

| Project Details | |
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| Name | Demo Dictionary |
| Organisation(s) | UHSFT |

| Versioning | |
|---------------|--|
| Version | v0.1 (DRAFT) |
| Version Notes | 230 patients Labetalol, 27 patients Nicardipine. 2018-2025 |

| Cohort | |
|--------------------|--|
| Inclusion Criteria | <p>INCLUSION: Admitted to NICU and require acute control of hypertension</p> <p>Initiation of IV infusion of either Labetalol or Nicardipine</p> <p>Continuous invasive blood pressure monitoring for duration of treatment</p> |
| Exclusion Criteria | <p>EXCLUSION: <18 years of age, patients in Palliative therapy</p> |

| Metadata | |
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| Template Version | v1.1 |
| Tables | 7 |
| Columns | 39 |
| Issues | None |

| Table | Description | CHECKS |
|------------------------------|---------------------------|--------|
| ARC_NICLAB_COMORBIDITIES | Comorbidities / Diagnoses | OK |
| ARC_NICLAB_DECODE_PARAMETERS | Decode of parameters | OK |
| ARC_NICLAB_DEMOGRAPHICS | Demographics | OK |
| ARC_NICLAB_SPELLS | Spell level data | OK |
| ARC_NICLAB_VITALS | Vital Signs | OK |
| ARC_NICLAB_MEDICATIONS | medications | OK |
| ARC_NICLAB_TEXT_SIGNALS | Measurements taken | OK |

