# Appendix D –N-Series Monitors HL7 Export Nomenclature

## D.1 Supported Observations Parameter

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | SpO2 1 Saturation | |  |  | 150456 | MDC\_PULS\_OXIM\_SAT\_O2 | MDC | 1.3.1.150456 | MDC\_DIM\_PERCENT |
|  | |
|  | SpO2 1 Pulse Rate | |  |  | 149530 | MDC\_PULS\_OXIM\_PULS\_RATE | MDC | 1.3.1.149530 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | |
|  | SpO2 1 Perfusion Index | | |  | 150488 | MDC\_BLD\_PERF\_INDEX | MDC | 1.3.1.150488 | MDC\_DIM\_PERCENT |
|  | | |
|  | SpO2 2 Saturation | |  |  | 150456 | MDC\_PULS\_OXIM\_SAT\_O2 | MDC | 1.3.2.150456 | MDC\_DIM\_PERCENT |
|  | |
|  | SpO2 2 Pulse Rate | |  |  | 149530 | MDC\_PULS\_OXIM\_PULS\_RATE | MDC | 1.3.2.149530 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | |
|  | SpO2 2Perfusion Index | | |  | 150488 | MDC\_BLD\_PERF\_INDEX | MDC | 1.3.2.150488 | MDC\_DIM\_PERCENT |
|  | | |
|  | △SpO2 |  | |  | 137 | MNDRY\_PULS\_OXIM\_SAT\_O2\_DIFF | 99MNDRY | 1.3.1.137 | MDC\_DIM\_PERCENT |

Table 17 O2 Venous Saturation Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | SvO2 | |  | | | 150332 | MDC\_SAT\_O2\_VEN | MDC | 1.4.1.150332 | MDC\_DIM\_PERCENT |
|  | |
|  | ScvO2(Central Venous Oxygen | | | | | 109 | MNDRY\_SAT\_O2\_VEN\_CENT | 99MNDRY | 1.4.1.109 | MDC\_DIM\_PERCENT |
| Saturation) | | | | |
|  | SaO2 | | |  | | 150324 | MDC\_SAT\_O2\_ART | MDC | 1.4.1.150324 | MDC\_DIM\_PERCENT |
|  | | |
|  | VO2 | |  | | | 152420 | MDC\_FLOW\_O2\_CONSUMP | MDC | 1.4.1.152420 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | |
|  | DO2 | |  | | | 138 | MNDRY\_SAT\_O2\_DELIV | 99MNDRY | 1.4.1.138 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | |
|  | DO2I | |  | | | 139 | MNDRY\_SAT\_O2\_DELIV\_INDEX | 99MNDRY | 1.4.1.139 | MDC\_DIM\_MILLI\_L\_PER\_MIN\_PER\_M\_SQ |
|  | |
|  | VO2I | |  | | | 140 | MNDRY\_SAT\_O2\_CONSUMP\_INDEX | 99MNDRY | 1.4.1.140 | MDC\_DIM\_MILLI\_L\_PER\_MIN\_PER\_M\_SQ |
|  | |
|  | Hb |  | | | | 159764 | MDC\_CONC\_HB\_ART | MDC | 1.4.1.159764 | MDC\_DIM\_G\_PER\_DL |
|  |
|  | Hct |  | | | | 160132 | MDC\_CONC\_HCT\_GEN | MDC | 1.4.1.160132 | MDC\_DIM\_PERCENT |
|  |
|  | O2EI | |  | | | 141 | MNDRY\_SAT\_O2\_EXTRACTION\_INDEX | 99MNDRY | 1.4.1.141 | MDC\_DIM\_PERCENT |
|  | |
| **Observa** | | | | | **tion Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | SvO2 SQI | | | |  | 142 | MNDRY\_SAT\_O2\_SIGNAL\_QUALITY\_IND  EX | 99MNDRY | 1.4.1.142 | MDC\_DIM\_DIMLESS |
|  | | | |

Table 18 Pressure Calculations

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | CePP | |  | 153604 | MDC\_PRESS\_CEREB\_PERF | MDC | 1.1.10.153604 | MDC\_DIM\_MMHG |
|  | |
|  | APP |  | | 104 | MNDRY\_PRESS\_ABDOM\_PERF | 99MNDRY | 1.1.10.104 | MDC\_DIM\_MMHG |
|  |

Table 19 Blood Pressure Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | IBP Systolic, Channel 1-8 | | | | | |  | 150017 | MDC\_PRESS\_BLD\_SYS | MDC | 1.1.1.150017-1.1.8.150017 | MDC\_DIM\_MMHG |
|  | | | | | |
|  | IBP Diastolic, Channel 1-8 | | | | | |  | 150018 | MDC\_PRESS\_BLD\_DIA | MDC | 1.1.1.150018-1.1.8.150018 | MDC\_DIM\_MMHG |
|  | | | | | |
|  | IBP Mean, Channel 1-8 | | | |  | |  | 150019 | MDC\_PRESS\_BLD\_MEAN | MDC | 1.1.1.150019-1.1.8.150019 | MDC\_DIM\_MMHG |
|  | | | |
|  | ART Systolic, Channel | | | |  | |  | 150037 | MDC\_PRESS\_BLD\_ART\_ABP\_SYS | MDC | 1.1.1.150037 | MDC\_DIM\_MMHG |
|  | | | |
|  | ART Diastolic, Channel | | | | |  |  | 150038 | MDC\_PRESS\_BLD\_ART\_ABP\_DIA | MDC | 1.1.1.150038 | MDC\_DIM\_MMHG |
|  | | | | |
|  | ART Mean, Channel | | |  | | |  | 150039 | MDC\_PRESS\_BLD\_ART\_ABP\_MEAN | MDC | 1.1.1.150039 | MDC\_DIM\_MMHG |
|  | | |
|  | ART pulse rate |  | | | | |  | 364 | MNDRY\_BLD\_PULS\_RATE\_ART\_ABP | 99MNDRY | 1.1.1.364 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |
|  | ART2 Systolic, Channel | | | | |  |  | 150037 | MDC\_PRESS\_BLD\_ART\_ABP\_SYS | MDC | 1.1.2.150037 | MDC\_DIM\_MMHG |
|  | | | | |
|  | ART2 Diastolic, Channel | | | | |  |  | 150038 | MDC\_PRESS\_BLD\_ART\_ABP\_DIA | MDC | 1.1.2.150038 | MDC\_DIM\_MMHG |
|  | | | | |
|  | ART2 Mean, Channel | | | |  | |  | 150039 | MDC\_PRESS\_BLD\_ART\_ABP\_MEAN | MDC | 1.1.2.150039 | MDC\_DIM\_MMHG |
|  | | | |
|  | ART2 Pulse Rate | |  | | | |  | 364 | MNDRY\_BLD\_PULS\_RATE\_ART\_ABP | 99MNDRY | 1.1.1.364 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Observation Type** | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | UA Systolic, Channel | | | | |  |  | | 150057 | MDC\_PRESS\_BLD\_ART\_UMB\_SYS | MDC | 1.1.1.150057 | MDC\_DIM\_MMHG |
|  | | | | |
|  | UA Diastolic, Channel | | | | |  |  | | 150058 | MDC\_PRESS\_BLD\_ART\_UMB\_DIA | MDC | 1.1.1.150058 | MDC\_DIM\_MMHG |
|  | | | | |
|  | UA Mean, Channel | | | |  | |  | | 150059 | MDC\_PRESS\_BLD\_ART\_UMB\_MEAN | MDC | 1.1.1.150059 | MDC\_DIM\_MMHG |
|  | | | |
|  | UA Pulse Rate |  | | | | |  | | 365 | MNDRY\_BLD\_PULS\_RATE\_ART\_UMB | 99MNDRY | 1.1.1.365 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |
|  | LV Systolic, Channel | | | | |  |  | | 150101 | MDC\_PRESS\_BLD\_VENT\_LEFT\_SYS | MDC | 1.1.1.150101 | MDC\_DIM\_MMHG |
|  | | | | |
|  | LV Diastolic, Channel | | | | |  |  | | 150102 | MDC\_PRESS\_BLD\_VENT\_LEFT\_DIA | MDC | 1.1.1.150102 | MDC\_DIM\_MMHG |
|  | | | | |
|  | LV Mean, Channel | | | |  | |  | | 150103 | MDC\_PRESS\_BLD\_VENT\_LEFT\_MEAN | MDC | 1.1.1.150103 | MDC\_DIM\_MMHG |
|  | | | |
|  | LV Pulse Rate |  | | | | |  | | 366 | MNDRY\_BLD\_PULS\_RATE\_VENT\_LEFT | 99MNDRY | 1.1.1.366 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |
|  | PA Systolic, Channel | | | | |  |  | | 150045 | MDC\_PRESS\_BLD\_ART\_PULM\_SYS | MDC | 1.1.1.150045 | MDC\_DIM\_MMHG |
|  | | | | |
|  | PA Diastolic, Channel | | | | |  |  | | 150046 | MDC\_PRESS\_BLD\_ART\_PULM\_DIA | MDC | 1.1.1.150046 | MDC\_DIM\_MMHG |
|  | | | | |
|  | PA Mean, Channel | | | |  | |  | | 150047 | MDC\_PRESS\_BLD\_ART\_PULM\_MEAN | MDC | 1.1.1.150047 | MDC\_DIM\_MMHG |
|  | | | |
|  | PA Pulse Rate |  | | | | |  | | 368 | MNDRY\_BLD\_PULS\_RATE\_ART\_PULM | 99MNDRY | 1.1.1.368 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |
|  | CVP Systolic, Channel | | | | |  |  | | 150085 | MDC\_PRESS\_BLD\_VEN\_CENT\_SYS | MDC | 1.1.1.150085 | MDC\_DIM\_MMHG |
|  | | | | |
|  | CVP Diastolic, Channel | | | | | |  |  | 150086 | MDC\_PRESS\_BLD\_VEN\_CENT\_DIA | MDC | 1.1.1.150086 | MDC\_DIM\_MMHG |
|  | | | | | |  |
|  | CVP Mean, Channel | | | | |  |  | | 150087 | MDC\_PRESS\_BLD\_VEN\_CENT\_MEAN | MDC | 1.1.1.150087 | MDC\_DIM\_MMHG |
|  | | | | |
|  | CVP Pulse Rate | | |  | | |  | | 369 | MNDRY\_BLD\_PULS\_RATE\_VEN\_CENT | 99MNDRY | 1.1.1.369 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | |
|  | ICP Systolic, Channel | | | | |  |  | | 153609 | MDC\_PRESS\_INTRA\_CRAN\_SYS | MDC | 1.1.1.153609 | MDC\_DIM\_MMHG |
|  | | | | |
|  | ICP Diastolic, Channel | | | | | |  | | 153610 | MDC\_PRESS\_INTRA\_CRAN\_DIA | MDC | 1.1.1.153610 | MDC\_DIM\_MMHG |
|  | | | | | |
|  | ICP Mean, Channel | | | |  | |  | | 153611 | MDC\_PRESS\_INTRA\_CRAN\_MEAN | MDC | 1.1.1.153611 | MDC\_DIM\_MMHG |
|  | | | |
|  | ICP Pulse Rate | |  | | | |  | | 376 | MNDRY\_BLD\_PULS\_RATE\_INTRA\_CRAN | 99MNDRY | 1.1.1.376 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | |
|  | IAP Systolic, Channel | | | | |  |  | | 101 | MNDRY\_PRESS\_INTRA\_ABDOM\_SYS | 99MNDRY | 1.1.1.101 | MDC\_DIM\_MMHG |
|  | | | | |
|  | IAP Diastolic, Channel | | | | | |  | | 102 | MNDRY\_PRESS\_INTRA\_ABDOM\_DIA | 99MNDRY | 1.1.1.102 | MDC\_DIM\_MMHG |
|  | | | | | |
|  | IAP Mean, Channel | | | |  | |  | | 103 | MNDRY\_PRESS\_INTRA\_ABDOM\_MEAN | 99MNDRY | 1.1.1.103 | MDC\_DIM\_MMHG |
|  | | | |
|  | LA Systolic, Channel | | | | |  |  | | 150065 | MDC\_PRESS\_BLD\_ATR\_LEFT\_SYS | MDC | 1.1.1.150065 | MDC\_DIM\_MMHG |
|  | | | | |

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| **Observation Type** | | | | | | | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | LA Diastolic, Channel | | | | | | | | |  | | |  | | 150066 | MDC\_PRESS\_BLD\_ATR\_LEFT\_DIA | MDC | 1.1.1.150066 | MDC\_DIM\_MMHG |
|  | | | | | | | | |
|  | LA Mean, Channel | | | | | |  | | | | | |  | | 150067 | MDC\_PRESS\_BLD\_ATR\_LEFT\_MEAN | MDC | 1.1.1.150067 | MDC\_DIM\_MMHG |
|  | | | | | |
|  | LAP Pulse Rate | | | |  | | | | | | | |  | | 370 | MNDRY\_BLD\_PULS\_RATE\_ATR\_LEFT | 99MNDRY | 1.1.11.370 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | |
|  | RA Systolic, Channel | | | | | | | |  | | | |  | | 150069 | MDC\_PRESS\_BLD\_ATR\_RIGHT\_SYS | MDC | 1.1.1.150069 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | RA Diastolic, Channel | | | | | | | |  | | | |  | | 150070 | MDC\_PRESS\_BLD\_ATR\_RIGHT\_DIA | MDC | 1.1.1.150070 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | RA Mean, Channel | | | | | | |  | | | | |  | | 150071 | MDC\_PRESS\_BLD\_ATR\_RIGHT\_MEAN | MDC | 1.1.1.150071 | MDC\_DIM\_MMHG |
|  | | | | | | |
|  | RAP Pulse Rate | | | |  | | | | | | | |  | | 371 | MNDRY\_BLD\_PULS\_RATE\_ATR\_RIGHT | 99MNDRY | 1.1.1.371 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | |
|  | Ao Systolic, Channel | | | | | | | |  | | | |  | | 150029 | MDC\_PRESS\_BLD\_AORT\_SYS | MDC | 1.1.1.150029 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | Ao Diastolic, Channel | | | | | | | |  | | | |  | | 150030 | MDC\_PRESS\_BLD\_AORT\_DIA | MDC | 1.1.1.150030 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | Ao Mean, Channel | | | | | |  | | | | | |  | | 150031 | MDC\_PRESS\_BLD\_AORT\_MEAN | MDC | 1.1.1.150031 | MDC\_DIM\_MMHG |
|  | | | | | |
|  | Ao Pulse Rate | | |  | | | | | | | | |  | | 372 | MNDRY\_BLD\_PULS\_RATE\_AORT | 99MNDRY | 1.1.1.372 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | |
|  | BAP Systolic, Channel | | | | | | | | | | |  |  | | 150681 | MDC\_PRESS\_BLD\_ART\_BRACHIAL\_SYS | MDC | 1.1.1. 150681 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | |
|  | BAP Diastolic, Channel | | | | | | | | | | |  |  | | 150682 | MDC\_PRESS\_BLD\_ART\_BRACHIAL\_DIA | MDC | 1.1.1. 150682 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | |
|  | BAP Mean, Channel | | | | | | | |  | | | |  | | 150683 | MDC\_PRESS\_BLD\_ART\_BRACHIAL\_MEAN | MDC | 1.1.1. 150683 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | BAP Pulse Rate | | | |  | | | | | | | |  | | 373 | MNDRY\_BLD\_PULS\_RATE\_ART\_BRACHIAL | 99MNDRY | 1.1.1.373 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | |
|  | FAP Systolic, Channel | | | | | | | | | | |  |  | | 150649 | MDC\_PRESS\_BLD\_ART\_FEMORAL\_SYS | MDC | 1.1.1. 150649 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | |
|  | FAP Diastolic, Channel | | | | | | | | | | |  |  | | 150650 | MDC\_PRESS\_BLD\_ART\_FEMORAL\_DIA | MDC | 1.1.1. 150650 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | |
|  | FAP Mean, Channel | | | | | | | |  | | | |  | | 150651 | MDC\_PRESS\_BLD\_ART\_FEMORAL\_MEAN | MDC | 1.1.1. 150651 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | FAP Pulse Rate | | | |  | | | | | | | |  | | 374 | MNDRY\_BLD\_PULS\_RATE\_ART\_FEMORIAL | 99MNDRY | 1.1.1.374 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | |
|  | UVP Systolic, Channel 1-8 | | | | | | | | | | | |  | | 150089 | MDC\_PRESS\_BLD\_VEN\_UMB\_SYS | MDC | 1.1.1.150089 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | | |
|  | UVP Diastolic, Channel | | | | | | | | | | |  |  | | 150090 | MDC\_PRESS\_BLD\_VEN\_UMB\_DIA | MDC | 1.1.1.150090 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | |
|  | UVP Mean, Channel | | | | | | | |  | | | |  | | 150091 | MDC\_PRESS\_BLD\_VEN\_UMB\_MEAN | MDC | 1.1.1.150091 | MDC\_DIM\_MMHG |
|  | | | | | | | |
|  | UVP Pulse Rate | | | |  | | | | | | | |  | | 375 | MNDRY\_BLD\_PULS\_RATE\_VEN\_UMB | 99MNDRY | 1.1.1.375 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | |
|  | pART Systolic, PiCCO | | | | | | | | |  | | |  | | 150033 | MDC\_PRESS\_BLD\_ART\_SYS | MDC | 1.1.11.150033 | MDC\_DIM\_MMHG |
|  | | | | | | | | |
| **Observation Type** | | | | | | | | | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | pART Diastolic, PiCCO | | | | | | | | | |  | | |  | 150034 | MDC\_PRESS\_BLD\_ART\_DIA | MDC | 1.1.11.150034 | MDC\_DIM\_MMHG |
|  | | | | | | | | | |
|  | pART Mean, PiCCO | | | | | | |  | | | | | |  | 150035 | MDC\_PRESS\_BLD\_ART\_MEAN | MDC | 1.1.11.150035 | MDC\_DIM\_MMHG |
|  | | | | | | |
|  | pART Pulse Rate | | | | |  | | | | | | | |  | 149522 | MDC\_BLD\_PULS\_RATE\_INV | MDC | 1.1.11.149522 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | | |
|  | pCVP Systolic, PiCCO | | | | | | | | | |  | | |  | 150085 | MDC\_PRESS\_BLD\_VEN\_CENT\_SYS | MDC | 1.1.12.150085 | MDC\_DIM\_MMHG |
|  | | | | | | | | | |
|  | pCVP Diastolic, PiCCO | | | | | | | | | |  | | |  | 150086 | MDC\_PRESS\_BLD\_VEN\_CENT\_DIA | MDC | 1.1.12.150086 | MDC\_DIM\_MMHG |
|  | | | | | | | | | |
|  | pCVP Mean, PiCCO | | | | | | |  | | | | | |  | 150087 | MDC\_PRESS\_BLD\_VEN\_CENT\_MEAN | MDC | 1.1.12.150087 | MDC\_DIM\_MMHG |
|  | | | | | | |
|  | pCVP Pulse Rate | | | | |  | | | | | | | |  | 149522 | MDC\_BLD\_PULS\_RATE\_INV | MDC | 1.1.12.149522 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | | |
|  | IBP Pulse Rate, Channel 1-8 | | | | | | | | | | | | |  | 149522 | MDC\_BLD\_PULS\_RATE\_INV | MDC | 1.1.1.149522-1.1.8.149522 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | | | | | | | | | | |
|  | NIBP Systolic | |  | | | | | | | | | | |  | 150301 | MDC\_PRESS\_CUFF\_SYS | MDC | 1.1.9.150301 | MDC\_DIM\_MMHG |
|  | |
|  | NIBP Diastolic | |  | | | | | | | | | | |  | 150302 | MDC\_PRESS\_CUFF\_DIA | MDC | 1.1.9.150302 | MDC\_DIM\_MMHG |
|  | |
|  | NIBP Mean |  | | | | | | | | | | | |  | 150303 | MDC\_PRESS\_CUFF\_MEAN | MDC | 1.1.9.150303 | MDC\_DIM\_MMHG |
|  |
|  | NIBP Pulse Rate | | | | |  | | | | | | | |  | 149546 | MDC\_PULS\_RATE\_NON\_INV | MDC | 1.1.9.149546 | MDC\_DIM\_BEAT\_PER\_MIN |
|  | | | | |
|  | NIBP Cuff Pressure | | | | | | |  | | | | | |  | 150300 | MDC\_PRESS\_CUFF | MDC | 1.1.9.150300 | MDC\_DIM\_MMHG |
|  | | | | | | |

