

APPENDIX A. Clinical Coding Criteria to Identify Healthcare-Associated Infection (HAI)-Related Inpatient Stays

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Hospital Differences in Adult Inpatient Stays with Healthcare-Associated Infections, 2019 and 2021

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The ICD-10-CM diagnosis codes used to identify healthcare associated infection (HAI)-related inpatient stays are listed in Table A.1.

Table A.1. Clinical coding of HAIs with valid ICD-10-CM codes through FY 2024

Diagnosis or procedure	ICD-10-CM/PCS code	ICD-10-CM/PCS code description
Central line-associated bloodstream infection (CLABSI)		
Diagnosis	T80211A	Bloodstream infection due to central venous catheter, initial encounter
Catheter-associated urinary tract infection (CAUTI)		
Any of the following diagnosis codes (secondary diagnoses, not present on admission)		
Diagnosis	T83511A	Infection and inflammatory reaction due to indwelling urethral catheter, initial encounter
Diagnosis	T8351XA	Infection and inflammatory reaction due to indwelling urinary catheter, initial encounter (pre-existing code before 10/1/2016)
OR, the following procedure code + any of the following diagnosis codes (secondary diagnoses, not present on admission)		
Procedure	0T9B70Z	Drainage of Bladder with Drainage Device, Via Natural or Artificial Opening
Diagnosis	N10	Acute pyelonephritis
Diagnosis	N151	Renal and perinephric abscess
Diagnosis	N12	Tubulo-interstitial nephritis, not specified as acute or chronic (pyelonephritis NOS)
Diagnosis	N159	Renal tubulo-interstitial disease, unspecified (pyelonephritis)
Diagnosis	N3000	Acute cystitis without hematuria
Diagnosis	N3001	Acute cystitis with hematuria
Diagnosis	N3080	Other cystitis without hematuria
Diagnosis	N3081	Other cystitis with hematuria
Diagnosis	N3090	Cystitis, unspecified without hematuria
Diagnosis	N3091	Cystitis, unspecified with hematuria
Diagnosis	N390	Urinary tract infection, site not specified
Ventilator-associated pneumonia (VAP)		
Diagnosis	J95851	Ventilator-associated pneumonia
Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)		
Diagnosis	A4102	Sepsis due to Methicillin resistant <i>Staphylococcus aureus</i>
Diagnosis	A4902	Methicillin resistant <i>Staphylococcus aureus</i> infection, unspecified site
Diagnosis	B9562	Methicillin resistant <i>Staphylococcus aureus</i> infection as the cause of diseases classified elsewhere
Diagnosis	J15212	Pneumonia due to Methicillin resistant <i>Staphylococcus aureus</i>
<i>Clostridioides difficile</i> (<i>C. difficile</i>)		
Diagnosis	A047	Enterocolitis due to <i>Clostridium difficile</i>
Diagnosis	A0471	Enterocolitis due to <i>Clostridium difficile</i> , recurrent
Diagnosis	A0472	Enterocolitis due to <i>Clostridium difficile</i> , not specified as recurrent