| Table | Column | Order | Data Type | Length | Vocabularies | Enumerations | Primary Key | Foreign Key Target | Column Description | CHECKS |
|------------------------------|----------------------------|-------|-----------|--------|--------------|--------------|-------------|--------------------|---|--------|
| ARC_NICLAB_COMORBIDITIES | PATIENT_ID | 1 | Integer | | | | | 1 | Unique patient identifier | OK |
| ARC_NICLAB_COMORBIDITIES | SPELL_ID | 2 | Integer | | | | | 2 | Unique hospital stay/episode identifier | OK |
| ARC_NICLAB_COMORBIDITIES | DIAGNOSIS_CODE | 3 | Text | 5 | | | | 3 | Clinical diagnosis code | OK |
| ARC_NICLAB_COMORBIDITIES | PRIMARY_DIAGNOSIS | 4 | Text | 1 | | | | | Flag indicating primary diagnosis | OK |
| ARC_NICLAB_DECODE_PARAMETERS | PARAMETER_ID | 1 | Integer | | | | | 1 | Unique parameter identifier | OK |
| ARC_NICLAB_DECODE_PARAMETERS | PARAMETER_NAME | 2 | Text | 85 | | | | | Parameter name/description | OK |
| ARC_NICLAB_DECODE_PARAMETERS | UNIT | 3 | Text | 9 | | | | | Measurement unit | OK |
| ARC_NICLAB_DEMOGRAPHICS | PATIENT_ID | 1 | Integer | | | | | 1 | Unique patient identifier | OK |
| ARC_NICLAB_DEMOGRAPHICS | PATIENT_HASH | 2 | Text | 64 | | | | | Anonymised patient identifier | OK |
| ARC_NICLAB_DEMOGRAPHICS | YEAR_OF_BIRTH | 3 | Integer | | | | | | Year of birth | OK |
| ARC_NICLAB_DEMOGRAPHICS | MONTH_OF_BIRTH | 4 | Integer | | | | | | Month of birth | OK |
| ARC_NICLAB_DEMOGRAPHICS | DECEASED | 5 | Text | 1 | | | | | Death indicator (yes/no) | OK |
| ARC_NICLAB_DEMOGRAPHICS | SEX | 6 | Text | 6 | | | | | Patient gender | OK |
| ARC_NICLAB_DEMOGRAPHICS | ETHNICITY | 7 | Text | 31 | | | | | Patient ethnicity | OK |
| ARC_NICLAB_DEMOGRAPHICS | IMD_DECILE | 8 | Integer | | | | | | Socioeconomic deprivation decile | OK |
| ARC_NICLAB_SPELLS | PATIENT_ID | 1 | Integer | | | | | | Unique patient identifier | OK |
| ARC_NICLAB_SPELLS | SPELL_ID | 2 | Integer | | | | | 1 | Unique hospital stay/episode identifier | OK |
| ARC_NICLAB_SPELLS | ADMISSION_DATE | 3 | Timestamp | | | | | | Hospital admission date/time | OK |
| ARC_NICLAB_SPELLS | DISCHARGE_DATE | 4 | Timestamp | | | | | | Hospital discharge date/time | OK |
| ARC_NICLAB_SPELLS | ICU_ADMISSION_DATE | 5 | Timestamp | | | | | | ICU admission date/time | OK |
| ARC_NICLAB_SPELLS | ICU_DISCHARGE_DATE | 6 | Timestamp | | | | | | ICU discharge date/time | OK |
| ARC_NICLAB_SPELLS | ORGANISATION_CODE | 7 | Text | 3 | | | | | Hospital/site code | OK |
| ARC_NICLAB_SPELLS | ADMISSION_METHOD_CODE | 8 | Text | 2 | | | | | Admission method code | OK |
| ARC_NICLAB_SPELLS | ADMISSION_METHOD | 9 | Text | 50 | | | | | Admission method description | OK |
| ARC_NICLAB_SPELLS | ADMISSION_SOURCE_CODE | 10 | Integer | | | | | | Admission source code | OK |
| ARC_NICLAB_SPELLS | ADMISSION_SOURCE | 11 | Text | 34 | | | | | Admission source description | OK |
| ARC_NICLAB_SPELLS | DISCHARGE_DESTINATION_CODE | 12 | Integer | | | | | | Discharge destination code | OK |
| ARC_NICLAB_SPELLS | DISCHARGE_DESTINATION | 13 | Text | 40 | | | | | Discharge destination description | OK |
| ARC_NICLAB_SPELLS | NICARDIPINE_FLG | 14 | Text | 1 | | | | | Indicator for Nicardipine use | OK |
| ARC_NICLAB_SPELLS | LABETALOL_FLG | 15 | Text | 1 | | | | | Indicator for Labetalol use | OK |
| ARC_NICLAB_VITALS | PATIENT_ID | 1 | Integer | | | | | 1 | Unique patient identifier | OK |
| ARC_NICLAB_VITALS | SPELL_ID | 2 | Integer | | | | | 2 | Unique hospital stay/episode identifier | OK |
| ARC_NICLAB_VITALS | PARAMETER_ID | 3 | Integer | | | | | 3 | Unique parameter identifier | OK |
| ARC_NICLAB_VITALS | TIME | 4 | Timestamp | | | | | 4 | Timestamp of measurement | OK |
| ARC_NICLAB_VITALS | VALUE | 5 | Float | | | | | | Numeric measurement value | OK |
| ARC_NICLAB_MEDICATIONS | ORDER_ID | 1 | Integer | | | | | 1 | Unique medication order identifier | OK |
| ARC_NICLAB_MEDICATIONS | PATIENT_ID | 2 | Integer | | | | | | Unique patient identifier | OK |
| ARC_NICLAB_MEDICATIONS | SPELL_ID | 3 | Integer | | | | | | Unique hospital stay/episode identifier | OK |
| ARC_NICLAB_MEDICATIONS | MEDICATION_NAME | 4 | Text | 50 | | | | | Medication name | OK |
| ARC_NICLAB_MEDICATIONS | ADMINISTRATION_DATETIME | 5 | Timestamp | | | | | | Medication administration start time | OK |
| ARC_NICLAB_MEDICATIONS | ADMINISTRATION_ENDTIME | 6 | Timestamp | | | | | | Medication administration end time | OK |
| ARC_NICLAB_MEDICATIONS | ROUTE | 7 | Text | 20 | | | | | Administration route (e.g. IV) | OK |
| ARC_NICLAB_MEDICATIONS | SITE | 8 | Text | 12 | | | | | Administration site | OK |
| ARC_NICLAB_MEDICATIONS | TOTAL_VOLUME | 9 | Float | | | | | | Total volume administered | OK |
| ARC_NICLAB_MEDICATIONS | TOTAL_VOLUME_UNIT | 10 | Text | 2 | | | | | Unit of volume | OK |
| ARC_NICLAB_TEXT_SIGNALS | PATIENT_ID | 1 | Integer | | | | | | Unique patient identifier | OK |
| ARC_NICLAB_TEXT_SIGNALS | SPELL_ID | 2 | Integer | | | | | 1 | Unique hospital stay/episode identifier | OK |
| ARC_NICLAB_TEXT_SIGNALS | PARAMETER_ID | 3 | Integer | | | | | 2 | Unique parameter identifier | OK |
| ARC_NICLAB_TEXT_SIGNALS | TIME | 4 | Timestamp | | | | | 3 | Timestamp of measurement | OK |
| ARC_NICLAB_TEXT_SIGNALS | OBSERVATION_NO | 5 | Integer | | | | | 4 | Observation sequence number | OK |

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| ARC_NICLAB_TEXT_SIGNALS | VALUE_TEXT | 6 Text | 92 | Text-based measurement value | OK |
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| Table | Column | Code | Name | Description | CHECKS |
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