Table 20 Temperature Observation Type Field Codes

|  |  |  |  |  |  |
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| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| Temperature 1-8 | 150344 | MDC\_TEMP | MDC | 1.2.X.150344  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Esophageal Temperature 1-8 | 150372 | MDC\_TEMP\_ESOPH | MDC | 1.2.X.150372  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Nasal Temperature 1-8 | 150380 | MDC\_TEMP\_NASOPH | MDC | 1.2.X.150380  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Rectal Temperature 1-8 | 188420 | MDC\_TEMP\_RECT | MDC | 1.2.X.188420 | MDC\_DIM\_FAHR |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  |  |  |  | X= 1-3，6-10 |  |
| Bladder Temperature 1-8 | 150348 | MDC\_TEMP\_FOLEY | MDC | 1.2.X.150348  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Axillary Temperature 1-8 | 105 | MNDRY\_TEMP\_AXIL | 99MNDRY | 1.2.X.105 X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Skin Temperature 1-8 | 150388 | MDC\_TEMP\_SKIN | MDC | 1.2.X.150388  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Oral Temperature 1-8 | 188424 | MDC\_TEMP\_ORAL | MDC | 1.2.X.188424  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Tympanic Temperature 1-8 | 150392 | MDC\_TEMP\_TYMP | MDC | 1.2.X.150392  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Intra-cranial Temperature 1-8 | 112 | MNDRY\_TEMP\_INTR\_CRAN | 99MNDRY | 1.2.X.112 X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Temple Temperature 1-8 | 471 | MNDRY\_TEMP\_TEMPLE | 99MNDRY | 1.2.X.471 X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Ear Temperature 1-8 | 188428 | MDC\_TEMP\_EAR | MDC | 1.2.X.188428  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Blood Temperature 1-8 | 188436 | MDC\_TEMP\_BLD | MDC | 1.2.X.188436  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Core Temperature 1-8 | 150368 | MDC\_TEMP\_CORE | MDC | 1.2.X.150368  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Ambiance Temperature 1-8 | 188508 | MDC\_TEMP\_ROOM | MDC | 1.2.X.188508  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Airway Temperature 1-8 | 150356 | MDC\_TEMP\_AWAY | MDC | 1.2.X.150356  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| Myocardium Temperature 1-8 | 188500 | MDC\_TEMP\_MYO | MDC | 1.2.X.188500  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Artery Temperature 1-8 | 150352 | MDC\_TEMP\_ART | MDC | 1.2.X.150352  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| Vein Temperature 1-8 | 150396 | MDC\_TEMP\_VEN | MDC | 1.2.X.150396  X= 1-3，6-10 | MDC\_DIM\_FAHR |
| △Temperature 1-4 | 188440 | MDC\_TEMP\_DIFF | MDC | 1.2.X.188440  X= 4，11-13 | MDC\_DIM\_FAHR |
| Spot Temperature | 150344 | MDC\_TEMP | MDC | 1.2.5.150344 | MDC\_DIM\_FAHR |
| Spot Rectal | 188420 | MDC\_TEMP\_RECT | MDC | 1.2.5.188420 | MDC\_DIM\_FAHR |
| Spot Axillary | 105 | MNDRY\_TEMP\_AXIL | 99MNDRY | 1.2.5.105 | MDC\_DIM\_FAHR |
| Spot Tympanic | 150392 | MDC\_TEMP\_TYMP | MDC | 1.2.5.150392 | MDC\_DIM\_FAHR |
| Spot Oral | 188424 | MDC\_TEMP\_ORAL | MDC | 1.2.5.188424 | MDC\_DIM\_FAHR |
| Spot Ear Temperature | 188428 | MDC\_TEMP\_EAR | MDC | 1.2.5.188428 | MDC\_DIM\_FAHR |
| Spot Core Temperature | 150368 | MDC\_TEMP\_CORE | MDC | 1.2.5.150368 | MDC\_DIM\_FAHR |

Table 21 CO2 Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Inspired CO2 (FiCO2) |  |  | 151716 | MDC\_CONC\_AWAY\_CO2\_INSP | MDC | 1.8.1.151716 | MDC\_DIM\_MMHG |
|  |
|  | End-Tidal CO2 (EtCO2) | |  | 151708 | MDC\_CONC\_AWAY\_CO2\_ET | MDC | 1.8.1.151708 | MDC\_DIM\_MMHG |
|  | |
|  | CO2 Respiration Rate |  |  | 151594 | MDC\_CO2\_RESP\_RATE | MDC | 1.8.1.151594 | MDC\_DIM\_RESP\_PER\_MIN |
|  |

Table 22 Airway Gas Analyzer Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Inspired O2 (FiO2) |  | | | | | |  | 152196 | MDC\_CONC\_AWAY\_O2\_INSP | MDC | 1.9.1.152196 | MDC\_DIM\_PERCENT |
|  |
|  | End-Tidal O2 (EtO2 | ) | | | | | |  | 152440 | MDC\_CONC\_AWAY\_O2\_ET | MDC | 1.9.1.152440 | MDC\_DIM\_PERCENT |
|  |
|  | Inspired N2O(FiN2O) | |  | | | | |  | 152192 | MDC\_CONC\_AWAY\_N2O\_INSP | MDC | 1.9.1.152192 | MDC\_DIM\_PERCENT |
|  | |
|  | End-Tidal N2O(EtN2O) | | |  | | | |  | 152108 | MDC\_CONC\_AWAY\_N2O\_ET | MDC | 1.9.1.152108 | MDC\_DIM\_PERCENT |
|  | | |
|  | Agent, Inspired (FiAA), Primary | | | | | | |  | 152464 | MDC\_CONC\_AWAY\_AGENT\_INSP | MDC | 1.9.1.152464 | MDC\_DIM\_PERCENT |
|  | | | | | | |
|  | Agent, End Tidal (EtAA), Primary | | | | | | |  | 152460 | MDC\_CONC\_AWAY\_AGENT\_ET | MDC | 1.9.1.152460 | MDC\_DIM\_PERCENT |
|  | | | | | | |
|  | Desflurane, End Tidal (EtDes), | | | | | |  |  | 152084 | MDC\_CONC\_AWAY\_DESFL\_ET | MDC | 1.9.1.152084 | MDC\_DIM\_PERCENT |
| Primary | | | | | |
|  | Desflurane, Inspired (FiDes) , | | | | |  | |  | 152168 | MDC\_CONC\_AWAY\_DESFL\_INSP | MDC | 1.9.1.152168 | MDC\_DIM\_PERCENT |
| Primary | | | | |
|  | Enflurane, End Tidal (EtEnfl), | | | | |  | |  | 152088 | MDC\_CONC\_AWAY\_ENFL\_ET | MDC | 1.9.1.152088 | MDC\_DIM\_PERCENT |
| Primary | | | | |
|  | Enflurane, Inspired (FiEnfl), | | | |  | | |  | 152172 | MDC\_CONC\_AWAY\_ENFL\_INSP | MDC | 1.9.1.152172 | MDC\_DIM\_PERCENT |
| Primary | | | |
|  | Halothane, End Tidal (EtHal), | | | | |  | |  | 152092 | MDC\_CONC\_AWAY\_HALOTH\_ET | MDC | 1.9.1.152092 | MDC\_DIM\_PERCENT |
| Primary | | | | |
|  | Halothane, Inspired (FiHal), | | | |  | | |  | 152176 | MDC\_CONC\_AWAY\_HALOTH\_INSP | MDC | 1.9.1.152176 | MDC\_DIM\_PERCENT |
| Primary | | | |
|  | Sevoflurane, End Tidal (EtSev), | | | | | | |  | 152096 | MDC\_CONC\_AWAY\_SEVOFL\_ET | MDC | 1.9.1.152096 | MDC\_DIM\_PERCENT |
| Primary | | | | | | |
|  | Sevoflurane, Inspired (FiSev), | | | | |  | |  | 152180 | MDC\_CONC\_AWAY\_SEVOFL\_INSP | MDC | 1.9.1.152180 | MDC\_DIM\_PERCENT |
| Primary | | | | |
|  | Isoflurane, End Tidal (EtIso), | | | | |  | |  | 152100 | MDC\_CONC\_AWAY\_ISOFL\_ET | MDC | 1.9.1.152100 | MDC\_DIM\_PERCENT |
|  | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Primary |  | | | | | |  | |  |  |  |  |  |
|  |
|  | Isoflurane, Inspired (FiIso), | | | |  | | |  | | 152184 | MDC\_CONC\_AWAY\_ISOFL\_INSP | MDC | 1.9.1.152184 | MDC\_DIM\_PERCENT |
| Primary | | | |
|  | Agent, Inspired (FiAA), Second | | | | | | | ary | | 152464 | MDC\_CONC\_AWAY\_AGENT\_INSP | MDC | 1.9.2.152464 | MDC\_DIM\_PERCENT |
|  | | | | | | |  | |
|  | Agent, End Tidal (EtAA), | | |  | | | |  | | 152460 | MDC\_CONC\_AWAY\_AGENT\_ET | MDC | 1.9.2.152460 | MDC\_DIM\_PERCENT |
| Secondary | | |
|  | Desflurane, End Tidal (EtDes), | | | | | | |  | | 152084 | MDC\_CONC\_AWAY\_DESFL\_ET | MDC | 1.9.2.152084 | MDC\_DIM\_PERCENT |
| Secondary | | | | | | |
|  | Desflurane, Inspired (FiDes) , | | | | | |  |  | | 152168 | MDC\_CONC\_AWAY\_DESFL\_INSP | MDC | 1.9.2.152168 | MDC\_DIM\_PERCENT |
| Secondary | | | | | |
|  | Enflurane, End Tidal (EtEnfl), | | | | | |  |  | | 152088 | MDC\_CONC\_AWAY\_ENFL\_ET | MDC | 1.9.2.152088 | MDC\_DIM\_PERCENT |
| Secondary | | | | | |
|  | Enflurane, Inspired (FiEnfl), | | | |  | | |  | | 152172 | MDC\_CONC\_AWAY\_ENFL\_INSP | MDC | 1.9.2.152172 | MDC\_DIM\_PERCENT |
| Secondary | | | |
|  | Halothane, End Tidal (EtHal), | | | | | |  |  | | 152092 | MDC\_CONC\_AWAY\_HALOTH\_ET | MDC | 1.9.2.152092 | MDC\_DIM\_PERCENT |
| Secondary | | | | | |
|  | Halothane, Inspired (FiHal), | | | |  | | |  | | 152176 | MDC\_CONC\_AWAY\_HALOTH\_INSP | MDC | 1.9.2.152176 | MDC\_DIM\_PERCENT |
| Secondary | | | |
|  | Sevoflurane, End Tidal (EtSev) | | | | | | | , |  | 152096 | MDC\_CONC\_AWAY\_SEVOFL\_ET | MDC | 1.9.2.152096 | MDC\_DIM\_PERCENT |
| Secondary | | | | | | |  |
|  | Sevoflurane, Inspired (FiSev), | | | | | |  |  | | 152180 | MDC\_CONC\_AWAY\_SEVOFL\_INSP | MDC | 1.9.2.152180 | MDC\_DIM\_PERCENT |
| Secondary | | | | | |
|  | Isoflurane, End Tidal (EtIso), | | | | | |  |  | | 152100 | MDC\_CONC\_AWAY\_ISOFL\_ET | MDC | 1.9.2.152100 | MDC\_DIM\_PERCENT |
| Secondary | | | | | | |
|  | Isoflurane, Inspired (FiIso), | | | |  | | |  | | 152184 | MDC\_CONC\_AWAY\_ISOFL\_INSP | MDC | 1.9.2.152184 | MDC\_DIM\_PERCENT |
|  | | | |
| **Observation Type** | | | | | |  | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Secondary | |  | | |  | | | |  |  |  |  |  |
|  | |
|  | Mean Alveolar Concentration | | | | |  | | | | 119 | MNDRY\_CONC\_MAC | 99MNDRY | 1.9.1.119 | MDC\_DIM\_DIMLESS |
| (MAC) | | | | |

Table 23 Body Measurement Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | **OBX-2** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Height |  | NM | 188740 | MDC\_LEN\_BODY\_ACTUAL | MDC | 1.10.1.188740 | MDC\_DIM\_CENTI\_M |
|  |
|  | Weight |  | NM | 188736 | MDC\_MASS\_BODY\_ACTUAL | MDC | 1.10.1.188736 | MDC\_DIM\_KILO\_G |
|  |

