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## Antibiotic Stewardship/Neonatal Sepsis

### Baseline Data Dictionary

The purpose of the Data Dictionary is to develop consistency in data entry. The Data Dictionary refers to elements visible when the reporting forms are printed.

**The inclusion criteria** for this data collection set is all infants who have received antibiotics that were started within the first 48 hours of life. Infants must be born on or after November 1, 2016 and discharged by January 31, 2017.

**Those infants excluded** from this data should be surgical infants and infants that were transferred in from another facility.

### Part I- Admission

1. **Patient admitted to which unit:** The location of the infant is determined by the unit that is deciding overall plan of care for the at risk infant:
  - NICU/SCN : Neonatal Intensive Care Unit/Special Care Nursery
  - NBN: Newborn Nursery
  
2. **Chart Number:** Please do not enter the medical record number. Please enter a number that you determine internally. If a NICU and a Newborn Nursery from the same institution are participating, please develop a naming convention to differentiate those patients (ie. NICU 1 or NBN 1).
  
4. **Admission Date:** The date the infant was admitted to your nursery or NICU  
Format: mm/dd/yyyy
  
5. **Discharge Date:** date infant completed all antimicrobials that were initiated within the first 48 hours of life. (ie. Last dose received on 12/6/16. Discharge date will therefore be 12/6/16) **OR** date infant was discharged from the hospital.  
Format: mm/dd/yyyy
  
6. **Gestational age at delivery:** The number of weeks and days of gestation an infant is born at. For example, an infant may be born at 30 weeks and 5 days gestation.
  
8. **Was a blood culture drawn prior to the initiation of antibiotics?**  
Vascular specimen drawn aseptically. Refer to your specific hospital protocol on how to obtain and from which sites to obtain specimen from.
  - Yes
  - No

8a. If yes, what was the result of the initial blood culture?

- Negative:** no growth determined by lab report
- Positive:** organism growth determined by lab report

9. According to the patient medical administration record, did the infant receive a dose (s) of any antibiotics **within** the first 48 hours of life?

(**First 48 hours of life:** Calculated 48 hours after the exact time of delivery. For example, infant born at 0610 July 6, 2016. 48 hours would be 0610 on July 8, 2016)

- Yes
- No

9a. If yes, indicate which antibiotic was administered.

- Ampicillin
- Gentamicin
- Vancomycin
- Cefotaxime
- Antifungal
- Other cephalosporin

9b. **Antibiotic start date:** date infant received first dose of antibiotic\_\_\_\_\_

9c. **Antibiotic stop date:** date infant received last dose of antibiotic\_\_\_\_\_

9d. **Exact number of doses administered from start date to stop date:** count total number of doses infant actually received\_\_\_\_\_

9e. **Dosing interval:** frequency medication was ordered and given\_\_\_\_\_

10. Was a second antibiotic administered to the infant within the first 48 hours of life?

- Yes
- No

10a. If yes, please indicate the antibiotic.

- Ampicillin
  - Gentamicin
  - Vancomycin
  - Cefotaxime
  - Antifungal
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- Other cephalosporin

10b. **Antibiotic start date:** date infant received first dose of antibiotic\_\_\_\_\_

10c. **Antibiotic stop date:** date infant received last dose of antibiotic\_\_\_\_\_

10d. **Exact number of doses administered from start date to stop date:**  
count total number of doses infant actually received\_\_\_\_\_

10e. **Dosing interval:** frequency medication was ordered and  
given\_\_\_\_\_

13. Ethnicity

- White
- Asian American
- Black or African American
- Hispanic or Latino
- Native Hawaiian & Other Pacific Islander
- American Indian or Alaska Native
- Multiracial
- Refused

14. Payor

- Medicaid
- BCBS/State
- Uninsured
- Other