Cancer in U.S.
 - 75% of all skin cancers are Basal Cell
 - Cause: Exposure to ultraviolet radiation
- **Squamous Cell Carcinoma (SCC)**
 - Sunlight exposure
 - Immunosuppression
 - Risk of metastasis is low
 - Spreads faster than basal cell carcinoma



- **Melanoma**

- Serious Form of Skin Cancer
- Treatable if diagnosed early

Code Examples

- **C43 Malignant melanoma of skin**
 - C43.0 Malignant melanoma of lip
 - C43.31 Malignant melanoma of nose
 - C43.30 Malignant melanoma of other and unspecified parts of face
 - C43.4 Malignant melanoma of scalp and neck
- **C4a Merkel Cell Carcinoma**
 - C4a.31 Merkel cell carcinoma of nose
 - C4a.39 Merkel cell carcinoma of other parts of face
 - C4a.61 Merkel cell carcinoma of right upper limb, including shoulder
- **C44.52 Malignant neoplasm of skin of breast**

Wound Categories

- **Non Pressure chronic ulcers of lower limb, NEC**
 - Chronic ulcer of skin
 - Non-healing ulcer of skin
 - Non-infected sinus of skin
 - Trophic ulcer NOS
 - Ulcer of skin NOS
- **Code first any associated underlying condition**
 - Diabetes
 - Varicose ulcers
 - Atherosclerosis
 - Postphlebotic and/or postthrombotic syndromes

More On Wound Categories

- **Pressure Ulcers: L89**

- Site & Stage

- **Surgical Wounds**

- Z codes for routine aftercare for surgical wounds
- No Z code for aftercare for surgery for trauma or injury
 - Code Trauma and/or injury code (Ex: Traumatic Fracture)

- **Traumatic Wounds: Chapter 19**

Open wounds (S)

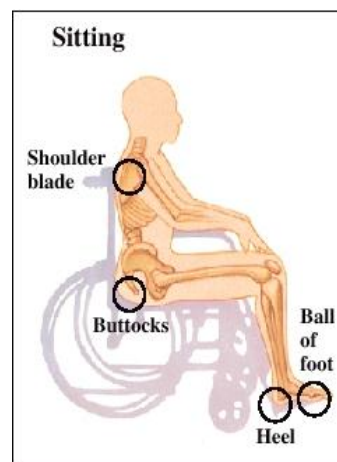
Burns (T)

Pressure Ulcers: L89.000-L89.95-

- **Decubitus Ulcers**

- **Contributing Factors**

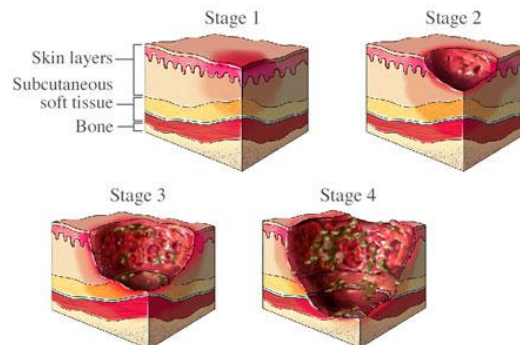
- Unrelieved Pressure
- Immobility
- Humidity
- Nutritional Compromise
- Temperature
- Age
- Contenance
- Medication



More on Pressure Ulcers

■ Pressure Ulcer Stages

- Stage 1
- Stage II
- Stage III
- Stage IV
- Unstageable
- Unspecified



■ Code Selection

- Anatomic Site
- Laterality, when appropriate
- Stage of Pressure Ulcer

■ Treatment Options

Code Guidelines Review

■ Pressure Ulcers: Site & Stage (L89)

- Identify Site & Stage
- Assign as many codes as needed to identify *all* pressure ulcers
- Assign Code for Unstageable Pressure ulcer if
 - Stage cannot be identified due to eschar or skin or muscle flap and
 - Pressure ulcers identified as deep tissue injury (not due to trauma)
- Assign Code for Unspecified
 - When Documentation does not exist as to Stage of Pressure Ulcer

■ Pressure Ulcers: “Healing”

- Based on medical record documentation
- Code “unspecified stage” if documentation is *not* available
- Assign the code for the highest stage reported for that site

■ Do Not Code Pressure Ulcers

- That are “Completely Healed”

Stage 1 Pressure Ulcers

- Superficial
- Nonblanchable redness
- Intact Skin: may be hotter or cooler
- Darker skinned patients may show shades of purple or blue
- *Pressure pre-ulcer skin changes limited to persistent focal edema; redness*