Table 24 Wedge Observation Type Field Codes

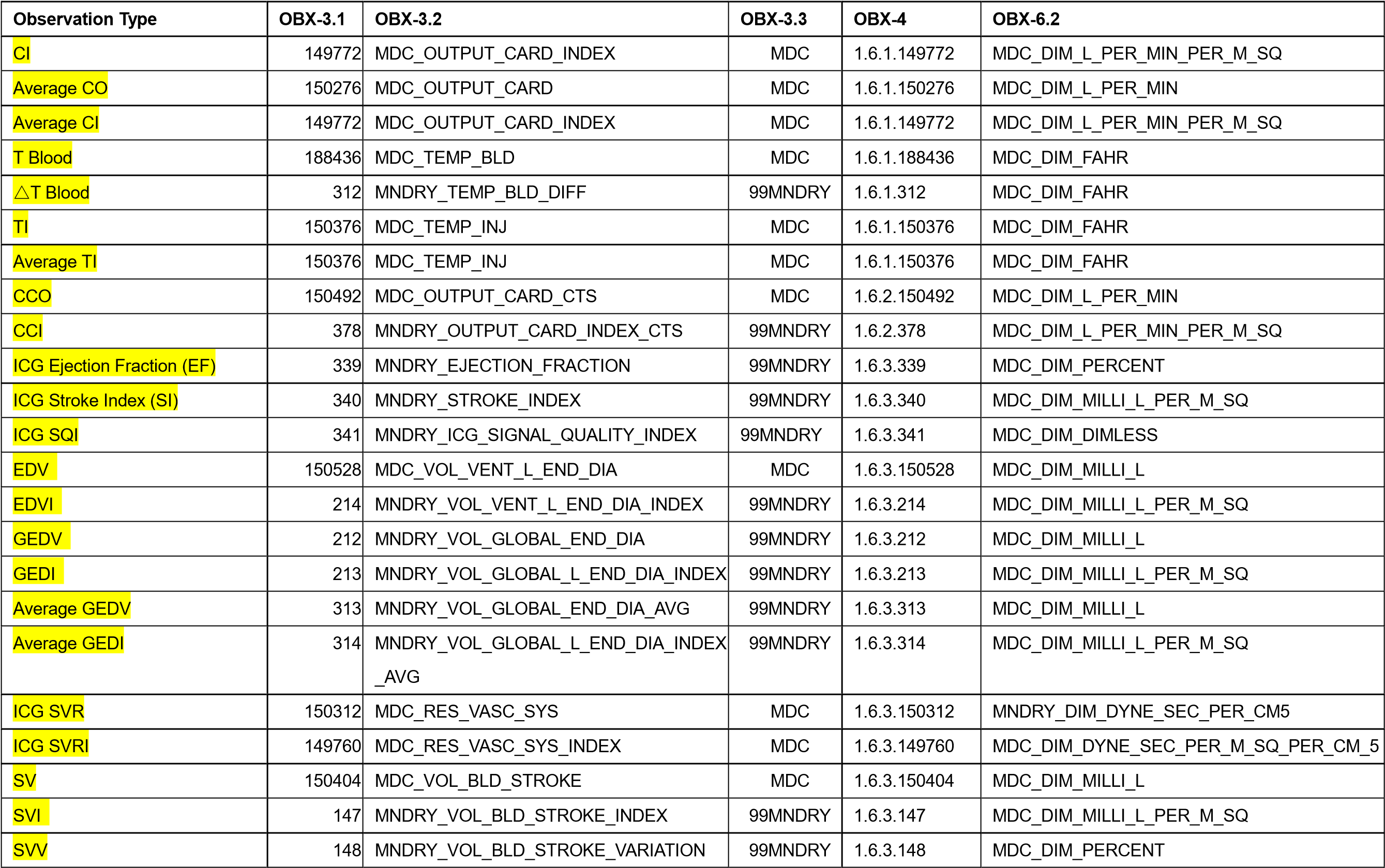
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| PAWP | 150052 | MDC\_PRESS\_BLD\_ART\_PULM\_OCCL | MDC | 1.5.1.150052 | MDC\_DIM\_MMHG |

Table 25 Airway Multi-Parameter Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Peak Inspiratory Pressure (PIP, | | | | | | | | | 151817 | MDC\_PRESS\_AWAY\_INSP\_PEAK | MDC | 1.11.1.151817 | MDC\_DIM\_CM\_H2O |
| Ppeak) | | | | | | | | |
|  | Mean Airway Pressure (Pmean) | | | | | | | | | 151819 | MDC\_PRESS\_AWAY\_INSP\_MEAN | MDC | 1.11.1.151819 | MDC\_DIM\_CM\_H2O |
|  | | | | | | | | |
|  | PEEP | |  | | | | | | | 151804 | MDC\_PRESS\_AWAY\_END\_EXP\_POS | MDC | 1.11.1.151804 | MDC\_DIM\_CM\_H2O |
|  | |
| **Observation Type** | | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Plateau Pressure (Pplat) | | | | |  | |  | | 151784 | MDC\_PRESS\_RESP\_PLAT | MDC | 1.11.1.151784 | MDC\_DIM\_CM\_H2O |
|  | | | | |
|  | Peak Inspiratory Flow (PIF) | | | | | | |  | | 151773 | MDC\_FLOW\_AWAY\_INSP\_MAX | MDC | 1.11.2.151773 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | |
|  | Peak Expiratory Flow (PEF) | | | | | | |  | | 151769 | MDC\_FLOW\_AWAY\_EXP\_MAX | MDC | 1.11.2.151769 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | |
|  | Expiratory Tidal Volume (V | | | | | | | Te) |  | 143 | MNDRY\_VOL\_AWAY\_TIDAL\_EXP | 99MNDRY | 1.11.3.143 | MDC\_DIM\_MILLI\_L |
|  | | | | | | |  |
|  | Expired Minute Volume (M | | | | | | | Ve) |  | 151884 | MDC\_VOL\_MINUTE\_AWAY\_EXP | MDC | 1.11.3.151884 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | |  |
|  | Inspiratory Tidal Volume (V | | | | | | | Ti) |  | 144 | MNDRY\_VOL\_AWAY\_TIDAL\_INSP | 99MNDRY | 1.11.3.144 | MDC\_DIM\_MILLI\_L |
|  | | | | | | |  |
|  | Inspired Minute Volume (M | | | | | | | Vi) |  | 151888 | MDC\_VOL\_MINUTE\_AWAY\_INSP | MDC | 1.11.3.151888 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | |  |
|  | I:E |  | | | | | |  | | 151832 | MDC\_RATIO\_IE | MDC | 1.11.4.151832 | MDC\_DIM\_DIMLESS |
|  |
|  | Breath Rate (RR) | | |  | | | |  | | 151570 | MDC\_AWAY\_RESP\_RATE | MDC | 1.11.4.151570 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | |
|  | Pulmonary Compliance | | | | |  | |  | | 151688 | MDC\_COMPL\_LUNG | MDC | 1.11.4.151688 | MDC\_DIM\_MILLI\_L\_PER\_CM\_H2O |
| (Compl.) | | | | |
|  | First Second Forced Expira | | | | | | | tory | | 145 | MNDRY\_RATIO\_VOL\_FORCED\_EXP | 99MNDRY | 1.11.4.145 | MDC\_DIM\_PERCENT |
| Volume Ratio (FEV1.0) | | | | | | |  | |
|  | Rapid Shallow Breathing In | | | | | | | dex | | 146 | MNDRY\_RAPID\_SHALLOW\_BREATH\_IN  DEX | 99MNDRY | 1.11.4.146 | MDC\_DIM\_BREATHS\_PER\_MIN\_PER\_L |
| (RSBI) | | | | | | |  | |
|  | Airway Resistance (Raw) | | | | | |  |  | | 151840 | MDC\_RES\_AWAY | MDC | 1.11.4.151840 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
|  | | | | | |
|  | Negative Inspiratory | | | |  | | |  | | 193 | MNDRY\_PRESSURE\_NEGATIVE\_INSPIR  ATORY | 99MNDRY | 1.11.1.193 | MDC\_DIM\_CM\_H2O |
| Pressure(NIP) | | | |
|  | Work of Breathing (WOB) | | | | | |  |  | | 183 | MNDRY\_WK\_OF\_BREATHING\_VENT | 99MNDRY | 1.11.4.183 | MNDRY\_DIM\_JOULES\_PER\_L |
|  | | | | | |

Table 26 Cardiac Output Observation Type Field Codes

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | CO |  | 150276 | MDC\_OUTPUT\_CARD | MDC | 1.6.1.150276 | MDC\_DIM\_L\_PER\_MIN |
|  |



|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | ESV |  | | | | | | 150532 | MDC\_VOL\_VENT\_L\_END\_SYS | MDC | 1.6.3.150532 | MDC\_DIM\_MILLI\_L |
|  |
|  | ESVI |  | | | | | | 149 | MNDRY\_VOL\_VENT\_L\_END\_SYS\_INDEX | 99MNDRY | 1.6.3.149 | MDC\_DIM\_MILLI\_L\_PER\_M\_SQ |
|  |
|  | Right Ventricle Ejection Fraction | | | | | | | 150 | MNDRY\_EJECTION\_FRACTION\_VENT\_RIG  HT | 99MNDRY | 1.6.3.150 | MDC\_DIM\_PERCENT |
| (RVEF) | | | | | | |
|  | Intrathoracic Blood Volume | | | |  | | | 151 | MNDRY\_VOL\_BLD\_INTRATHORACIC | 99MNDRY | 1.6.3.151 | MDC\_DIM\_MILLI\_L |
| (ITBV) | | | |
|  | Intrathoracic Blood Volume Index | | | | | | | 152 | MNDRY\_VOL\_BLD\_INTRATHORACIC\_INDE  X | 99MNDRY | 1.6.3.152 | MDC\_DIM\_MILLI\_L\_PER\_M\_SQ |
| (ITBI) | | | | | | |
|  | Average ITBV, | | |  | | | | 315 | MNDRY\_VOL\_BLD\_INTRATHORACIC\_AVG | 99MNDRY | 1.6.3.315 | MDC\_DIM\_MILLI\_L |
|  | | |
|  | Average ITBI | |  | | | | | 316 | MNDRY\_VOL\_BLD\_INTRATHORACIC\_INDE  X\_AVG | 99MNDRY | 1.6.3.316 | MDC\_DIM\_MILLI\_L\_PER\_M\_SQ |
|  | |
|  | Pulse Pressure Variation (PPV) | | | | | |  | 153 | MNDRY\_PRESS\_PULSE\_VARIATION | 99MNDRY | 1.6.3.153 | MDC\_DIM\_PERCENT |
|  | | | | | |
|  | Global Ejection Fraction (GEF) | | | | | |  | 154 | MNDRY\_EJECTION\_FRACTION\_GLOBAL | 99MNDRY | 1.6.3.154 | MDC\_DIM\_PERCENT |
|  | | | | | |
|  | Average GEF | |  | | | | | 317 | MNDRY\_EJECTION\_FRACTION\_GLOBAL\_  AVG | 99MNDRY | 1.6.3.317 | MDC\_DIM\_PERCENT |
|  | |
|  | Cardiac Function Index (CFI) | | | | |  | | 155 | MNDRY\_CARD\_FUNCTION\_INDEX | 99MNDRY | 1.6.3.155 | MDC\_DIM\_PER\_MIN |
|  | | | | |
|  | Average CFI | |  | | | | | 318 | MNDRY\_CARD\_FUNCTION\_INDEX\_AVG | 99MNDRY | 1.6.3.318 | MDC\_DIM\_PER\_MIN |
|  | |
|  | Left Ventricular Contractility | | | |  | | | 156 | MNDRY\_CONTRACTILITY\_LEFT\_VENT | 99MNDRY | 1.6.3.156 | MNDRY\_DIM\_MMHG\_PER\_SEC |
| (dPmx) | | | |
|  | Extra Vascular Lung Water | | | |  | | | 157 | MNDRY\_EXTRA\_VASC\_LUNG\_WATER | 99MNDRY | 1.6.3.157 | MDC\_DIM\_MILLI\_L |
| (EVLW) | | | |
|  | Extra Vascular Lung Water Index | | | | | | | 158 | MNDRY\_EXTRA\_VASC\_LUNG\_WATER\_IND  EX | 99MNDRY | 1.6.3.158 | MDC\_DIM\_MILLI\_L\_PER\_KG |
| (ELWI) | | | | | | |
|  | Average EVLW | | |  | | | | 319 | MNDRY\_EXTRA\_VASC\_LUNG\_WATER\_AV  G | 99MNDRY | 1.6.3.319 | MDC\_DIM\_MILLI\_L |
|  | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | | | | | |  | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Average ELWI | | | | |  | | | | | |  | | | | 320 | MNDRY\_EXTRA\_VASC\_LUNG\_WATER\_IND  EX\_AVG | 99MNDRY | 1.6.3.320 | MDC\_DIM\_MILLI\_L\_PER\_KG |
|  | | | | |
|  | Pulmonary Vascular Permea | | | | | | | | | | | bility | | | | 159 | MNDRY\_PULM\_VASC\_PERM\_INDEX | 99MNDRY | 1.6.3.159 | MDC\_DIM\_DIMLESS |
| Index (PVPI) | | | | | | | | | | |  | | | |
|  | Average PVPI | | | | |  | | | | | |  | | | | 321 | MNDRY\_PULM\_VASC\_PERM\_INDEX\_AVG | 99MNDRY | 1.6.3.321 | MDC\_DIM\_DIMLESS |
|  | | | | |
|  | Cardiac Power Output (CPO) | | | | | | | | | | |  | | | | 160 | MNDRY\_POWER\_CARD\_OUTPUT | 99MNDRY | 1.6.3.160 | MDC\_DIM\_WATT |
|  | | | | | | | | | | |
|  | Cardiac Power Index (CPI) | | | | | | | | |  | |  | | | | 161 | MNDRY\_POWER\_CARD\_OUTPUT\_INDEX | 99MNDRY | 1.6.3.161 | MNDRY\_DIM\_WATT\_PER\_M\_SQ |
|  | | | | | | | | |
|  | Thoracic Fluid Content (TFC) | | | | | | | | | | |  | | | | 162 | MNDRY\_THORACIC\_FLUID\_CONTENT | 99MNDRY | 1.6.3.162 | MNDRY\_DIM\_PER\_KILO\_OHM |
|  | | | | | | | | | | |
|  | Thoracic Fluid Index (TFI) | | | | | | | | |  | |  | | | | 163 | MNDRY\_THORACIC\_FLUID\_INDEX | 99MNDRY | 1.6.3.163 | MDC\_DIM\_OHM |
|  | | | | | | | | |
|  | Acceleration Index (ACI) | | | | | | | |  | | |  | | | | 164 | MNDRY\_ACCEL\_BLD\_AORTA\_INDEX | 99MNDRY | 1.6.3.164 | MNDRY\_DIM\_PER\_HECTO\_SEC\_SQ |
|  | | | | | | | |
|  | Velocity Index (VI) | | | | | |  | | | | |  | | | | 165 | MNDRY\_VELOC\_BLD\_AORTA\_INDEX | 99MNDRY | 1.6.3.165 | MDC\_DIM\_PER\_KILO\_SEC |
|  | | | | | |
|  | Left Cardiac Work (LCW) | | | | | | | |  | | |  | | | | 150416 | MDC\_WK\_CARD\_LEFT | MDC | 1.6.3.150416 | MDC\_DIM\_KILO\_G\_M |
|  | | | | | | | |
|  | Left Cardiac Work Index (LC | | | | | | | | | | | WI) | |  | | 166 | MNDRY\_WK\_CARD\_LEFT\_INDEX | 99MNDRY | 1.6.3.166 | MDC\_DIM\_KILO\_G\_M\_PER\_M\_SQ |
|  | | | | | | | | | | |  | |
|  | Right Cardiac Work (RCW | | | | | | | | | ) | |  | | | | 150420 | MDC\_WK\_CARD\_RIGHT | MDC | 1.6.3.150420 | MDC\_DIM\_KILO\_G\_M |
|  | | | | | | | | |
|  | Right Cardiac Work Index | | | | | | | | |  | |  | | | | 167 | MNDRY\_WK\_CARD\_RIGHT\_INDEX | 99MNDRY | 1.6.3.167 | MDC\_DIM\_KILO\_G\_M\_PER\_M\_SQ |
| (RCWI) | | | | | | | | |
|  | RVSW | | |  | | | | | | | |  | | | | 150436 | MDC\_WK\_RV\_STROKE | MDC | 1.6.3.150436 | MDC\_DIM\_G\_M |
|  | | |
|  | Right Ventricle Stroke Work | | | | | | | | | |  |  | | | | 168 | MNDRY\_WK\_RV\_STROKE\_INDEX | 99MNDRY | 1.6.3.168 | MDC\_DIM\_G\_M\_PER\_M\_SQ |
| Index (RVSWI) | | | | | | | | | |
|  | Systolic Time Ratio (STR) | | | | | | | | |  | |  | | | | 169 | MNDRY\_SYSTOLIC\_TIME\_RATIO | 99MNDRY | 1.6.3.169 | MDC\_DIM\_DIMLESS |
|  | | | | | | | | |
|  | Pre-Ejection Period (PEP) | | | | | | | | |  | |  | | | | 170 | MNDRY\_TIME\_PD\_LV\_PREEJECT | 99MNDRY | 1.6.3.170 | MDC\_DIM\_MILLI\_SEC |
|  | | | | | | | | |
|  | Left Ventricle Ejection Time | | | | | | | | | |  |  | | | | 171 | MNDRY\_TIME\_PD\_LV\_EJECT | 99MNDRY | 1.6.3.171 | MDC\_DIM\_MILLI\_SEC |
| (LVET) | | | | | | | | | |
| **Observation Type** | | | | | | | | | | | | | | | **OBX-3.1** | | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Volume of Electrically | | | | | | |  | | | | | | | 172 | | MNDRY\_VOL\_ELECTRICAL\_PARTICIPATIN  G\_TISSUE\_THORAX | 99MNDRY | 1.6.3.172 | MDC\_DIM\_MILLI\_L |
| Participating Thoracic Tissue  (VEPT) | | | | | | |
|  | Pulmonary Vascular Resistance | | | | | | | | | | | | | | 150308 | | MDC\_RES\_VASC\_PULM | MDC | 1.6.3.150308 | MNDRY\_DIM\_DYNE\_SEC\_PER\_CM5 |
| ( PVR) | | | | | | | | | | | | | |
|  | Pulmonary Vascular Resistance | | | | | | | | | | | | | | 173 | | MNDRY\_RES\_VASC\_PULM\_INDEX | 99MNDRY | 1.6.3.173 | MDC\_DIM\_DYNE\_SEC\_PER\_M\_SQ\_PER\_CM\_5 |
| Index ( PVRI) | | | | | | | | | | | | | |
|  | LVSW | |  | | | | | | | | | | | | 150428 | | MDC\_WK\_LV\_STROKE | MDC | 1.6.3.150428 | MDC\_DIM\_G\_M |
|  | |
|  | LVSW | | I | | | | | | | | | | | | 149764 | | MDC\_WK\_LV\_STROKE\_INDEX | MDC | 1.6.3.149764 | MDC\_DIM\_G\_M\_PER\_M\_SQ |
|  | |
|  | pCVP | |  | | | | | | | | | | | | 150084 | | MDC\_PRESS\_BLD\_VEN\_CENT | MDC | 1.6.3.150084 | MDC\_DIM\_MMHG |
|  | |
|  | Mean Arterial Pressure (MAP) | | | | | | | | | | | |  | | 150039 | | MDC\_PRESS\_BLD\_ART\_ABP\_MEAN | MDC | 1.6.3.150039 | MDC\_DIM\_MMHG |
|  | | | | | | | | | | | |
|  | PR |  | | | | | | | | | | | | | 147842 | | MDC\_ECG\_CARD\_BEAT\_RATE | MDC | 1.6.3.147842 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |
|  | CCO SVR | | | |  | | | | | | | | | | 150312 | | MDC\_RES\_VASC\_SYS | MDC | 1.6.4.150312 | MNDRY\_DIM\_DYNE\_SEC\_PER\_CM5 |
|  | | | |
|  | CCO SVR | | | | I | | | | | | | | | | 149760 | | MDC\_RES\_VASC\_SYS\_INDEX | MDC | 1.6.4.149760 | MDC\_DIM\_DYNE\_SEC\_PER\_M\_SQ\_PER\_CM\_5 |
|  | | | |

