Clinical Scenario #2: Operating Room to Intensive Care Unit

Part 2: Workflow Diagrams

Working Draft Version 3.1

Quantum Medical Device Interoperability (QMDI) Project

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Current versions of this and related documents can be found at http://mdpnp.org

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Clinical Workflow

Key for Workflows:

- Diagram Boxes in Green signal a Manual Clinical Process (i.e. a nurse hangs an IV bag)
- Diagram Boxes in Red signal that a Comparison between two data points is required (compare dose on pump with dose in Order)
- A \( \infty \) at the bottom of a workflow block signals that there is an additional page of workflow.
Workflow Diagrams

OR to ICU Workflows - (Analysis diagram)

Figure: 1
X-ray Procedure - (BPMN 1.1 diagram)

To Be Added

*Figure:* 2
X-ray Vent Procedure - (BPMN 1.1 diagram)
Retrieve Patient History - *(BPMN 1.1 diagram)*

**Figure: 4**
Hand-off Communications - (BPMN 1.1 diagram)

Figure: 5
**Patient in Transport - (BPMN 1.1 diagram)**

![BPMN Patient in Transport Diagram]

*Figure: 6*

**Post Patient ICU Set-up - (BPMN 1.1 diagram)**

![BPMN Post Patient ICU Set-up Diagram]

*Figure: 7*
Pre-Patient ICU Set up - *(BPMN 1.1 diagram)*

![BPMN Pre-Patient ICU Set up Diagram](image-url)
Collect ABG - (BPMN 1.1 diagram)
Identify IV Lines - (BPMN 1.1 diagram)
Figure: 11

**Identify Disposables** - *(BPMN 1.1 diagram)*
ICU Infusion Request - (BPMN 1.1 diagram)
Device Request - (BPMN 1.1 diagram)
Figure: 14
Pre-Patient ICU Set up - *(BPMN 1.1 diagram)*

![BPMN Pre-Patient ICU Set up diagram](image)

*Figure: 15*

Transfer Monitor Settings - *(Data Flow diagram)*

![dfd Transfer Monitor Settings](image)

To Be Added

*Figure: 16*
Transfer Other Device Settings - *(Data Flow diagram)*

To Be Added

*Figure: 17*

Transfer Pump Settings - *(BPMN 1.1 diagram)*

To Be Added

*Figure: 18*
Transfer Ventilator Settings - *(BPMN 1.1 diagram)*

To Be Added

*Figure: 19*