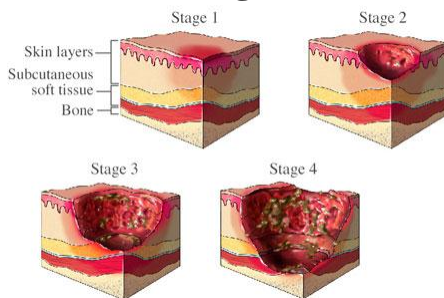
Stage II Pressure Ulcers

- Partial thickness loss of dermis presenting as a shallow open ulcer with red pink wound bed, without slough. May also present as an abrasion or an intact or open/ruptured serum-filled blister



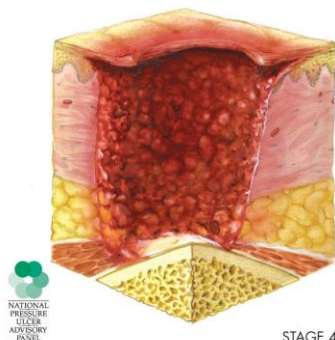
Stage III Pressure Ulcers

- **Full thickness tissue loss. Subcutaneous fat may be visible but bone, tendon, or muscles are not exposed. Slough may be present but does not obscure the depth of tissue loss. May include undermining and tunneling.**



Stage IV Pressure Ulcers

- **Full thickness tissue loss with visible bone, tendon, or muscle. Slough or eschar may be present on some parts of the wound bed. Often includes undermining and tunneling.**



Unstageable Pressure Ulcers

- Due to non-removable dressing
- Due to coverage of wound bed by slough and/or eschar
- Suspected deep tissue injury in evolution



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Pressure Ulcer Code Examples

- L89.012 Pressure ulcer of right elbow, stage 2
- L89.021 Pressure ulcer of left elbow, stage 1
- L89.151 Pressure ulcer of sacral region, stage 1
- L89.152 Pressure ulcer of sacral region, stage 2
- L89.210 Pressure ulcer of right hip, unstageable
- L89.214 Pressure ulcer of right hip, stage 4
- L89.223 Pressure ulcer of left hip, stage 3
- L89.311 Pressure ulcer of right buttock, stage 1
- L89.513 Pressure ulcer of right ankle, stage 3
- L89.604 Pressure ulcer of unspecified heel, stage 4

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One Case Scenario

- **87 year old female patient admitted with Stage 3 pressure ulcer of coccyx. Severe lower back pain. No history of trauma or falls. X-ray revealed spinal stenosis of lumbosacral region. CHF; HTN; Hypothyroidism.**

L89.153 Stage 3 Pressure Ulcer, Coccyx

I50.9 Congestive Heart Failure

M48.07 Spinal stenosis, lumbosacral region

I10 Essential (primary) HTN

E03.9 Hypothyroidism (acquired)



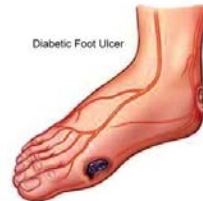
More Case Scenarios

- **Patient admitted for 2 Stage 2 pressure ulcers, one on each elbow. Admitted post hospitalization for exacerbation for COPD.**
- **J44.1** COPD, exacerbation
- **L89.012** Pressure ulcer of right elbow, stage 2
- **L89.022** Pressure ulcer left elbow, stage 2

- **Patient admitted for two pressure ulcers on sacrum. One is a Stage 3 and one is a Stage 2.**
- **L89.153** Pressure ulcer of sacral region, stage 3
- **L89.152** Pressure ulcer of sacral region, Stage 2

Non-Pressure Ulcers: L97

- **Non Pressure chronic ulcers of lower limb, NEC**
 - Chronic ulcer of skin
 - Non-healing ulcer of skin
 - Non-infected sinus of skin
 - Trophic ulcer NOS
 - Ulcer of skin NOS
- **Code first any associated underlying condition**
 - Diabetes
 - Varicose ulcers
 - Atherosclerosis
 - Postphlebotic and/or postthrombotic syndromes



One Scenario

- **Patient has insulin dependent Type II diabetes, legally blind due to diabetic retinopathy, CHF. Skilled nursing care to include wound care to a diabetic ulcer of the great toe on the left foot, diabetic care and teaching, and monitoring med regimen.**
- **E11.621** Type 2 diabetes mellitus with foot ulcer
- **L97.529** Non-pressure chronic ulcer of other part of left foot with unspecified severity
- **I50.9** Congestive Heart Failure NOS
- **E11.319** Type 2 Diabetes with unspecified diabetic retinopathy without macular edema
- **H54.8** Legal Blindness as defined in USA
- **Z79.4** Long term (current) use of insulin

Another DM Case Scenario

- Patient admitted post hospitalization for left foot amputation due to diabetic peripheral vascular disease. Insulin dependent Type 2 diabetes with gastroparesis secondary to the diabetes. COPD, hypothyroidism.