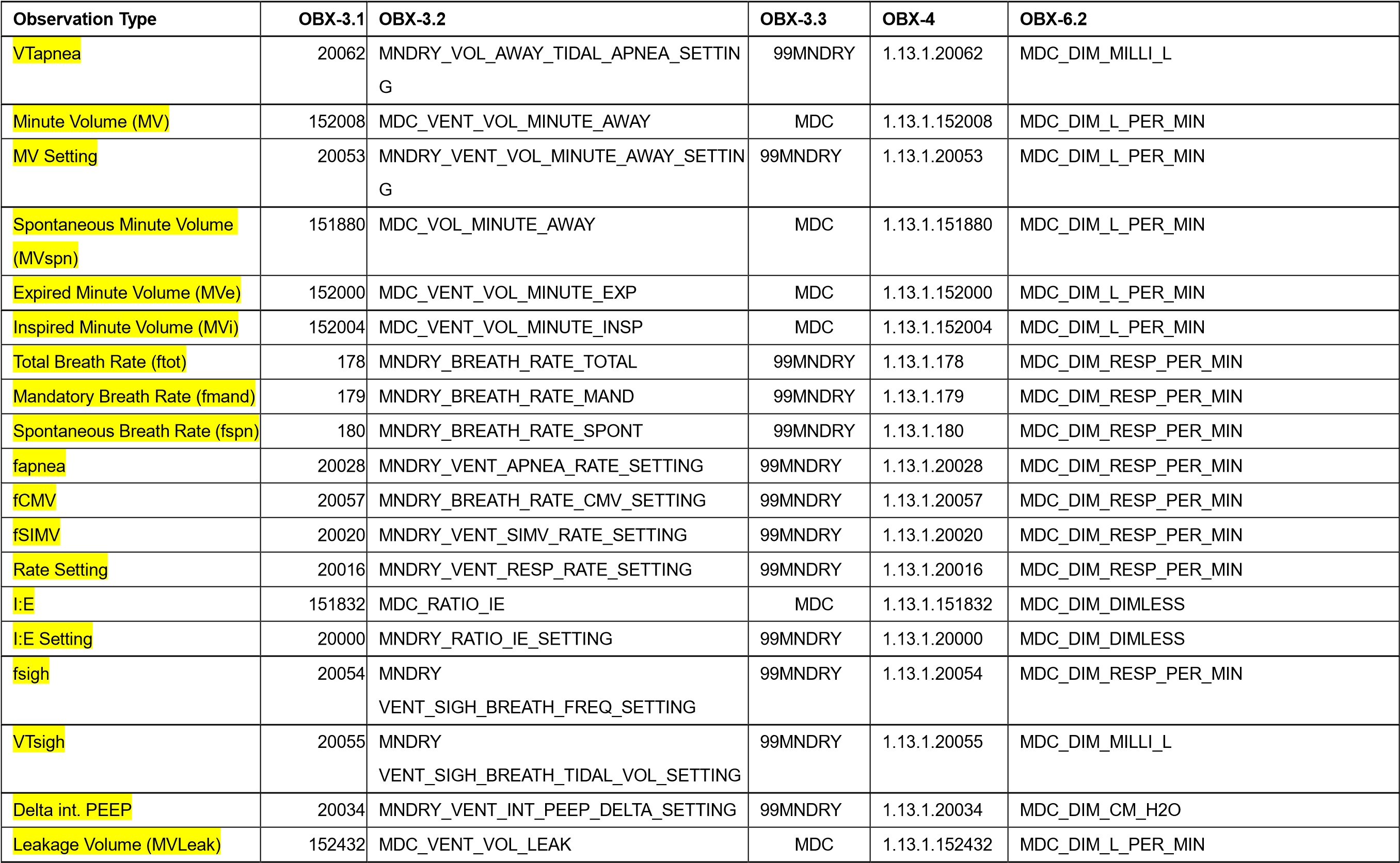
Table 27 BIS Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** | **OBX-20** |
|  | BIS |  | | 120 | MNDRY\_EEG\_BISPECTRAL\_INDEX | 99MNDRY | 1.12.1.120 | MDC\_DIM\_DIMLESS |  |
|  |
|  | BIS L | |  | 120 | MNDRY\_EEG\_BISPECTRAL\_INDEX | 99MNDRY | 1.12.1.120 | MDC\_DIM\_DIMLESS | MDC\_HEAD\_FORE\_L |
|  | |
|  | BIS R | |  | 120 | MNDRY\_EEG\_BISPECTRAL\_INDEX | 99MNDRY | 1.12.1.120 | MDC\_DIM\_DIMLESS | MDC\_HEAD\_FORE\_R |
|  | |
|  | SQI |  | | 122 | MNDRY\_EEG\_SIGNAL\_QUALITY\_INDEX | 99MNDRY | 1.12.1.122 | MDC\_DIM\_PERCENT |  |
|  |
|  | SQI L | |  | 122 | MNDRY\_EEG\_SIGNAL\_QUALITY\_INDEX | 99MNDRY | 1.12.1.122 | MDC\_DIM\_PERCENT | MDC\_HEAD\_FORE\_L |
|  | |
|  | SQI R | |  | 122 | MNDRY\_EEG\_SIGNAL\_QUALITY\_INDEX | 99MNDRY | 1.12.1.122 | MDC\_DIM\_PERCENT | MDC\_HEAD\_FORE\_R |
|  | |

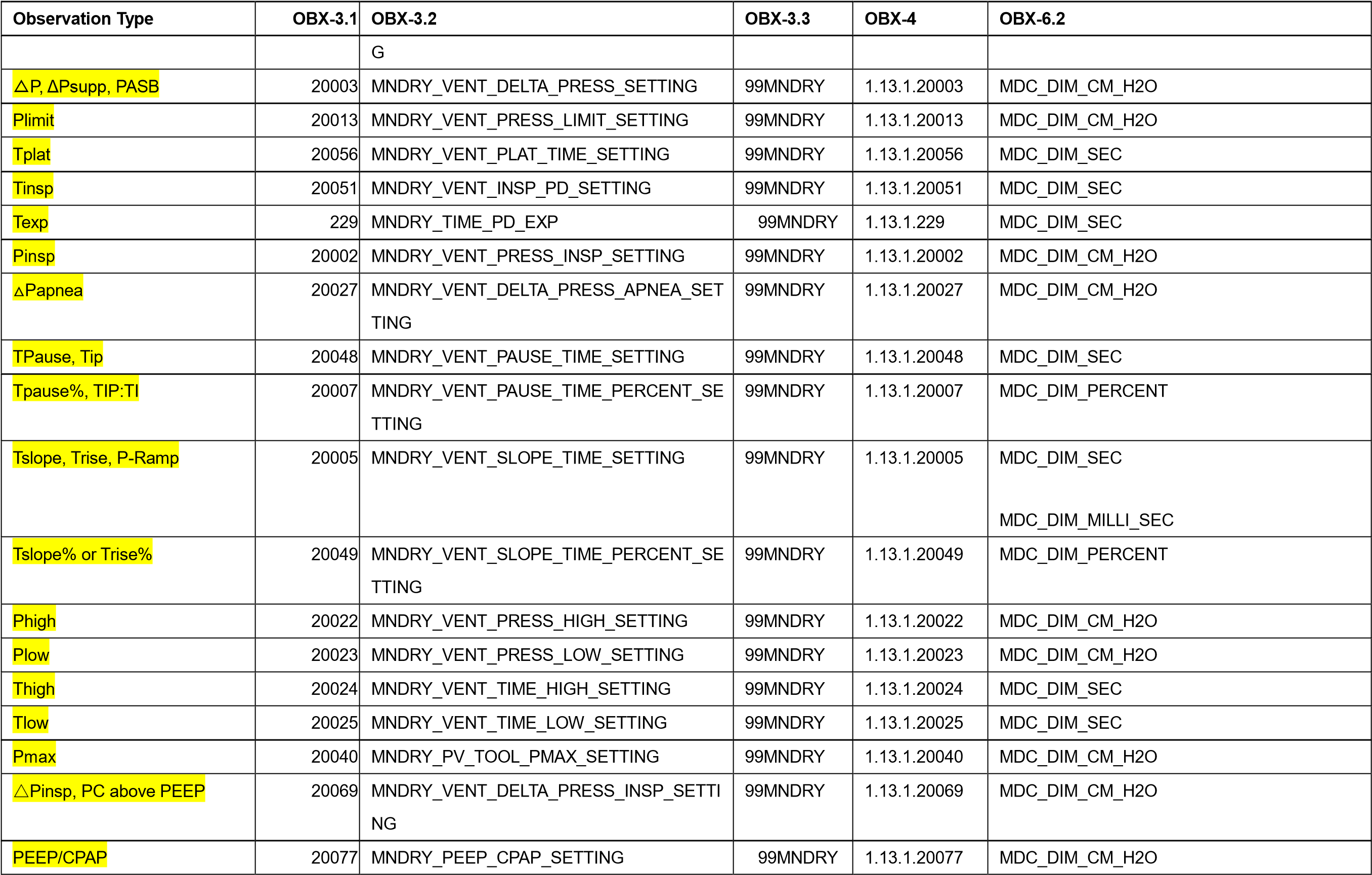
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** | **OBX-20** |
|  | EMG | |  | | |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.12.1.153916 | MDC\_DIM\_DECIBEL |  |
|  | |
|  | EMG L | | | |  |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.12.1.153916 | MDC\_DIM\_DECIBEL | MDC\_HEAD\_FORE\_L |
|  | | | |
|  | EMG R | | | |  |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.12.1.153916 | MDC\_DIM\_DECIBEL | MDC\_HEAD\_FORE\_R |
|  | | | |
|  | SR |  | | | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.12.1.155024 | MDC\_DIM\_PERCENT |  |
|  |
|  | SR L | |  | | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.12.1.155024 | MDC\_DIM\_PERCENT | MDC\_HEAD\_FORE\_L |
|  | |
|  | SR R | |  | | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.12.1.155024 | MDC\_DIM\_PERCENT | MDC\_HEAD\_FORE\_R |
|  | |
| SEF | | | | | |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECT  RAL\_EDGE | MDC | 1.12.1.153992 | MDC\_DIM\_HZ |  |
| SEF L | | | | | |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECT  RAL\_EDGE | MDC | 1.12.1.153992 | MDC\_DIM\_HZ | MDC\_HEAD\_FORE\_L |
| SEF R | | | | | |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECT  RAL\_EDGE | MDC | 1.12.1.153992 | MDC\_DIM\_HZ | MDC\_HEAD\_FORE\_R |
|  | TP |  | | | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.12.1.154040 | MDC\_DIM\_DECIBEL |  |
|  |
|  | TP L | |  | | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.12.1.154040 | MDC\_DIM\_DECIBEL | MDC\_HEAD\_FORE\_L |
|  | |
|  | TP R | |  | | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.12.1.154040 | MDC\_DIM\_DECIBEL | MDC\_HEAD\_FORE\_R |
|  | |
|  | BC |  | | | |  | 154028 | MDC\_EEG\_NUM\_SPK | MDC | 1.12.1.154028 | MDC\_DIM\_PER\_MIN |  |
|  |
|  | BC L | |  | | |  | 154028 | MDC\_EEG\_NUM\_SPK | MDC | 1.12.1.154028 | MDC\_DIM\_PER\_MIN | MDC\_HEAD\_FORE\_L |
|  | |
|  | BC R | |  | | |  | 154028 | MDC\_EEG\_NUM\_SPK | MDC | 1.12.1.154028 | MDC\_DIM\_PER\_MIN | MDC\_HEAD\_FORE\_R |
|  | |
|  | sBIS L(Left BIS Variability Index) | | | | |  | 121 | MNDRY\_EEG\_BISPECTRAL\_VARI\_INDEX | 99MNDRY | 1.12.1.121 | MDC\_DIM\_DIMLESS | MDC\_HEAD\_FORE\_L |
|  | | | | |
|  | sBIS R(Right BIS Variabilit | | | | | y | 121 | MNDRY\_EEG\_BISPECTRAL\_VARI\_INDEX | 99MNDRY | 1.12.1.121 | MDC\_DIM\_DIMLESS | MDC\_HEAD\_FORE\_R |
| Index) | | | | |  |
|  | sEMG L(Left EMG Variabilit | | | | | y | 123 | MNDRY\_EMG\_ELEC\_POTL\_MUSCL\_VARI\_IN  DEX | 99MNDRY | 1.12.1.123 | MDC\_DIM\_DIMLESS | MDC\_HEAD\_FORE\_L |
| Index) | | | | |  |
|  | sEMG R(Right EMG Variabilit | | | | | y | 123 | MNDRY\_EMG\_ELEC\_POTL\_MUSCL\_VARI\_IN | 99MNDRY | 1.12.1.123 | MDC\_DIM\_DIMLESS | MDC\_HEAD\_FORE\_R |
|  | | | | | |
| **Observation Type** | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** | **OBX-20** |
|  | Index) | | |  | | |  | DEX |  |  |  |  |
|  | | |
|  | ASYM | | |  | | | 124 | MNDRY\_EEG\_ASYMMERTRY | 99MNDRY | 1.12.1.124 | MDC\_DIM\_PERCENT |  |
|  | | |

