

Immunodeficiency Status

Jeffrey Linzer, MD, FAAP, FACEP

American Academy of Pediatrics

Representative to ICD-10-CM/PCS EAB

Professor of Pediatrics and Emergency Medicine

Emory University School of Medicine

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®



WHY A NEW CODE?

- 10 year-old had a splenectomy due to a splenic laceration
 - there are ~22,000 splenectomies/year (all ages) associated with abdominal trauma
- Child is now at risk for infections by encapsulated organisms and may require daily prophylactic antibiotics
 - Haemophilus influenzae
 - Streptococcus pneumoniae
 - Neisseria meningitidis
 - Salmonella typhi
- There is also an increased risk of pneumonia, meningitis and septicemia



WHY A NEW CODE?

- 12 year-old with severe persistent asthma who requires daily oral steroids to keep his asthma under control
- The effects on the child's immune system are part of the usefulness and expected affect of the medicine and not an adverse effect



WHY A NEW CODE?

- Immunocompromised
- Immunodeficient
- Immunosuppressed
- May be due to
 - underlying disease where it is inherent, e.g. HIV
 - underlying condition where there is an increased risk, e.g. acquired absence of spleen
 - medication, e.g. steroids
 - external management of a condition, e.g. radiation therapy

All mean the patient's immune system isn't working normally

WHY A NEW CODE?

Current codes

- D84.8 Other specified immunodeficiencies
- D84.9 Immunodeficiency, unspecified

Proposed codes

- D84.8 Other specified immunodeficiencies

New code D84.81 Immunodeficiency due to conditions classified elsewhere

- *Add Code* first underlying condition, if known

New sub-subcategory D84.82 Immunodeficiency due to drugs and external causes

New code D84.821 Immunodeficiency due to drugs

New code D84.822 Immunodeficiency due to external causes



PROPOSAL

- D84 Other immunodeficiencies
- D84.8 Other specified immunodeficiencies
 - *New code* D84.81 Immunodeficiency due to conditions classified elsewhere
 - *Add Code first* underlying condition, if known, such as:
 - ~ *Add* acquired absence of spleen (Z90.81)
 - ~ *Add* chromosomal abnormalities (Q90-Q99)
 - ~ *Add* congenital absence and malformations of spleen (Q89.0)
 - ~ *Add* diabetes mellitus (E08-E13)
 - ~ *Add* malignant neoplasms (C00-C96)
 - ~ *Add* transplanted organ and tissue (Z94)
 - *Add Excludes1*: combined immunodeficiencies (D81.-)
 - ~ *Add* common variable immunodeficiency (D83.-)
 - ~ *Add* defects in the complement system (D84.1)
 - ~ *Add* immunodeficiency associated with other major defects (D82.-)
 - ~ *Add* immunodeficiency with predominantly antibody defects (D80.-)
 - ~ *Add* lymphocyte function antigen-1 [LFA-1] defect (D84.0)



PROPOSAL

- **New sub-subcategory D84.82 Immunodeficiency due to drugs and external causes**
 - **New code 84.821 Immunodeficiency due to drugs**
 - **Add Excludes2: Adverse effect of drug (T36-T50 with fifth or six character 5)**
 - **Add Code also drug or medication such as:**
 - ~ Add encounter for antineoplastic chemotherapy and immunotherapy (Z51.1)
 - ~ Add long term (current) drug therapy (Z79.-)
 - **New code D84.822 Immunodeficiency due to external causes**
 - **Add Code also external cause such as:**
 - ~ Add encounter for antineoplastic radiation therapy (Z51.0)
 - ~ Add exposure to ionizing radiation (W88)
 - ~ other contact with and (suspected) exposures hazardous to health (Z77)
 - **New code D84.89 Other immunodeficiencies**

D84.9 Immunodeficiency, unspecified

- **Add Immunocompromised NOS**
- **Add Immunodeficient NOS**
- **Add Immunosuppressed NOS**

Poisoning by, adverse effects of and underdosing of drugs, medicaments and biological substances (T36-T50)

Excludes2:

- **Add immunodeficiency due to drugs (D84.821)**



Questions?

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