Z47.81 Aftercare, following surgery (for) (on) amputation

E11.51 Type 2 diabetes with peripheral angiopathy without gangrene

E11.43 Type 2 diabetes with gastroparesis

J44.9 COPD

E03.9 Hypothyroidism, unspecified

Z79.4 Long term (current use) of insulin

Z89.432 Absence of (complete or partial) left foot (acquired)

One More Scenario

- Patient admitted with ulcerated varicose veins of right calf and left shin. Dressings changes. HTN.
- **I83.212** Varicose veins of right lower extremity with both ulcer of calf and inflammation
- **L97.219** Non-pressure chronic ulcer of other part of right calf with unspecified severity
- **I83.228** Varicose veins of lower extremity with other ulcer of other part of lower extremity and inflammation
- **L97.829** Non-pressure chronic ulcer of other part of left lower leg with unspecified severity
- **I10** Essential (primary) HTN
- **Z48.00** Non-surgical dressing changes

More Common Case Scenarios

- **Stasis ulcer left calf, fat layer exposed. COPD.**
 - I87.2 Venous insufficiency (chronic) (peripheral)
 - L97.222 Non-pressure chronic ulcer of left calf, with fat layer exposed
 - J44.9 COPD

- **Infected stasis ulcer right ankle due to varicose veins.**
 - I83.213 Varicose vein of right lower extremity with both ulcer and inflammation
 - L97.319 Non-pressure chronic ulcer of right ankle with unspecified severity

Traumatic Wounds

- **Cause**
 - Injury (Sports; Vehicles; Other)
- **Code Assignment**
 - Anatomic Site
 - Mechanism of Injury
 - If Foreign Bodies are Involved
 - Specific Injury
 - Laceration
 - Puncture Wound
 - Open Bite
 - Avulsion
 - Episode of Care (7th character)



Code Guidelines



- **Injury, Poisoning, and Certain Other Consequences of External Causes (S00-T88)**
 - Most Categories require the 7th character for encounter
 - Aftercare Z codes are *not* used for aftercare for injuries
 - Assign the acute injury code with the 7th character “D” (subsequent encounter)
 - Extension “S” for sequela is for use with complications or conditions that arise as a direct result of an injury, such as a scar formation from a burn
 - The “S” is added to the injury code
 - The sequela is listed first, followed by the injury code
 - Superficial injuries are not coded when associated with more severe injuries of the same site

Injury & External Cause Extensions

- **Injury Extensions: 7th Digit**
 - A = Initial encounter
 - D = Subsequent encounter
 - S = Sequelae
 - **Aftercare codes for surgery due to trauma or injury are no longer used**
 - Code the traumatic injury
 - Check the 7th character extension for each category
 - S01.05xD Open bite of scalp, subsequent encounter

Injury Code Examples

- **S01.01** Laceration without foreign body scalp
- **S06.2x0** Diffuse traumatic brain injury without loss of consciousness
- **S23.0** Traumatic rupture of thoracic vertebrae
- **S31.812** Laceration with foreign body of right buttock
- **S36.115** Moderate laceration of liver
- **S37.021** Major contusion of right kidney
- **S40.811** Abrasion of right upper arm
- **S43.005** Unspecified dislocation of left shoulder
- **S47.2** Crushing injury of left shoulder and upper arm

Common Case Scenario

- **Patient admitted post hospitalization for repair of traumatic fracture right hip. Insulin dependent diabetic with neuropathy. HTN; Hyperlipidemia.**

S72.001D Subsequent encounter for closed fracture with routine healing

E11.40 Type 2 Diabetes with neuropathy

I10 Essential Hypertension

E78.5 Hyperlipidemia

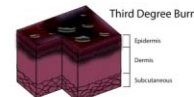
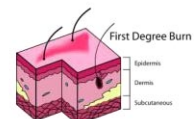
Z79.4 Long term current use of insulin