Table 28 Ventilator Observation Type Field Codes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | O2% |  | | | | |  | | 151908 | MDC\_CONC\_AWAY\_O2 | MDC | 1.13.1.151908 | MDC\_DIM\_PERCENT |
|  |
|  | PEEP | |  | | | |  | | 151976 | MDC\_VENT\_PRESS\_AWAY\_END\_EXP\_POS | MDC | 1.13.1.151976 | MDC\_DIM\_CM\_H2O |
|  | |
|  | PEEP Setting | | |  | | |  | | 20017 | MNDRY\_PRESS\_AWAY\_END\_EXP\_POS\_SET  TING | 99MNDRY | 1.13.1.20017 | MDC\_DIM\_CM\_H2O |
|  | | |
|  | Airway Pressure (Paw) | | | | |  |  | | 151972 | MDC\_VENT\_PRESS\_AWAY | MDC | 1.13.1.151972 | MDC\_DIM\_CM\_H2O |
|  | | | | |
|  | ΔO2 |  | | | | |  | | 151912 | MDC\_VENT\_CONC\_AWAY\_O2\_DELTA | MDC | 1.13.1.151912 | MDC\_DIM\_MMHG  MDC\_DIM\_PERCENT |
|  |
|  | Peak Pressure (Ppeak) | | | | |  |  | | 151817 | MDC\_PRESS\_AWAY\_INSP\_PEAK | MDC | 1.13.1.151817 | MDC\_DIM\_CM\_H2O |
|  | | | | |
|  | Plateau Pressure (Pplat) | | | | | |  | | 151784 | MDC\_PRESS\_RESP\_PLAT | MDC | 1.13.1.151784 | MDC\_DIM\_CM\_H2O |
|  | | | | | |
|  | Mean Pressure (Pmean) | | | | | |  | | 151819 | MDC\_PRESS\_AWAY\_INSP\_MEAN | MDC | 1.13.1.151819 | MDC\_DIM\_CM\_H2O |
|  | | | | | |
|  | Tidal Volume (VT) | | | |  | |  | | 331 | MNDRY\_VOL\_AWAY\_TIDAL | 99MNDRY | 1.13.1.331 | MDC\_DIM\_MILLI\_L |
|  | | | |
|  | Expiratory Tidal Volume | | | | | | (VTe) |  | 143 | MNDRY\_VOL\_AWAY\_TIDAL\_EXP | 99MNDRY | 1.13.1.143 | MDC\_DIM\_MILLI\_L |
|  | | | | | |  |
|  | Inspiratory Tidal Volume | | | | | | (VTi) |  | 144 | MNDRY\_VOL\_AWAY\_TIDAL\_INSP | 99MNDRY | 1.13.1.144 | MDC\_DIM\_MILLI\_L |
|  | | | | | |  |
|  | VT/kg(expiratory tidal vo | | | | | | lume |  | 176 | MNDRY\_VOL\_EXP\_TIDAL\_PER\_WEIGHT | 99MNDRY | 1.13.1.176 | MDC\_DIM\_MILLI\_L\_PER\_KG |
| per body weight) | | | | | |  |
|  | VTe spn(spontaneous e | | | | | | xpiratory | | 177 | MNDRY\_VOL\_SPON\_EXP\_TIDAL | 99MNDRY | 1.13.1.177 | MDC\_DIM\_MILLI\_L |
| tidal volume) | | | | | |  | |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Leak Compensation | | | | |  | | | |  | | 345 | MNDRY\_VENT\_LEAK\_COMPENSATION | 99MNDRY | 1.13.1.345 | MDC\_DIM\_PERCENT |
|  | | | | |
|  | FiO2 |  | | | | | | | |  | | 152196 | MDC\_CONC\_AWAY\_O2\_INSP | MDC | 1.13.1.152196 | MDC\_DIM\_MMHG |
|  |
|  | EtO2 |  | | | | | | | |  | | 152440 | MDC\_CONC\_AWAY\_O2\_ET | MDC | 1.13.1.152440 | MDC\_DIM\_MMHG |
|  |
|  | Static Lung Resistance (Rstat) | | | | | | | | |  | | 181 | MNDRY\_RESISTANCE\_LUNG\_STATIC | 99MNDRY | 1.13.1.181 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
|  | | | | | | | | |
|  | Dynamic Lung Resistance | | | | | | |  | |  | | 182 | MNDRY\_RESISTANCE\_LUNG\_DYNAMIC | 99MNDRY | 1.13.1.182 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
| (Rdyn) | | | | | | |
|  | Static Compliance (Cstat) | | | | | | |  | |  | | 151696 | MDC\_COMPL\_LUNG\_STATIC | MDC | 1.13.1.151696 | MDC\_DIM\_MILLI\_L\_PER\_CM\_H2O |
|  | | | | | | |
|  | Dynamic Compliance (Cdyn) | | | | | | | |  |  | | 151692 | MDC\_COMPL\_LUNG\_DYN | MDC | 1.13.1.151692 | MDC\_DIM\_MILLI\_L\_PER\_CM\_H2O |
|  | | | | | | | |
|  | Rapid Shallow Breathing Inde | | | | | | | | | x |  | 146 | MNDRY\_RAPID\_SHALLOW\_BREATH\_INDEX | 99MNDRY | 1.13.1.146 | MDC\_DIM\_BREATHS\_PER\_MIN\_PER\_L |
| (RSBI) | | | | | | | | |  |
|  | Work of Breathing (WOB) | | | | | |  | | |  | | 183 | MNDRY\_WK\_OF\_BREATHING\_VENT | 99MNDRY | 1.13.1.183 | MNDRY\_DIM\_JOULES\_PER\_L |
|  | | | | | |
|  | Imposed Work of Breathing | | | | | | | |  |  | | 184 | MNDRY\_WK\_OF\_BREATHING\_SPON\_VENT | 99MNDRY | 1.13.1.184 | MNDRY\_DIM\_JOULES\_PER\_MIN |
| (WOBimp) | | | | | | | |
|  | O2 Flow | | |  | | | | | |  | | 232 | MNDRY\_FLOW\_O2 | 99MNDRY | 1.13.1.232 | MDC\_DIM\_L\_PER\_MIN |
|  | | |
|  | Air Flow | | |  | | | | | |  | | 233 | MNDRY\_FLOW\_AIR | 99MNDRY | 1.13.1.233 | MDC\_DIM\_L\_PER\_MIN |
|  | | |
|  | Insp. Flow | | | |  | | | | |  | | 151948 | MDC\_VENT\_FLOW\_INSP | MDC | 1.13.1.151948 | MDC\_DIM\_L\_PER\_MIN |
|  | | | |
|  | Exp. Flow | | | |  | | | | |  | | 151944 | MDC\_VENT\_FLOW\_EXP | MDC | 1.13.1.151944 | MDC\_DIM\_L\_PER\_MIN |
|  | | | |
|  | Ext. Flow (External Flow) | | | | | |  | | |  | | 234 | MNDRY\_FLOW\_EXTERNAL | 99MNDRY | 1.13.1.234 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | |
|  | Base Flow | | | |  | | | | |  | | 20078 | MNDRY\_VENT\_FLOW\_BASE\_SETTING | 99MNDRY | 1.13.1.20078 | MDC\_DIM\_L\_PER\_MIN |
|  | | | |
|  | Tsupp | |  | | | | | | |  | | 20076 | MNDRY\_VENT\_SUPPORT\_TIME\_SETTING | 99MNDRY | 1.13.1.20076 | MDC\_DIM\_SEC |
|  | |
|  | F Trigger | | |  | | | | | |  | | 20014 | MNDRY\_VENT\_FLOW\_TRIG\_SENS\_SETTIN  G | 99MNDRY | 1.13.1.20014 | MDC\_DIM\_L\_PER\_MIN |
|  | | |
|  | Exp% | |  | | | | | | |  | | 20026 | MNDRY\_VENT\_EXP\_TRIGGER\_SETTING | 99MNDRY | 1.13.1.20026 | MDC\_DIM\_PERCENT |
|  | |
|  | P Trigge | | | r | | | | | |  | | 20019 | MNDRY\_VENT\_PRESS\_TRIG\_SENS\_SETTIN | 99MNDRY | 1.13.1.20019 | MDC\_DIM\_CM\_H2O |
|  | | |

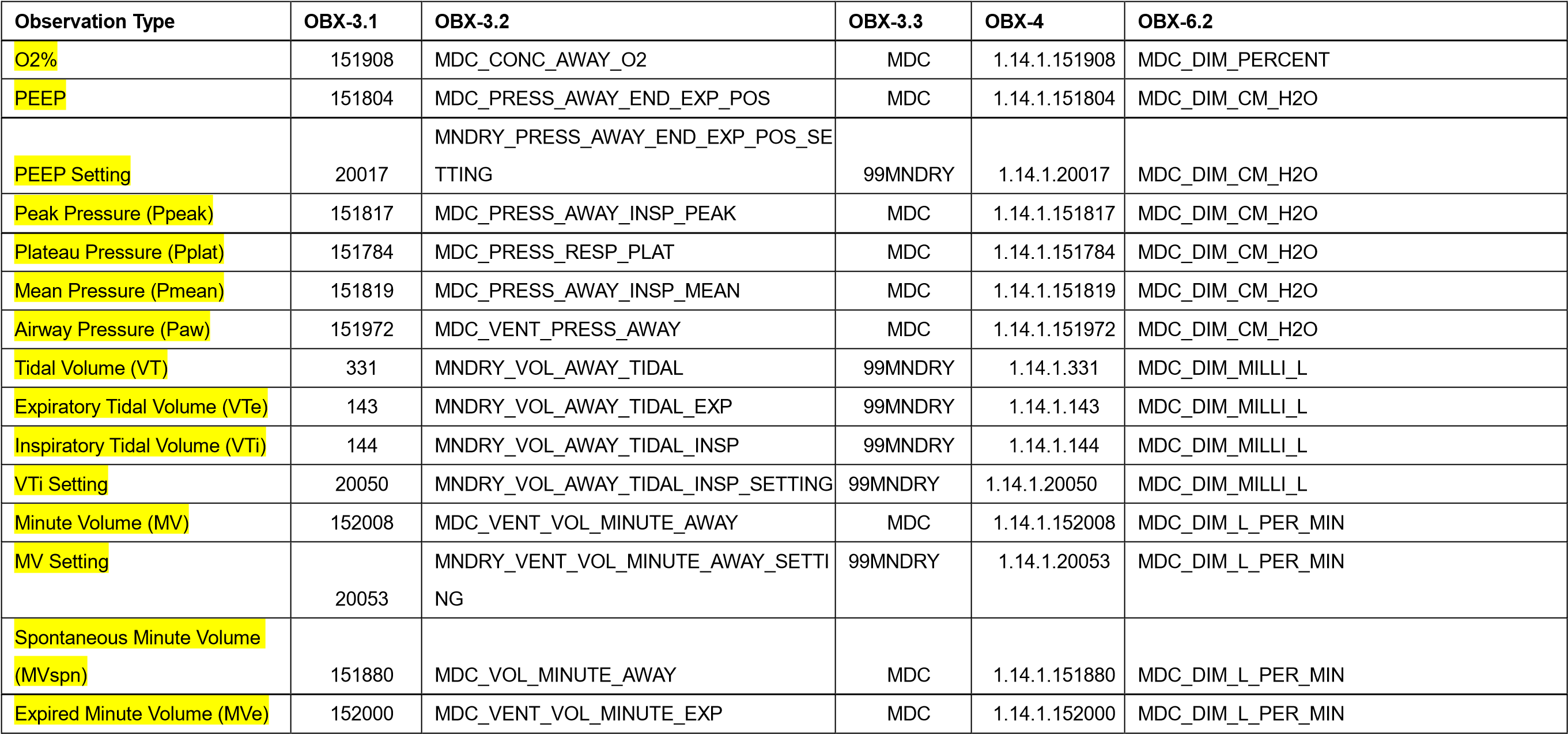


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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Max Positive Auxiliary Pressure | | | | | |  | 185 | MNDRY\_PRESS\_AUX\_POSITIVE\_MAX | 99MNDRY | 1.13.1.185 | MDC\_DIM\_CM\_H2O |
| (Paux Peak) | | | | | |
|  | Mean Auxiliary Pressure (Paux | | | | | |  | 186 | MNDRY\_PRESS\_AUX\_MEAN | 99MNDRY | 1.13.1.186 | MDC\_DIM\_CM\_H2O |
| Mean) | | | | | |
|  | Minimum Auxiliary Pressure | | | |  | |  | 187 | MNDRY\_PRESS\_AUX\_MIN | 99MNDRY | 1.13.1.187 | MDC\_DIM\_CM\_H2O |
| (Paux Min) | | | |
|  | Base Press | |  | | | |  | 188 | MNDRY\_PRESS\_BASE | 99MNDRY | 1.13.1.188 | MDC\_DIM\_CM\_H2O |
|  | |
|  | Inspiratory Flow Resistance | | | |  | |  | 151848 | MDC\_RES\_AWAY\_INSP | MDC | 1.13.1.151848 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
| (Rinsp) | | | |
|  | Expiratory Flow Resistance | | | |  | |  | 151844 | MDC\_RES\_AWAY\_EXP | MDC | 1.13.1.151844 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
| (Rexp) | | | |
|  | Expiratory Time Constant | | |  | | |  | 189 | MNDRY\_TIME\_CONSTANT\_EXP | 99MNDRY | 1.13.1.189 | MDC\_DIM\_SEC |
| (RCexp) | | |
|  | Inspiratory Time Constant | | |  | | |  | 190 | MNDRY\_TIME\_CONSTANT\_INSP | 99MNDRY | 1.13.1.190 | MDC\_DIM\_SEC |
| (RCinsp) | | |
|  | Pressure Time Product (PTP) | | | | |  |  | 191 | MNDRY\_PRESS\_TIME\_PRODUCT | 99MNDRY | 1.13.1.191 | MNDRY\_DIM\_CM\_H2O\_SEC |
|  | | | | |
|  | Pmin |  | | | | |  | 151794 | MDC\_PRESS\_AWAY\_MIN | MDC | 1.13.1.151794 | MDC\_DIM\_CM\_H2O |
|  |
|  | Vtrap |  | | | | |  | 226 | MNDRY\_VOL\_TRAP | 99MNDRY | 1.13.1.226 | MDC\_DIM\_MILLI\_L |
|  |
|  | PO2 |  | | | | |  | 152292 | MDC\_VENT\_AWAY\_O2 | MDC | 1.13.1.152292 | MDC\_DIM\_KILO\_PASCAL |
|  |
|  | Pair(Air Supply Pressure) | | |  | | |  | 216 | MNDRY\_PRESS\_SUPPLY\_AIR | 99MNDRY | 1.13.1.216 | MDC\_DIM\_KILO\_PASCAL |
|  | | |
|  | O2 cyl.(oxygen cylinde | | | | | | r | 217 | MNDRY\_PRESS\_CYLINDER\_O2 | 99MNDRY | 1.13.1.217 | MDC\_DIM\_KILO\_PASCAL |
| pressure) | | | | | |
|  | O2 cyl.2nd(secondary oxygen | | | | | |  | 218 | MNDRY\_PRESS\_CYLINDER\_O2\_SECONDAR  Y | 99MNDRY | 1.13.1.218 | MDC\_DIM\_KILO\_PASCAL |
| cylinder pressure) | | | | | |
|  | air cyl.(air cylinder pressure) | | | |  | |  | 219 | MNDRY\_PRESS\_CYLINDER\_AIR | 99MNDRY | 1.13.1.219 | MDC\_DIM\_KILO\_PASCAL |
|  | | | |

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| **Observation Type** | | | | | | | | | |  | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Fractional Residual Capacit | | | | | | | | | y |  | 192 | MNDRY\_CAPACITY\_FRACTIONAL\_RESIDUA  L | 99MNDRY | 1.13.1.192 | MDC\_DIM\_MILLI\_L |
| (FRC) | | | | | | | | |  |
|  | T (Temp) | | | |  | | | | |  | | 150344 | MDC\_TEMP | MDC | 1.13.1.150344 | MDC\_DIM\_DEGC |
|  | | | |
|  | NIP(Negative Inspira | | | | | | | | | tory | | 193 | MNDRY\_PRESSURE\_NEGATIVE\_INSPIRATO  RY | 99MNDRY | 1.13.1.193 | MDC\_DIM\_CM\_H2O |
| pressure) | | | | | | | | |  | |
|  | Airway Occlusion Pressure | | | | | | | | |  | | 194 | MNDRY\_PRESS\_100\_MS\_OCCLUSION | 99MNDRY | 1.13.1.194 | MDC\_DIM\_CM\_H2O |
| (P0.1) | | | | | | | | |
|  | Intrinsic PEEP (PEEPi) | | | | | | |  | |  | | 151808 | MDC\_PRESS\_AWAY\_END\_EXP\_POS\_INTRIN  SIC | MDC | 1.13.1.151808 | MDC\_DIM\_CM\_H2O |
|  | | | | | | |
|  | Extrinsic PEEP (PEEPe) | | | | | | | |  |  | | 195 | MNDRY\_PRESS\_AWAY\_END\_EXP\_POS\_EXT  RINSIC | 99MNDRY | 1.13.1.195 | MDC\_DIM\_CM\_H2O |
|  | | | | | | | |
|  | Total PEEP (PEEPtot) | | | | | |  | | |  | | 196 | MNDRY\_PRESS\_AWAY\_END\_EXP\_POS\_TOT  AL | 99MNDRY | 1.13.1.196 | MDC\_DIM\_CM\_H2O |
|  | | | | | |
|  | EtCO2 | |  | | | | | | |  | | 151928 | MDC\_VENT\_AWAY\_CO2\_ET | MDC | 1.13.1.151928 | MDC\_DIM\_MMHG |
|  | |
|  | FiCO2 | |  | | | | | | |  | | 151936 | MDC\_VENT\_AWAY\_CO2\_INSP | MDC | 1.13.1.151936 | MDC\_DIM\_MMHG |
|  | |
|  | RRCO2 | | |  | | | | | |  | | 151610 | MDC\_VENT\_CO2\_RESP\_RATE | MDC | 1.13.1.151610 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | |
|  | Flow |  | | | | | | | |  | | 20058 | MNDRY\_VENT\_FLOW\_SETTING | 99MNDRY | 1.13.1.20058 | MDC\_DIM\_L\_PER\_MIN |
|  |
|  | Peak Flow | | | | |  | | | |  | | 20059 | MNDRY\_VENT\_FLOW\_PEAK\_SETTING | 99MNDRY | 1.13.1.20059 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | |
|  | TiMax | |  | | | | | | |  | | 20060 | MNDRY\_VENT\_TIME\_INS\_MAX\_SETTING | 99MNDRY | 1.13.1.20060 | MDC\_DIM\_SEC |
|  | |
|  | Tube Resistance Compens | | | | | | | | | ation | | 197 | MNDRY\_RESISTANCE\_TUBE\_COMP | 99MNDRY | 1.13.1.197 | MDC\_DIM\_DIMLESS |
| (TRC) | | | | | | | | |  | |
| ASB Ramp | | | | | | | | | |  | | 20061 | MNDRY\_VENT\_PRESS\_RAMP\_PD\_PS\_SETT  ING | 99 MNDRY | 1.13.1.20061 | MDC\_DIM\_SEC |
|  | PASB(Assisted Spontan | | | | | | | | | eous | | 198 | MNDRY\_PRESS\_ASSIST\_SPON\_BREATH | 99MNDRY | 1.13.1.198 | MDC\_DIM\_CM\_H2O |
| Breathing) | | | | | | | | |  | |

