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Current UDS Impact for Infectious Conditions

- HIV Screening for ages 15-65
 - Numerator = number of patients who were screened for HIV while 15-65
 - Denominator = number of patients 15-65
- HIV follow-up for patients with their first-ever diagnosis of HIV
 - For those who were first diagnosed with HIV during the measurement period, did they receive follow-up treatment within 30 days?
 - Numerator = number of patients who received follow-up treatment within 30 days of that first-ever diagnosis
 - Denominator = number of patients with first ever diagnosis of HIV between 12/1 of the prior year and 11/30 of the current year



Healthy People 2030 Measures Reduce the rate of deaths due to hepatitis B and C • Increase the proportion of people who know they have chronic hepatitis **B** • Increase the proportion of people who no longer have hepatitis C • Reduce infections of HPV types through young adult vaccines • Reduce the rate of hepatitis A, acute hepatitis B and acute hepatitis C Continued vaccination efforts BCAREV 19



Stages of HIV

- Stage 1 Acute HIV Infection
 - May or may not experience mild flu-like symptoms
 - Very contagious in this stage
- Stage 2 Chronic HIV Infection
 - Asymptomatic stage
 - Can transmit HIV
 - HIV meds available to prevent progression
- Stage 3 AIDS
 - Most severe stage
 - Immune system badly damaged, allowing opportunistic infections
 - May be very infectious
 - Without treatment, live span may be only 3 years

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HIV Scenario #2

- HIV positive pt presents for routine follow-up. No concerns today. Hx of hospitalization for CMV 1 year ago, but no illness since then. Refill meds, F/U in 4 months.
- Z21 per chief complaint.
- B20 due to history of CMV infection, regardless of current status.
- Likely on ART, add Z79.899 if appropriate.











MRSA Guidelines

Section I, C.1.e

1. Selection and sequencing of MRSA codes (a) Combination codes for MRSA infection

- When a patient is diagnosed with an infection that is due to methicillin resistant *Staphylococcus aureus (MRSA), and that* infection has a combination code that includes the causal organism (e.g., sepsis, pneumonia) assign the appropriate combination code for the condition (e.g., code A41.02, Sepsis due to Methicillin resistant Staphylococcus aureus or code J15.212, Pneumonia due to Methicillin resistant Staphylococcus aureus). Do not assign code B95.62, Methicillin resistant Staphylococcus aureus infection as the cause of diseases classified elsewhere, as an additional code because the combination code includes the type of infection and the MRSA organism.
- Do not assign a code from subcategory Z16.11, Resistance to penicillins, as an additional diagnosis.



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MRSA Guidelines Section I, C.1.e (cont'd)

(b) Other codes for MRSA infection

When there is documentation of a current infection (e.g., wound infection, stitch abscess, urinary tract infection) due to MRSA, and that infection does not have a combination code that includes the causal organism, assign the appropriate code to identify the condition along with code B95.62, Methicillin resistant Staphylococcus aureus infection as the cause of diseases classified elsewhere for the MRSA infection.

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ICD-10-CM Guidelines Section I

C.1.d Sepsis, Severe Sepsis, and Septic Shock Infections resistant to antibodies (Cont.)

- 6. Sepsis and severe sepsis associated with a noninfectious process (condition)
 - a) If sepsis or severe sepsis is documented as associated with a noninfectious condition, such as a burn or serious injury, and this condition meets the definition for principal diagnosis, the code for the noninfectious condition should be sequenced first, followed by the code for the resulting infection.
 - b) When a non-infectious condition leads to an infection resulting in severe sepsis, assign the appropriate code from subcategory R65.2, Severe sepsis. Do not additionally assign a code from subcategory R65.1, Systemic inflammatory response syndrome (SIRS) of noninfectious origin.
- 7. Sepsis and septic shock complicating abortion, pregnancy, childbirth, and the puerperium (See Section I.C.15)
- 8. Newborn sepsis (See Section I.C.16.f.)



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A 62 yof presents via ambulance for evaluation. She complains of fever, fatigue, muscle and joint pain. She is noted to be tachycardic and dehydrated. The cause of her symptoms is investigated through multiple lab tests. Cultures grew E. coli, BUN 20, random glucose of 155. CXR shows acute pulmonary edema. Pt was treated with IV abx and fluid replacement. On hospital day 4, she is deemed to have reached maximum inpatient benefit and was switched to oral medications and subsequently discharged.

Discharge Dxs: Septicemia due to E. coli, dehydration, acute pulmonary edema due to CHF











• The E. coli is resolved too? -The next visit

Sepsis Scenario #3

21 month old female presents with fever, vomiting, evident abd pain. Noted to be severely dehydrated, BUN of 54. Blood cultures show Staph aureus, started IV vanco and fluids.

Diagnosis: Sepsis due to Staph with resultant acute renal failure Plan: IV Abx, rehydrate, symptom mgmt.





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