More Case Scenarios

- **Aftercare for traumatic amputation of right foot. Diabetic PVD.**
 - S98.021D Traumatic amputation of right foot at ankle level, subsequent encounter
 - E11.51 Diabetes with peripheral angiopathy without gangrene
 - Z48.01 Encounter for change or removal of surgical wound dressings
- **Patient admitted post graft upper right arm following a third degree burn. Dressing changes.**
 - T22.331D Burn of third degree of right upper arm, subsequent encounter
 - Z48.01 Encounter for change of surgical wound dressings

Burns

- **Degree of Injury**
 - First; Second; Third
 - TBSA: Total Body Surface Area
- **Code Selection**
 - Cause of Injury to Flesh
 - Heat; electricity; chemicals; radiation; friction
 - Classification
 - Mechanism; depth; extent; associated injuries
- **7th Character Extension**
 - A Initial Encounter
 - D Subsequent Encounter
 - S Sequela (Late Effects)



Some Burn Code Examples

- T22.041 Burn of unspecified degree of right axilla
- T22.141 Burn of first degree of right axilla
- T22.241 Burn of second degree of right axilla
- T22.341 Burn of third degree of right axilla
- T22.441 Corrosion of unspecified degree of right axilla
- T22.541 Corrosion of first degree of right axilla
- T22.641 Corrosion of second degree of right axilla
- T22.741 Corrosion of third degree of right axilla
- T25.111 Burn of first degree of right ankle
- T25.112 Burn of first degree of left ankle

Surgical Aftercare Codes

- Z48 Encounter for other postprocedural aftercare
 - Z48.2 Encounter for Organ Transplant
 - Z48.21 Encounter for aftercare following heart transplant
 - Z48.3 Aftercare for surgery for neoplasm
Use additional code for the neoplasm
 - Z48.81 Encounter for surgical aftercare following surgery on specified body systems
 - Z48.810 Encounter for surgical aftercare following surgery on the sense organs
 - Z48.811 Encounter for surgical aftercare following surgery on the nervous system
 - Z48.813 Encounter for surgical aftercare following surgery on the respiratory system
 - Z48.814 Encounter for surgical aftercare following surgery on the teeth or oral cavity

More on Z Codes

- **Z48 Encounter for other postprocedural aftercare**
 - **Z48.0 Encounter for attention to dressings, sutures and drains**
Excludes1: encounter for planned postprocedural wound closure (Z48.1)
 - **Z48.00 Encounter for change or removal of nonsurgical wound dressing**
Encounter for change or removal of wound dressing NOS
 - **Z48.01 Encounter for change or removal of surgical wound dressing**
 - **Z48.02 Encounter for removal of sutures**
Encounter for removal of staples
 - **Z48.03 Encounter for change or removal of drains**
- **Z48.1 Encounter for planned postprocedural wound drainage**

More Aftercare Z Codes

- **Z47 Orthopedic aftercare**
Excludes1 Aftercare for healing fracture-code to fracture with 7th character D
 - **Z47.1 Aftercare following joint replacement surgery**
Use additional code to identify the joint (Z96.6-)
 - **Z47.2 Encounter for removal of internal fixation device**
 - **Z47.81 Encounter for orthopedic aftercare following surgical amputation**
Use additional code to identify the limb amputated (Z89.-)
 - **Z47.82 Encounter for orthopedic aftercare following scoliosis surgery**
 - **Z47.89 Encounter for other orthopedic aftercare**
- **Z48 Encounter for other postprocedural aftercare**

Case Scenario

- Patient admitted to home health post right hip replacement. SVN for PT/INR & dressing changes. PT for gait training, home safety, muscle strengthening and assistive device. HTN.

ICD-9-CM

~~V54.81 A/C Joint Replacement
781.2 Abnormal gait
401.9 HTN
V58.83 Enctr. Drug monitoring
V58.61 Long term Use of anticoags
V58.31 Dressing Changes
V43.65 Joint Replaced, Hip~~

ICD-10-CM

Z47.1 A/C joint replacement
Z96.641 Right artificial hip joint
I10 HTN
Z51.81 Enctr. therap. drug mn.
Z79.01 LT use anticoags
Z48.01 Surgical dressing chngs.