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| **Observation Type** | | | | | | | | | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | FlowAssist | | | | | | | |  | | | | |  | 230 | MNDRY\_ASSIST\_FLOW | 99MNDRY | 1.13.1.230 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
|  | | | | | | | |
|  | Vol.Assist | | | | | | |  | | | | | |  | 231 | MNDRY\_ASSIST\_VOL | 99MNDRY | 1.13.1.231 | MDC\_DIM\_CM\_H2O\_PER\_L |
|  | | | | | | |
|  | Tdisconnect | | | | | | | | |  | | | |  | 227 | MNDRY\_TIME\_DISCONNECT | 99MNDRY | 1.13.1.227 | MDC\_DIM\_SEC |
|  | | | | | | | | |
|  | Flow Acceleration | | | | | | | | | |  | | |  | 20066 | MNDRY\_VENT\_FLOW\_ACC\_SETTING | 99MNDRY | 1.13.1.20066 | MNDRY\_DIM\_CM\_H2O\_PER\_SEC |
|  | | | | | | | | | |
|  | MinVol% | | | | | | |  | | | | | |  | 20067 | MNDRY\_VENT\_MIN\_VOLUME\_PERCENT\_SE  TTING | 99MNDRY | 1.13.1.20067 | MDC\_DIM\_PERCENT |
|  | | | | | | |
|  | Airway Dead Space | | | | | | | | | | |  | |  | 151984 | MDC\_VENT\_VOL\_AWAY\_DEADSP | MDC | 1.13.1.151984 | MDC\_DIM\_MILLI\_L |
| (Vds,VDaw) | | | | | | | | | | |
|  | Energy Expenditure (EE) | | | | | | | | | | | |  |  | 228 | MNDRY\_RESP\_EXPENDED\_ENERGY | 99MNDRY | 1.13.1.228 | MNDRY\_DIM\_KILO\_CAL\_PER\_DAY |
|  | | | | | | | | | | | |
|  | Respiratory Quotient (RQ) | | | | | | | | | | | | |  | 151828 | MDC\_QUO\_RESP | MDC | 1.13.1.151828 | MDC\_DIM\_DIMLESS |
|  | | | | | | | | | | | | |
|  | VO2 | |  | | | | | | | | | | |  | 152420 | MDC\_FLOW\_O2\_CONSUMP | MDC | 1.13.1.152420 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | |
|  | VCO2 | | |  | | | | | | | | | |  | 151776 | MDC\_FLOW\_CO2\_PROD\_RESP | MDC | 1.13.1.151776 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | | |
|  | VO2/m2 | | | | |  | | | | | | | |  | 207 | MNDRY\_FLOW\_O2\_CONSUMP\_PER\_M\_SQ | 99MNDRY | 1.13.1.207 | MDC\_DIM\_MILLI\_L\_PER\_MIN\_PER\_M\_SQ |
|  | | | | |
|  | VCO2/m2 | | | | | | |  | | | | | |  | 208 | MDNRY\_FLOW\_CO2\_PROD\_RESP\_PER\_M\_  SQ | 99MNDRY | 1.13.1.208 | MDC\_DIM\_MILLI\_L\_PER\_MIN\_PER\_M\_SQ |
|  | | | | | | |
|  | VO2/kg | | | | |  | | | | | | | |  | 209 | MNDRY\_FLOW\_O2\_CONSUMP\_PER\_KG | 99MNDRY | 1.13.1.209 | MNDRY\_DIM\_MILLI\_L\_PER\_MIN\_PER\_KG |
|  | | | | |
|  | VCO2/kg | | | | | | |  | | | | | |  | 210 | MDNRY\_FLOW\_CO2\_PROD\_RESP\_PER\_KG | 99MNDRY | 1.13.1.210 | MNDRY\_DIM\_MILLI\_L\_PER\_MIN\_PER\_KG |
|  | | | | | | |
|  | ATC(Automatic | | | | | | | | | | | | | Tube | 222 | MNDRY\_AUTO\_TUBE\_COMP | 99MNDRY | 1.13.1.222 | MDC\_DIM\_PERCENT |
| Compensation) | | | | | | | | | | | | |  |
|  | Tube ID | | | | |  | | | | | | | |  | 223 | MNDRY\_ET\_TUBE\_INNER\_DIAMETER | 99MNDRY | 1.13.1.223 | MDC\_DIM\_PER\_MIN |
|  | | | | |
|  | PR |  | | | | | | | | | | | |  | 149546 | MDC\_PULS\_RATE\_NON\_INV | MDC | 1.13.1.149546 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |
|  | SpO2 | | |  | | | | | | | | | |  | 150456 | MDC\_PULS\_OXIM\_SAT\_O2 | MDC | 1.13.1.150456 | MDC\_DIM\_PERCENT |
|  | | |
|  | VTCO2 | | | | |  | | | | | | | |  | 346 | MNDRY\_VOL\_AWAY\_TIDAL\_CO2 | 99MNDRY | 1.13.1.346 | MDC\_DIM\_MILLI\_L |
|  | | | | |
|  | O2% Setting | | | | | | | | |  | | | |  | 20018 | MNDRY\_VENT\_O2\_SETTING | 99MNDRY | 1.13.1.20018 | MDC\_DIM\_PERCENT |
|  | | | | | | | | |
| **Observation Type** | | | | | | | | | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Tpeep | | | |  | | | | | | | | | | 20068 | MNDRY\_VENT\_TIME\_PEEP\_SETTING | 99MNDRY | 1.13.1.20068 | MDC\_DIM\_SEC |
|  | | | |
|  | TI:TTOT | | | | | |  | | | | | | | | 343 | MNDRY\_RATIO\_TI\_TTOT | 99MNDRY | 1.13.1.343 | MDC\_DIM\_DIMLESS |
|  | | | | | |

Table 29 Anaethesia Machine Observation Type Field Codes



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Observation Type** | | | | | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Inspired Minute Volume (MVi) | | | | | | | | |  | 152004 | MDC\_VENT\_VOL\_MINUTE\_INSP | MDC | 1.14.1.152004 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | | | |
|  | Leakage Volume (MVLeak) | | | | | | | |  | | 152432 | MDC\_VENT\_VOL\_LEAK | MDC | 1.14.1.152432 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | | |
|  | Rate Setting | | | | |  | | | | | 20016 | MNDRY\_VENT\_RESP\_RATE\_SETTING | 99MNDRY | 1.14.1.20016 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | | | |
|  | RR |  | | | | | | | | | 151562 | MDC\_RESP\_RATE | MDC | 1.14.1.151562 | MDC\_DIM\_RESP\_PER\_MIN |
|  |
|  | Total Breath Rate (ftot) | | | | | | |  | | | 178 | MNDRY\_BREATH\_RATE\_TOTAL | 99MNDRY | 1.14.1.178 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | | | | | |
|  | Mandatory Breath Rate (fmand) | | | | | | | | | | 179 | MNDRY\_BREATH\_RATE\_MAND | 99MNDRY | 1.14.1.179 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | | | | | | | | |
|  | Spontaneous Breath Rate (fspn) | | | | | | | | | | 180 | MNDRY\_BREATH\_RATE\_SPONT | 99MNDRY | 1.14.1.180 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | | | | | | | | |
|  | fSIMV | | |  | | | | | | | 20020 | MNDRY\_VENT\_SIMV\_RATE\_SETTING | 99MNDRY | 1.14.1.20020 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | |
|  | Minimum Respiration Rate | | | | | | | |  | | 20001 | MNDRY\_RESP\_RATE\_MIN\_SETTING | 99MNDRY | 1.14.1.20001 | MDC\_DIM\_RESP\_PER\_MIN |
| (fmin) | | | | | | | |
|  | I:E |  | | | | | | | | | 151832 | MDC\_RATIO\_IE | MDC | 1.14.1.151832 | MDC\_DIM\_DIMLESS |
|  |
|  | I:E Setting | | | |  | | | | | | 20000 | MNDRY\_RATIO\_IE\_SETTING | 99MNDRY | 1.14.1.20000 | MDC\_DIM\_DIMLESS |
|  | | | |
| Tpause%, TIP:TI | | | | | | | | | | | 20007 | MNDRY\_VENT\_PAUSE\_TIME\_PERCENT\_S  ETTING | 99MNDRY | 1.14.1.20007 | MDC\_DIM\_PERCENT |
| Tslope, Trise, P-Ramp | | | | | | | | | | | 20005 | MNDRY\_VENT\_SLOPE\_TIME\_SETTING | 99MNDRY | 1.14.1.20005 | MDC\_DIM\_SEC  MDC\_DIM\_MILLI\_SEC |
|  | Tinsp | |  | | | | | | | | 20051 | MNDRY\_VENT\_INSP\_PD\_SETTING | 99MNDRY | 1.14.1.20051 | MDC\_DIM\_SEC |
|  | |
|  | Texp | |  | | | | | | | | 229 | MNDRY\_TIME\_PD\_EXP | 99MNDRY | 1.14.1.229 | MDC\_DIM\_SEC |
|  | |
| SIMV Trigger Window | | | | | | | | | | | 20044 | MNDRY\_VENT\_TRIGGER\_WINDOW\_SETTI  NG | 99MNDRY | 1.14.1.20044 | MDC\_DIM\_PERCENT |
|  | Plimit | |  | | | | | | | | 20013 | MNDRY\_VENT\_PRESS\_LIMIT\_SETTING | 99MNDRY | 1.14.1.20013 | MDC\_DIM\_CM\_H2O |
|  | |
|  | Pinsp | |  | | | | | | | | 20002 | MNDRY\_VENT\_PRESS\_INSP\_SETTING | 99MNDRY | 1.14.1.20002 | MDC\_DIM\_CM\_H2O |
|  | |
|  | △P, ΔPsupp, PASB | | | | | |  | | | | 20003 | MNDRY\_VENT\_DELTA\_PRESS\_SETTING | 99MNDRY | 1.14.1.20003 | MDC\_DIM\_CM\_H2O |

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| **Observation Type** | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Pmax |  | | | | | 20040 | MNDRY\_PV\_TOOL\_PMAX\_SETTING | 99MNDRY | 1.14.1.20040 | MDC\_DIM\_CM\_H2O |
|  |
| F trigger | | | | | | | 20014 | MNDRY\_VENT\_FLOW\_TRIG\_SENS\_SETTIN  G | 99MNDRY | 1.14.1.20014 | MDC\_DIM\_L\_PER\_MIN |
| P trigger | | | | | | | 20019 | MNDRY\_VENT\_PRESS\_TRIG\_SENS\_SETTI  NG | 99MNDRY | 1.14.1.20019 | MDC\_DIM\_CM\_H2O |
|  | Insp. Flow | |  | | | | 151948 | MDC\_VENT\_FLOW\_INSP | MDC | 1.14.1.151948 | MDC\_DIM\_L\_PER\_MIN |
|  | |
|  | Exp. Flow | |  | | | | 151944 | MDC\_VENT\_FLOW\_EXP | MDC | 1.14.1.151944 | MDC\_DIM\_L\_PER\_MIN |
|  | |
|  | Exp% |  | | | | | 20026 | MNDRY\_VENT\_EXP\_TRIGGER\_SETTING | 99MNDRY | 1.14.1.20026 | MDC\_DIM\_PERCENT |
|  |
|  | Pulmonary Compliance | | | | | | 151688 | MDC\_COMPL\_LUNG | MDC | 1.14.1.151688 | MDC\_DIM\_MILLI\_L\_PER\_CM\_H2O |
| (Compl.) | | | | | |
|  | Airway Resistance (Raw) | | | | |  | 151840 | MDC\_RES\_AWAY | MDC | 1.14.1.151840 | MDC\_DIM\_CM\_H2O\_PER\_L\_PER\_SEC |
|  | | | | |
|  | Pmin |  | | | | | 151794 | MDC\_PRESS\_AWAY\_MIN | MDC | 1.14.1.151794 | MDC\_DIM\_CM\_H2O |
|  |
|  | Paux Min(minimum auxiliary | | | | | | 187 | MNDRY\_PRESS\_AUX\_MIN | 99MNDRY | 1.14.1.187 | MDC\_DIM\_CM\_H2O |
| pressure) | | | | | |
|  | Paux Peak(max positive | | | | | | 185 | MNDRY\_PRESS\_AUX\_POSITIVE\_MAX | 99MNDRY | 1.14.1.185 | MDC\_DIM\_CM\_H2O |
| auxiliary pressure) | | | | | |
| Paux Mean | | | | | | | 186 | MNDRY\_PRESS\_AUX\_MEAN | 99MNDRY | 1.14.1.186 | MDC\_DIM\_CM\_H2O |
|  | FRC(fractional residual | | | | | | 192 | MNDRY\_CAPACITY\_FRACTIONAL\_RESIDU  AL | 99MNDRY | 1.14.1.192 | MDC\_DIM\_MILLI\_L |
| capacity) | | | | | |
|  | Intrinsic PEEP (PEEPi) | | | |  | | 151808 | MDC\_PRESS\_AWAY\_END\_EXP\_POS\_INTRI  NSIC | MDC | 1.14.1.151808 | MDC\_DIM\_CM\_H2O |
|  | | | |
|  | Extrinsic PEEP (PEEPe) | | | | |  | 195 | MNDRY\_PRESS\_AWAY\_END\_EXP\_POS\_EX  TRINSIC | 99MNDRY | 1.14.1.195 | MDC\_DIM\_CM\_H2O |
|  | | | | |
|  | Total PEEP (PEEPtot) | | |  | | | 196 | MNDRY\_PRESS\_AWAY\_END\_EXP\_POS\_T | 99MNDRY | 1.14.1.196 | MDC\_DIM\_CM\_H2O |
|  | | |

