IHE Change Proposal

Tracking information:

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| IHE Domain | Patient Care Device (PCD) |
| Change Proposal ID: | CP-PCD-157 |
| Change Proposal Status: | Submitted |
| Date of last update: | 22-Oct-2021 |
| Person assigned: | John Rhoads |

Change Proposal Summary information:

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| DEC OBX-17 additional MeasureMode Table | |
| Submitter’s Name(s) and e-mail address(es): | Peter Kranich, peter.kranich@philips.com |
| Submission Date: | 22-Oct-2021 |
| Integration Profile(s) affected: | Device to Enterprise Communications (DEC) |
| Actor(s) affected: | Device Observation Reporter (DOR) and Device Observation Consumer (DOC) |
| IHE Technical Framework or Supplement modified: | IHE Patient Care Device (PCD) TF revistion 9.0, dated Dec. 12, 2019 |
| Volume(s) and Section(s) affected: | IHE PCD TF Vol 2, section B.8 OBX - Observation/Result segment, subsection OBX-17 Observation Method |
| Rationale for Change:  Currently, the additional information about a measurement in OBX-17 “Observation Method” are limited to the metric category as specified in table B.8.6-2: MetricCategory Codes.  This Change Proposal (CP) proposes to add an additional table with codes for the measure mode at the end of section OBX-17 Observation Method. The codes are uniquely distinguishable from the metric categories, and therefore, they do not conflict with the metric category codes.  The change is required to support the clinical investigation with an auscultatory reference sphygmomanometer / with reference invasive blood pressure monitoring equipment as described in the ISO 81060-2 “Non-invasive sphygmomanometers — Part 2: Clinical investigation of intermittent automated measurement type”. | |

Add the following content at the end of section OBX-17 Observation Method, after line 3167 on page 135:

The observation may provide additional information about the measure mode:

Table B.8.6-4: MeasureMode Codes

| MeasureMode | OBX-17 |
| --- | --- |
| mode-auscultatory-ref, mode-invasive-ref | AUSRFS^mode-auscultatory-ref^MDC, INVRFS^mode-invasive-ref^MDC |

The MeasureMode “mode-auscultatory-ref” and “mode-invasive-ref” indicates the reference measurement method / equipment used in clinical investigations for this observation. An example is the Non-invasive Blood Pressure (NBP) measurement.  
When none of the reference modes are specified in the OBX-17, the reference measurement method / equipment is either unknown, does not apply for this observation, or the measurement is not involved in a clinical investigation.