Another Case Scenario

- Patient admitted post hospitalization for modified radical mastectomy for adenocarcinoma of the lower-outer quadrant of the right breast. Dressing changes. To see oncologist in one week for further treatment. Insulin dependent diabetic with neuropathy. HTN; Hyperlipidemia.
Z48.3 Aftercare following surgery for neoplasm
C50.511 Malignant breast cancer, lower-outer quadrant
E11.40 Type 2 Diabetes with neuropathy
I10 Essential Hypertension
E78.5 Hyperlipidemia
Z48.01 Surgical dressing changes
Z79.4 Long term current use of insulin
Z90.11 Absence, acquired, breast

Another Common Case Scenario

- Patient admitted post hospitalization for CABG for CAD. HTN; Hyperlipidemia; Monoplegia lower right limb post CVA 2 years ago..

Z48.812 Aftercare following surgery for circulatory system

I25.10 CAD

I69.341 Monoplegia, lower right limb, post CVA

I10 Essential Hypertension

E78.5 Hyperlipidemia

Z95.1 Status post aortocoronary bypass

Quick Check

- ICD-10-CM directs coders to list all pressure ulcer sites.
 - True
 - False
- There is no surgical aftercare code (Z) for surgery due to injury or trauma.
 - True
 - False
- Code the wound etiology first, if known.
 - True
 - False

Complications: L76

- **Moved to Procedure Specific Body Systems Chapters**
 - Intraoperative & Postprocedural Complications
 - Additional codes to specify nature of complication
- **Example:**
 - **L76.01** Intraoperative hemorrhage and hematoma of skin and subcutaneous tissue complicating a dermatologic procedure
 - **L76.12** Accidental puncture and laceration of skin and subcutaneous tissue during other operation

Consider Coder Challenges

- **Back to Basics**
 - Utilize 10 Steps of Code Assignment
 - Use both Alphabetic and Tabular Index
 - Visit: www.who.int.classifications/icd/en
 - Access searchable database of codes
- **Cannot Rely on Coding Guidance**
 - All Previous Guidances Retired with ICD-9-CM
 - Instructions embedded in Tabular Index
- **ICD-10 is the Property of WHO**
 - Additional Guidance requires WHO Approval
 - Stay tuned for more information on this process

More Challenges

- **Documentation Needs**
 - Requires *increased specificity* in the clinical documentation
- **Specific Documentation Needs**
 - *Laterality; Severity; Specific Affected site; Clinical Specificity*
 - **Examples:**
 - L89.011 Pressure ulcer of right elbow, stage 1
 - L03.012 Cellulitis of left finger
 - L24.5 Irritant contact dermatitis due to other chemical products
 - L02.512 Cutaneous abscess of left hand
 - S06.374 Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours
 - T24.632 Corrosion of second degree of left lower leg

Agency Risk Areas



- **Lack of access to ICD-10-CM Resources**
- **Lack of supporting physician documentation for accurate primary and secondary diagnoses and code assignment**
 - Lack of access to precise clinical documentation
- **Lack of substantiating clinician documentation in the OASIS assessment to support the selection and sequencing of primary and secondary diagnoses**
- **Not following ICD-10-CM code convention and Code Guidelines**

Resource Web Sites

www.cms.hhs.gov/ICD10
Centers for Medicare & Medicaid Services
ICD-10 Web Site

www.cdc.gov/nchs/icd/icd10cm.htm#10update
Centers for Disease Control
Official ICD-10-CM Code Guidelines

www.ahima.org
AHIMA (American Health Information Management Association)

www.cms.hhs.gov/ICD9ProvidersDiagnosticCodes/03_meetings.asp
ICD-9-CM Coordination & Maintenance Committee Meetings

www.medicalspecialtycoding.com
Board of Medical Specialty Coding



Available Education Programs as Webcasts and DVDs

- ICD-10-CM Transition - 6 Part Series
- Available as individual programs. Part 1: Fundamentals, Part 2: Diabetes, Part 3: Cardiovascular, Part 4: Pulmonary, Part 5: Rehabilitation, Part 6: Wounds
- ACOs: What Impact Do They Have on The Health Care System and Home Care?
- Infection Control for Home Care and Hospice Question and Answer Session
- Episodic Payment System (NY) Webcast Series - 2 Part Series
- Health Care Reform, Palliative Care and Quality of Life Issues - Live Webcast on 7/18/12 (1 - 2pm EST)
- 2013 ICD-9-CM Code Updates
- ICD-9-CM Code Series (Beginner; Intermediate; Advanced)
- 2013 Home Health PPS Updates
- FREE Program - Home Health Audit Priorities
- FREE Program - ICD-10-CM: Coming to Home Health in 2013

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