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| **Observation Type** | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | | | | |  | OTAL |  |  |  |
| PEEPi Time | | | | | 224 | MNDRY\_TIME\_PRESS\_AWAY\_END\_EXP\_P  OS\_INTRINSIC | 99MNDRY | 1.14.1.224 | MDC\_DIM\_MIN |
| P0.1 time | | | | | 225 | MNDRY\_TIME\_PRESS\_100\_MS\_OCCLUSIO  N | 99MNDRY | 1.14.1.225 | MDC\_DIM\_MIN |
|  | P0.1(100 ms occlusion | | | | 194 | MNDRY\_PRESS\_100\_MS\_OCCLUSION | 99MNDRY | 1.14.1.194 | MDC\_DIM\_CM\_H2O |
| pressure) | | | |
| Trise% | | | | | 20049 | MNDRY\_VENT\_SLOPE\_TIME\_PERCENT\_S  ETTING | 99MNDRY | 1.14.1.20049 | MDC\_DIM\_PERCENT |
| Tinsp% | | | | | 20052 | MNDRY\_VENT\_INSP\_PD\_PERCENT\_SETTI  NG | 99MNDRY | 1.14.1.20052 | MDC\_DIM\_PERCENT |
| Tpuase, Tip | | | | | 20048 | MNDRY\_VENT\_PAUSE\_TIME\_SETTING | 99MNDRY | 1.14.1.20048 | MDC\_DIM\_SEC |
| △Pinsp, PC above PEEP | | | | | 20069 | MNDRY\_VENT\_DELTA\_PRESS\_INSP\_SETTI  NG | 99MNDRY | 1.14.1.20069 | MDC\_DIM\_CM\_H2O |
| TI:TTOT | | | | | 343 | MNDRY\_RATIO\_TI\_TTOT | 99MNDRY | 1.14.1.343 | MDC\_DIM\_DIMLESS |
| O2% Setting | | | | | 20018 | MNDRY\_VENT\_O2\_SETTING | 99MNDRY | 1.14.1.20018 | MDC\_DIM\_PERCENT |
| VtG | | | | | 20006 | MNDRY\_VENT\_TIDAL\_VOL\_GUARANTEED  \_SETTING | 99MNDRY | 1.14.1.20006 | MDC\_DIM\_MILLI\_L |
| PlimVG | | | | | 20008 | MNDRY\_VENT\_PRESS\_LIMIT\_VOL\_GUARA  NTEE\_SETTING | 99MNDRY | 1.14.1.20008 | MDC\_DIM\_CM\_H2O |
|  | RRCO2 | | |  | 151610 | MDC\_VENT\_CO2\_RESP\_RATE | MDC | 1.14.1.151610 | MDC\_DIM\_RESP\_PER\_MIN |
|  | | |
|  | EtCO2 | |  | | 151928 | MDC\_VENT\_AWAY\_CO2\_ET | MDC | 1.14.1.151928 | MDC\_DIM\_MMHG |
|  | |
|  | FiCO2 | |  | | 151936 | MDC\_VENT\_AWAY\_CO2\_INSP | MDC | 1.14.1.151936 | MDC\_DIM\_MMHG |
|  | |
|  | FiO2 |  | | | 152196 | MDC\_CONC\_AWAY\_O2\_INSP | MDC | 1.14.1.152196 | MDC\_DIM\_MMHG |
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| **Observation Type** | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | EtO2 |  | | | 152440 | MDC\_CONC\_AWAY\_O2\_ET | MDC | 1.14.1.152440 | MDC\_DIM\_MMHG |
|  |
|  | ΔO2 |  | | | 151912 | MDC\_VENT\_CONC\_AWAY\_O2\_DELTA | MDC | 1.14.1.151912 | MDC\_DIM\_MMHG |
|  |
|  | Tapnea | | |  | 151856 | MDC\_TIME\_PD\_APNEA | MDC | 1.14.1.151856 | MDC\_DIM\_SEC |
|  | | |
|  | FiN2O | |  | | 152192 | MDC\_CONC\_AWAY\_N2O\_INSP | MDC | 1.14.1.152192 | MDC\_DIM\_PERCENT |
|  | |
|  | EtN2O | |  | | 152108 | MDC\_CONC\_AWAY\_N2O\_ET | MDC | 1.14.1.152108 | MDC\_DIM\_PERCENT |
|  | |
|  | FiDes |  | | | 152168 | MDC\_CONC\_AWAY\_DESFL\_INSP | MDC | 1.14.1.152168  1.14.2.152168 | MDC\_DIM\_PERCENT |
| FiDes 2nd | | | |
|  | EtDes | | 2nd | | 152084 | MDC\_CONC\_AWAY\_DESFL\_ET | MDC | 1.14.1.152084  1.14.2.152084 | MDC\_DIM\_PERCENT |
| EtDes | |
|  | FiSev | 2nd | | | 152180 | MDC\_CONC\_AWAY\_SEVOFL\_INSP | MDC | 1.14.1.152180  1.14.2.152180 | MDC\_DIM\_PERCENT |
| FiSev |
|  | EtSe | v | | | 152096 | MDC\_CONC\_AWAY\_SEVOFL\_ET | MDC | 1.14.1.152096  1.14.2.152096 | MDC\_DIM\_PERCENT |
| EtSev 2nd | | | |
|  | FiEnf | 2nd | | | 152172 | MDC\_CONC\_AWAY\_ENFL\_INSP | MDC | 1.14.1.152172  1.14.2.152172 | MDC\_DIM\_PERCENT |
| FiEnf |
|  | EtEnf | 2nd | | | 152088 | MDC\_CONC\_AWAY\_ENFL\_ET | MDC | 1.14.1.152088  1.14.2.152088 | MDC\_DIM\_PERCENT |
| EtEnf |
|  | Filso |  | | | 152184 | MDC\_CONC\_AWAY\_ISOFL\_INSP | MDC | 1.14.1.152184 | MDC\_DIM\_PERCENT |
|  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Filso 2nd | | |  |  |  |  | 1.14.2.152184 |  |
|  | | |
|  | Etlso | 2nd | | | 152100 | MDC\_CONC\_AWAY\_ISOFL\_ET | MDC | 1.14.1.152100  1.14.2.152100 | MDC\_DIM\_PERCENT |
| Etlso |
|  | FiHal | 2nd | | | 152176 | MDC\_CONC\_AWAY\_HALOTH\_INSP | MDC | 1.14.1.152176  1.14.2.152176 | MDC\_DIM\_PERCENT |
| FiHal |
|  | EtHa | l  l 2nd | | | 152092 | MDC\_CONC\_AWAY\_HALOTH\_ET | MDC | 1.14.1.152092  1.14.2.152092 | MDC\_DIM\_PERCENT |
| EtHa |
|  | FiAA | 2nd | | | 152464 | MDC\_CONC\_AWAY\_AGENT\_INSP | MDC | 1.14.1.152464  1.14.2.152464 | MDC\_DIM\_PERCENT |
| FiAA |
|  | EtAA | nd | | | 152460 | MDC\_CONC\_AWAY\_AGENT\_ET | MDC | 1.14.1.152460  1.14.2.152460 | MDC\_DIM\_PERCENT |
| EtAA 2 |
|  | Insp. MAC(Inspiration Mean | | | | 174 | MNDRY\_CONC\_MAC\_INSP | 99MNDRY | 1.14.1.174 | MDC\_DIM\_DIMLESS |
| Aveolar Concentration) | | | |
|  | Exp. MAC(Expiratory Mean | | | | 175 | MNDRY\_CONC\_MAC\_EXP | 99MNDRY | 1.14.1.175 | MDC\_DIM\_DIMLESS |
| Aveolar Concentration) | | | |
|  | MAC(Mean Aveolar | | | | 119 | MNDRY\_CONC\_MAC | 99MNDRY | 1.14.1.119 | MDC\_DIM\_DIMLESS |
| Concentration) | | | |
|  | ATMP | |  | | 211 | MNDRY\_PRESS\_BAROMETRIC | 99MNDRY | 1.14.1.211 | MDC\_DIM\_MMHG |
|  | |
|  | HALLev | | |  | 152060 | MDC\_VENT\_CONC\_HALOTH | MDC | 1.14.1.152060 | MDC\_DIM\_MILLI\_L |
|  | | |
|  | ENFLev | | |  | 152056 | MDC\_VENT\_CONC\_ENFFL | MDC | 1.14.1.152056 | MDC\_DIM\_MILLI\_L |
|  | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | | | | | | | | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | ISOLev | | | | | |  | | | | | |  | 152068 | MDC\_VENT\_CONC\_ISOFL | MDC | 1.14.1.152068 | MDC\_DIM\_MILLI\_L |
|  | | | | | |
|  | DESLev | | | | | |  | | | | | |  | 152052 | MDC\_VENT\_CONC\_DESFL | MDC | 1.14.1.152052 | MDC\_DIM\_MILLI\_L |
|  | | | | | |
|  | SEVLev | | | | | |  | | | | | |  | 152064 | MDC\_VENT\_CONC\_SEVOFL | MDC | 1.14.1.152064 | MDC\_DIM\_MILLI\_L |
|  | | | | | |
|  | VO2 | |  | | | | | | | | | |  | 152420 | MDC\_FLOW\_O2\_CONSUMP | MDC | 1.14.1.150272 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | |
|  | VCO2 | | | | |  | | | | | | |  | 151776 | MDC\_FLOW\_CO2\_PROD\_RESP | MDC | 1.14.1.151776 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | | | | |
|  | VO2/m2 | | | | | |  | | | | | |  | 207 | MNDRY\_FLOW\_O2\_CONSUMP\_PER\_M\_SQ | 99MNDRY | 1.14.1.207 | MDC\_DIM\_MILLI\_L\_PER\_MIN\_PER\_M\_SQ |
|  | | | | | |
|  | VO2/KG | | | | | |  | | | | | |  | 209 | MNDRY\_FLOW\_O2\_CONSUMP\_PER\_KG | 99MNDRY | 1.14.1.209 | MNDRY\_DIM\_MILLI\_L\_PER\_MIN\_PER\_KG |
|  | | | | | |
|  | EE (Energy Expenditure) | | | | | | | | | | | |  | 228 | MNDRY\_RESP\_EXPENDED\_ENERGY | 99MNDRY | 1.14.1.228 | MDC\_DIM\_KILO\_CAL\_PER\_DAY |
|  | | | | | | | | | | | |
|  | RQ |  | | | | | | | | | | |  | 151828 | MDC\_QUO\_RESP | MDC | 1.14.1.151828 | MDC\_DIM\_DIMLESS |
|  |
|  | PO2 | |  | | | | | | | | | |  | 152292 | MDC\_VENT\_AWAY\_O2 | MDC | 1.14.1.152292 | MDC\_DIM\_KILO\_PASCAL |
|  | |
|  | PN2O | | | | |  | | | | | | |  | 152288 | MDC\_VENT\_N2O | MDC | 1.14.1.152288 | MDC\_DIM\_KILO\_PASCAL |
|  | | | | |
|  | Pair(Air Supply Pressure) | | | | | | | | | | | |  | 216 | MNDRY\_PRESS\_SUPPLY\_AIR | 99MNDRY | 1.14.1.216 | MDC\_DIM\_KILO\_PASCAL |
|  | | | | | | | | | | | |
|  | O2 cyl | | | | | . | | | | | | |  | 217 | MNDRY\_PRESS\_CYLINDER\_O2 | 99MNDRY | 1.14.1.217 | MDC\_DIM\_KILO\_PASCAL |
|  | | | | |
| O2 cyl.2nd | | | | | | | | | | | | |  | 218 | MNDRY\_PRESS\_CYLINDER\_O2\_SECONDA  RY | 99MNDRY | 1.14.1.218 | MDC\_DIM\_KILO\_PASCAL |
|  | N2O cyl | | | | | |  | | | | | |  | 220 | MNDRY\_PRESS\_CYLINDER\_N2O | 99MNDRY | 1.14.1.220 | MDC\_DIM\_KILO\_PASCAL |
|  | | | | | |
|  | air cyl. | | | | |  | | | | | | |  | 219 | MNDRY\_PRESS\_CYLINDER\_AIR | 99MNDRY | 1.14.1.219 | MDC\_DIM\_KILO\_PASCAL |
|  | | | | |
|  | FG(Freshgas Flow) | | | | | | | | | | |  |  | 221 | MNDRY\_FLOW\_FG | 99MNDRY | 1.14.1.221 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | | | | | | | | | | |
|  | O2 Flow | | | | | |  | | | | | |  | 232 | MNDRY\_FLOW\_O2 | 99MNDRY | 1.14.1.232 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | |
|  | Air Flow | | | | | |  | | | | | |  | 233 | MNDRY\_FLOW\_AIR | 99MNDRY | 1.14.1.233 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | |
|  | N2O Flow | | | | | | | |  | | | |  | 235 | MNDRY\_FLOW\_N2O | 99MNDRY | 1.14.1.235 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | | |
|  | O2 Flow Setting | | | | | | | | |  | | |  | 20010 | MNDRY\_FLOW\_O2\_FG\_SETTING | 99MNDRY | 1.14.1.20010 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | | | |
|  | Air Flow Setting | | | | | | | | |  | | |  | 20012 | MNDRY\_FLOW\_AIR\_FG\_SETTING | 99MNDRY | 1.14.1.20012 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | | | |
|  | N2O Flow Setting | | | | | | | | | |  | |  | 20011 | MNDRY\_FLOW\_N2O\_FG\_SETTING | 99MNDRY | 1.14.1.20011 | MDC\_DIM\_L\_PER\_MIN |
|  | | | | | | | | | |
| **Observation Type** | | | | | | | | | | | | | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Des Flow | | | | | | |  | | | | | | 236 | MNDRY\_FLOW\_DES | 99MNDRY | 1.14.1.236 | MDC\_DIM\_MILLI\_L\_PER\_HR |
|  | | | | | | |
|  | Enf Flow | | | | | | |  | | | | | | 237 | MNDRY\_FLOW\_ENF | 99MNDRY | 1.14.1.237 | MDC\_DIM\_MILLI\_L\_PER\_HR |
|  | | | | | | |
|  | Iso Flow | | | | | | |  | | | | | | 238 | MNDRY\_FLOW\_ISO | 99MNDRY | 1.14.1.238 | MDC\_DIM\_MILLI\_L\_PER\_HR |
|  | | | | | | |
|  | Hal Flow | | | | | | |  | | | | | | 239 | MNDRY\_FLOW\_HAL | 99MNDRY | 1.14.1.239 | MDC\_DIM\_MILLI\_L\_PER\_HR |
|  | | | | | | |
|  | Sev Flow | | | | | | |  | | | | | | 240 | MNDRY\_FLOW\_SEV | 99MNDRY | 1.14.1.240 | MDC\_DIM\_MILLI\_L\_PER\_HR |
|  | | | | | | |
|  | BSA | | |  | | | | | | | | | | 188744 | MDC\_AREA\_BODY\_SURF\_ACTUAL | MDC | 1.14.1.188744 | MDC\_DIM\_SQ\_M |
|  | | |
|  | BIS |  | | | | | | | | | | | | 120 | MNDRY\_EEG\_BISPECTRAL\_INDEX | 99MNDRY | 1.14.1.120 | MDC\_DIM\_DIMLESS |
|  |
|  | SQ | I | | | | | | | | | | | | 122 | MNDRY\_EEG\_SIGNAL\_QUALITY\_INDEX | 99MNDRY | 1.14.1.122 | MDC\_DIM\_PERCENT |
|  |
| SR | | | | | | | | | | | | | | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPR  N | MDC | 1.14.1.155024 | MDC\_DIM\_PERCENT |
|  | EMG | | |  | | | | | | | | | | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.14.1.153916 | MDC\_DIM\_DECIBEL |
|  | | |
| SEF | | | | | | | | | | | | | | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPE  CTRAL\_EDGE | MDC | 1.14.1.153992 | MDC\_DIM\_HZ |
|  | TP |  | | | | | | | | | | | | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.14.1.154040 | MDC\_DIM\_DECIBEL |
|  |
|  | BC |  | | | | | | | | | | | | 154028 | MDC\_EEG\_NUM\_SPK | MDC | 1.14.1.154028 | MDC\_DIM\_PER\_MIN |
|  |
|  | SpO2 | | | |  | | | | | | | | | 150456 | MDC\_PULS\_OXIM\_SAT\_O2 | MDC | 1.14.1.150456 | MDC\_DIM\_PERCENT |
|  | | | |
|  | PR |  | | | | | | | | | | | | 149546 | MDC\_PULS\_RATE\_NON\_INV | MDC | 1.14.1.149546 | MDC\_DIM\_BEAT\_PER\_MIN |
|  |

Table 30 TcGas Type Field Codes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| tcpCO2 | 151756 | MDC\_CO2\_TCUT | MDC | 1.15.1.151756 | MDC\_DIM\_MMHG |
| tcpO2 | 151760 | MDC\_O2\_TCUT | MDC | 1.15.1.151760 | MDC\_DIM\_MMHG |
| Oxygen Saturation | 150456 | MDC\_PULS\_OXIM\_SAT\_O2 | MDC | 1.15.1.150456 | MDC\_DIM\_PERCENT |
| Pulse Rate | 149530 | MDC\_PULS\_OXIM\_PULS\_RATE | MDC | 1.15.1.149530 | MDC\_DIM\_BEAT\_PER\_MIN |
| Power | 215 | MNDRY\_POWER\_TCUT | 99MNDRY | 1.15.1.215 | MDC\_DIM\_MILLI\_WATT |
| Temp | 150344 | MDC\_TEMP | MDC | 1.15.1.150344 | MDC\_DIM\_DEGC |

Table 31 +NMT Type Field Codes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| TOF-Ratio | 199 | MNDRY\_NMT\_TOF\_RATIO | 99MNDRY | 1.16.1.199 | MDC\_DIM\_PERCENT |
| TOF-Count | 200 | MNDRY\_NMT\_TOF\_COUNT | 99MNDRY | 1.16.1.200 | MDC\_DIM\_DIMLESS |
| PTC | 206 | MNDRY\_NMT\_POST\_TETANIC\_COUNT | 99MNDRY | 1.16.1.206 | MDC\_DIM\_DIMLESS |
| Single | 201 | MNDRY\_NMT\_ST\_RATIO | 99MNDRY | 1.16.1.1604 | MDC\_DIM\_PERCENT |
| Tskin | 150388 | MDC\_TEMP\_SKIN | MDC | 1.16.1.150388 | MDC\_DIM\_FAHR |
| T1% | 205 | MNDRY\_NMT\_FIRST\_TWITCH\_RATIO | 99MNDRY | 1.16.1.205 | MDC\_DIM\_PERCENT |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| T2% | 333 | MNDRY\_NMT\_SECOND\_TWITCH\_RATIO | 99MNDRY | 1.16.1.333 | MDC\_DIM\_PERCENT |
| T3% | 334 | MNDRY\_NMT\_THIRD\_TWITCH\_RATIO | 99MNDRY | 1.16.1.334 | MDC\_DIM\_PERCENT |
| T4% | 335 | MNDRY\_NMT\_FORTH\_TWITCH\_RATIO | 99MNDRY | 1.16.1.335 | MDC\_DIM\_PERCENT |

Table 32 NMT Type Field Codes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| TOF-Ratio | 199 | MNDRY\_NMT\_TOF\_RATIO | 99MNDRY | 1.23.1.199 | MDC\_DIM\_PERCENT |
| TOF-Count | 200 | MNDRY\_NMT \_TOF\_COUNT | 99MNDRY | 1.23.1.200 | MDC\_DIM\_DIMLESS |
| ST-Ratio | 201 | MNDRY\_NMT\_ST\_RATIO | 99MNDRY | 1.23.1.201 | MDC\_DIM\_PERCENT |
| ST-Count | 202 | MNDRY\_NMT \_ST\_COUNT | 99MNDRY | 1.23.1.202 | MDC\_DIM\_DIMLESS |
| DBS-Ratio | 203 | MNDRY\_NMT\_DBS\_RATIO | 99MNDRY | 1.23.1.203 | MDC\_DIM\_PERCENT |
| DBS-Count | 204 | MNDRY\_NMT \_DBS\_COUNT | 99MNDRY | 1.23.1.204 | MDC\_DIM\_DIMLESS |
| T1% | 205 | MNDRY\_NMT\_FIRST\_TWITCH\_RATIO | 99MNDRY | 1.23.1.205 | MDC\_DIM\_PERCENT |
| T2% | 333 | MNDRY\_NMT\_SECOND\_TWITCH\_RATIO | 99MNDRY | 1.23.1.333 | MDC\_DIM\_PERCENT |
| T3% | 334 | MNDRY\_NMT\_THIRD\_TWITCH\_RATIO | 99MNDRY | 1.23.1.334 | MDC\_DIM\_PERCENT |
| **Observation Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| T4% | 335 | MNDRY\_NMT\_FORTH\_TWITCH\_RATIO | 99MNDRY | 1.23.1.335 | MDC\_DIM\_PERCENT |
| PTC | 206 | MNDRY\_NMT\_POST\_TETANIC\_COUNT | 99MNDRY | 1.23.1.206 | MDC\_DIM\_DIMLESS |

Table 33 EEG Type Field Codes

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | SEF1, Channel 1 | |  |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECTRAL\_EDGE | MDC | 1.17.1. 153992 | MDC\_DIM\_HZ |
|  | |
|  | MF1, Channel 1 |  | |  | 153984 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_MEDIAN | MDC | 1.17.1.153984 | MDC\_DIM\_HZ |
|  |
|  | PPF1, Channel 1 | |  |  | 153988 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_PEAK | MDC | 1.17.1.153988 | MDC\_DIM\_HZ |
|  | |
|  | TP1, Channel 1 |  | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.17.1.154040 | MDC\_DIM\_DECIBEL |
|  |
|  | SR1, Channel 1 |  | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.17.1.155024 | MDC\_DIM\_PERCENT |
|  |
|  | EMG1, Channel 1 | |  |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.17.1.153916 | MDC\_DIM\_DECIBEL |
|  | |
|  | Delta1, Channel 1 | |  |  | 154076 | MDC\_EEG\_PWR\_SPEC\_DELTA\_REL | MDC | 1.17.1.154076 | MDC\_DIM\_PERCENT |
|  | |
|  | Theta1, Channel 1 | | |  | 154080 | MDC\_EEG\_PWR\_SPEC\_THETA\_REL | MDC | 1.17.1.154080 | MDC\_DIM\_PERCENT |
|  | | |
|  | Alpha1, Channel 1 | | |  | 154068 | MDC\_EEG\_PWR\_SPEC\_ALPHA\_REL | MDC | 1.17.1.154068 | MDC\_DIM\_PERCENT |
|  | | |
|  | Beta1, Channel 1 | |  |  | 154072 | MDC\_EEG\_PWR\_SPEC\_BETA\_REL | MDC | 1.17.1.154072 | MDC\_DIM\_PERCENT |
|  | |
|  | SEF2, Channel 2 | |  |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECTRAL\_EDGE | MDC | 1.17.2. 153992 | MDC\_DIM\_HZ |
|  | |
|  | MF2, Channel 2 |  | |  | 153984 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_MEDIAN | MDC | 1.17.2.153984 | MDC\_DIM\_HZ |
|  |
|  | PPF2, Channel 2 | |  |  | 153988 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_PEAK | MDC | 1.17.2.153988 | MDC\_DIM\_HZ |
|  | |
|  | TP2, Channel 2 |  | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.17.2.154040 | MDC\_DIM\_DECIBEL |
|  |
|  | SR2, Channel 2 |  | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.17.2.155024 | MDC\_DIM\_PERCENT |
|  |
|  | EMG2, Channel 2 | |  |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.17.2.153916 | MDC\_DIM\_DECIBEL |
|  | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | | | |  | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | Delta2, Channel 2 | |  |  | 154076 | MDC\_EEG\_PWR\_SPEC\_DELTA\_REL | MDC | 1.17.2.154076 | MDC\_DIM\_PERCENT |
|  | |
|  | Theta2, Channel 2 | | |  | 154080 | MDC\_EEG\_PWR\_SPEC\_THETA\_REL | MDC | 1.17.2.154080 | MDC\_DIM\_PERCENT |
|  | | |
|  | Alpha2, Channel 2 | | |  | 154068 | MDC\_EEG\_PWR\_SPEC\_ALPHA\_REL | MDC | 1.17.2.154068 | MDC\_DIM\_PERCENT |
|  | | |
|  | Beta2, Channel 2 | |  |  | 154072 | MDC\_EEG\_PWR\_SPEC\_BETA\_REL | MDC | 1.17.2.154072 | MDC\_DIM\_PERCENT |
|  | |
|  | SEF3, Channel 3 | |  |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECTRAL\_EDGE | MDC | 1.17.3. 153992 | MDC\_DIM\_HZ |
|  | |
|  | MF3, Channel 3 |  | |  | 153984 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_MEDIAN | MDC | 1.17.3.153984 | MDC\_DIM\_HZ |
|  |
|  | PPF3, Channel 3 | |  |  | 153988 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_PEAK | MDC | 1.17.3.153988 | MDC\_DIM\_HZ |
|  | |
|  | TP3, Channel 3 |  | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.17.3.154040 | MDC\_DIM\_DECIBEL |
|  |
|  | SR3, Channel 3 |  | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.17.3.155024 | MDC\_DIM\_PERCENT |
|  |
|  | EMG3, Channel 3 | |  |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.17.3.153916 | MDC\_DIM\_DECIBEL |
|  | |
|  | Delta3, Channel 3 | |  |  | 154076 | MDC\_EEG\_PWR\_SPEC\_DELTA\_REL | MDC | 1.17.3.154076 | MDC\_DIM\_PERCENT |
|  | |
|  | Theta3, Channel 3 | | |  | 154080 | MDC\_EEG\_PWR\_SPEC\_THETA\_REL | MDC | 1.17.3.154080 | MDC\_DIM\_PERCENT |
|  | | |
|  | Alpha3, Channel 3 | | |  | 154068 | MDC\_EEG\_PWR\_SPEC\_ALPHA\_REL | MDC | 1.17.3.154068 | MDC\_DIM\_PERCENT |
|  | | |
|  | Beta3, Channel 3 | |  |  | 154072 | MDC\_EEG\_PWR\_SPEC\_BETA\_REL | MDC | 1.17.3.154072 | MDC\_DIM\_PERCENT |
|  | |
|  | SEF4, Channel 4 | |  |  | 153992 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_SPECTRAL\_EDGE | MDC | 1.17.4. 153992 | MDC\_DIM\_HZ |
|  | |
|  | MF4, Channel 4 |  | |  | 153984 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_MEDIAN | MDC | 1.17.4.153984 | MDC\_DIM\_HZ |
|  |
|  | PPF4, Channel 4 | |  |  | 153988 | MDC\_EEG\_FREQ\_PWR\_SPEC\_CRTX\_PEAK | MDC | 1.17.4.153988 | MDC\_DIM\_HZ |
|  | |
|  | TP4, Channel 4 |  | |  | 154040 | MDC\_EEG\_PWR\_SPEC\_TOT | MDC | 1.17.4.154040 | MDC\_DIM\_DECIBEL |
|  |
|  | SR4, Channel 4 |  | |  | 155024 | MDC\_EEG\_PAROX\_CRTX\_BURST\_SUPPRN | MDC | 1.17.4.155024 | MDC\_DIM\_PERCENT |
|  |
|  | EMG4, Channel 4 | |  |  | 153916 | MDC\_EMG\_ELEC\_POTL\_MUSCL | MDC | 1.17.4.153916 | MDC\_DIM\_DECIBEL |
|  | |
|  | Delta4, Channel 4 | |  |  | 154076 | MDC\_EEG\_PWR\_SPEC\_DELTA\_REL | MDC | 1.17.4.154076 | MDC\_DIM\_PERCENT |
|  | |
|  | Theta4, Channel 4 | | |  | 154080 | MDC\_EEG\_PWR\_SPEC\_THETA\_REL | MDC | 1.17.4.154080 | MDC\_DIM\_PERCENT |
|  | | |
|  | Alpha4, Channel 4 | | |  | 154068 | MDC\_EEG\_PWR\_SPEC\_ALPHA\_REL | MDC | 1.17.4.154068 | MDC\_DIM\_PERCENT |
|  | | |
|  | Beta4, Channel 4 | |  |  | 154072 | MDC\_EEG\_PWR\_SPEC\_BETA\_REL | MDC | 1.17.4.154072 | MDC\_DIM\_PERCENT |
|  | |

Table 34 PPV Type Field Codes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Observation Type** | **OBX-2** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
| PPV | NM | 153 | MNDRY\_PRESS\_PULSE\_VARIATION | 99MNDRY | 1.18.1.153 | MDC\_DIM\_PERCENT |

Table 35 Regional Oxymetry Type Field Codes

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observation Typ** | | | | | **e** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** | **OBX-20.2** |
|  | rSO2 1 |  | | |  | 116 | MNDRY\_SAT\_O2\_REG | 99MNDRY | 1.24.1.116 | MDC\_DIM\_PERCENT | *User defined label* |
|  |
|  | rSO2 Baseline 1 | | |  |  | 117 | MNDRY\_SAT\_O2\_REG\_BASE | 99MNDRY | 1.24.1.117 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | |
|  | rSO2 AUC 1 | |  | |  | 118 | MNDRY\_SAT\_O2\_REG\_AUC | 99MNDRY | 1.24.1.118 | MNDRY\_DIM\_MIN\_PERCENT | *User defined label* |
|  | |
|  | rSO2 Change % 1 | | | |  | 336 | MNDRY\_SAT\_O2\_REG\_CNG | 99MNDRY | 1.24.1.336 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | | |
|  | rSO2 AVG 1 | |  | |  | 337 | MNDRY\_SAT\_O2\_REG\_AVG | 99MNDRY | 1.24.1.337 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 SSI 1 | |  | |  | 338 | MNDRY\_SAT\_O2\_REG\_SSI | 99MNDRY | 1.24.1.338 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 2 |  | | |  | 116 | MNDRY\_SAT\_O2\_REG | 99MNDRY | 1.24.2.116 | MDC\_DIM\_PERCENT | *User defined label* |
|  |
|  | rSO2 Baseline 2 | | |  |  | 117 | MNDRY\_SAT\_O2\_REG\_BASE | 99MNDRY | 1.24.2.117 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | |
|  | rSO2 AUC 2 | |  | |  | 118 | MNDRY\_SAT\_O2\_REG\_AUC | 99MNDRY | 1.24.2.118 | MNDRY\_DIM\_MIN\_PERCENT | *User defined label* |
|  | |
|  | rSO2 Change % 2 | | | |  | 336 | MNDRY\_SAT\_O2\_REG\_CNG | 99MNDRY | 1.24.2.336 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | | |
|  | rSO2 AVG 2 | |  | |  | 337 | MNDRY\_SAT\_O2\_REG\_AVG | 99MNDRY | 1.24.2.337 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 SSI 2 | |  | |  | 338 | MNDRY\_SAT\_O2\_REG\_SSI | 99MNDRY | 1.24.2.338 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 3 |  | | |  | 116 | MNDRY\_SAT\_O2\_REG | 99MNDRY | 1.24.3.116 | MDC\_DIM\_PERCENT | *User defined label* |
|  |
|  | rSO2 Baseline 3 | | |  |  | 117 | MNDRY\_SAT\_O2\_REG\_BASE | 99MNDRY | 1.24.3.117 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | |
| **Observation Typ** | | | | | **e** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** | **OBX-20.2** |
|  | rSO2 AUC 3 | |  | |  | 118 | MNDRY\_SAT\_O2\_REG\_AUC | 99MNDRY | 1.24.3.118 | MNDRY\_DIM\_MIN\_PERCENT | *User defined label* |
|  | |
|  | rSO2 Change % 3 | | | |  | 336 | MNDRY\_SAT\_O2\_REG\_CNG | 99MNDRY | 1.24.3.336 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | | |
|  | rSO2 AVG 3 | |  | |  | 337 | MNDRY\_SAT\_O2\_REG\_AVG | 99MNDRY | 1.24.3.337 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 SSI 3 | |  | |  | 338 | MNDRY\_SAT\_O2\_REG\_SSI | 99MNDRY | 1.24.3.338 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 4 |  | | |  | 116 | MNDRY\_SAT\_O2\_REG | 99MNDRY | 1.24.4.116 | MDC\_DIM\_PERCENT | *User defined label* |
|  |
|  | rSO2 Baseline 4 | | | |  | 117 | MNDRY\_SAT\_O2\_REG\_BASE | 99MNDRY | 1.24.4.117 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | | |
|  | rSO2 AUC 4 | |  | |  | 118 | MNDRY\_SAT\_O2\_REG\_AUC | 99MNDRY | 1.24.4.118 | MNDRY\_DIM\_MIN\_PERCENT | *User defined label* |
|  | |
|  | rSO2 Change % 4 | | | |  | 336 | MNDRY\_SAT\_O2\_REG\_CNG | 99MNDRY | 1.24.4.336 | MDC\_DIM\_PERCENT | *User defined label* |
|  | | | |
|  | rSO2 AVG 4 | |  | |  | 337 | MNDRY\_SAT\_O2\_REG\_AVG | 99MNDRY | 1.24.4.337 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |
|  | rSO2 SSI 4 | |  | |  | 338 | MNDRY\_SAT\_O2\_REG\_SSI | 99MNDRY | 1.24.4.338 | MDC\_DIM\_PERCENT | *User defined label* |
|  | |

Table 36 VCO2 Type Field Codes

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Observati** | | | | **on Type** | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | EE |  | |  | 152812 | MDC\_RESP\_EXPENDED\_ENERGY | MDC | 1.32.1.152812 | MDC\_DIM\_KILO\_CAL\_PER\_DAY |
|  |
|  | MVALV |  | |  | 153240 | MDC\_VENT\_VOL\_MINUTE\_LUNG\_ALV | MDC | 1.32.1.153240 | MDC\_DIM\_L\_PER\_MIN |
|  |
|  | MVCO2 | | |  | 151776 | MDC\_FLOW\_CO2\_PROD\_RESP | MDC | 1.32.1.151776 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  | | |
|  | MVO2 |  | |  | 152420 | MDC\_FLOW\_O2\_CONSUMP | MDC | 1.32.1.152420 | MDC\_DIM\_MILLI\_L\_PER\_MIN |
|  |
|  | RQ |  | |  | 151828 | MDC\_QUO\_RESP | MDC | 1.32.1.151828 | MDC\_DIM\_DIMLESS |
|  |
|  | SLOPECO2 | | |  | 153320 | MDC\_CONC\_AWAY\_CO2\_EXP\_PLATEAU\_  ALV\_SLOPE | MDC | 1.32.1.153320 | MDC\_DIM\_VOL\_PERCENT\_PER\_L |
|  | | |
|  | VCO2 |  | |  | 382 | MNDRY\_VOL\_CO2\_PROD\_RESP\_BREATH | 99MNDRY | 1.32.1.382 | MDC\_DIM\_MILLI\_L |
|  |
|  | VDALV |  | |  | 383 | MNDRY\_VOL\_ALV\_DEADSP | 99MNDRY | 1.32.1.383 | MDC\_DIM\_MILLI\_L |
|  |
|  | VDALV\_VT | | |  | 384 | MNDRY\_RATIO\_ALV\_DEADSP\_TIDAL | 99MNDRY | 1.32.1.384 | MDC\_DIM\_PERCENT |
|  | | |
| **Observati** | | | **on Type** | | **OBX-3.1** | **OBX-3.2** | **OBX-3.3** | **OBX-4** | **OBX-6.2** |
|  | VDAW | |  | | 385 | MNDRY\_VOL\_ANATOM\_DEADSP | 99MNDRY | 1.32.1.385 | MDC\_DIM\_MILLI\_L |
|  | |
|  | VDAW\_VT | |  |  | 386 | MNDRY\_RATIO\_ANATOM\_DEADSP\_TIDAL | 99MNDRY | 1.32.1.386 | MDC\_DIM\_PERCENT |
|  | |  |
|  | VDPHY | |  | | 387 | MNDRY\_VOL\_PHYSIO\_DEADSP | 99MNDRY | 1.32.1.387 | MDC\_DIM\_MILLI\_L |
|  | |
|  | VD\_VT | |  | | 388 | MNDRY\_RATIO\_PHYSIO\_DEADSP\_TIDAL | 99MNDRY | 1.32.1.388 | MDC\_DIM\_PERCENT |
|  | |
|  | VO2 | |  | | 389 | MNDRY\_VOL\_O2\_CONSUMP\_BREATH | 99MNDRY | 1.32.1.389 | MDC\_DIM\_MILLI\_L |
|  | |
|  | VTALV | |  | | 390 | MNDRY\_VOL\_ALV\_TIDAL | 99MNDRY | 1.32.1.390 | MDC\_DIM\_MILLI\_L |
|  | |
|  | FECO2 | |  | | 391 | MNDRY\_CONC\_AWAY\_MIXED\_CO2\_EXP | 99MNDRY | 1.32.1.391 | MDC\_DIM\_PERCENT |
|  | |