**Page ID**:**#.# Workflow Modeling Tutorial**

**Primary Content**

**Title**

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**Workflow Modeling Tutorial**

**Intro**

Enter the **intro** here (REQUIRED).

Through the resources in this tutorial, you will learn to:

* Use Business Process Modeling (BPM) to build, read, and interpret clinical workflow and information flow models.
* Conduct and document interviews and focus groups to elicit clinical knowledge.
* Produce basic and advanced models using tools such as Microsoft Office and Visio.
* Analyze models to determine benefits of procedural and technology changes, and to uncover constraints to system efficiency and work arounds.

**Tutorial Index**

Enter the **index text and links**  here. If there are no details, insert N/A or TBD.

**Lesson 1: Introduction and Foundations of Clinical Workflow Modeling** 

Explore different modeling methods and concepts and learn about common modeling tools and notation.

* Introduction and Foundations of Clinical Workflow Modeling (11:21)

**Lesson 2: Notation Styles and Standards** 

Learn various modeling notations and how to differentiate between them, including when and how to use each.

* Handout: Compare and Contrast Modeling Notations 

**Lesson 3: Basic models in CMMN, DMN, UML** 

Learn three more model notation standards and better understand their applications.

**Lesson 4: Microsoft Office “Buttonology”** 

Learn to produce simple models in Microsoft PowerPoint and Visio.

* Handout: BPMN Legend (Shapes and stencils) 

**Lesson 5: Eliciting Knowledge for the Creation of Workflow Models** 

Learn the definitions and foundational concepts of methods for eliciting knowledge on clinical workflows, such as observations, interviews, focus groups, walkthroughs/tabletops, and simulations.

* Eliciting Data from Users  (10:12)

**Lesson 6: Drafting, Validating, and Analyzing Workflow Models** 

Learn about Business Process Modeling based on an emergency room scenario and create workflow models describing the clinical encounter. Learn to validate the accuracy of the model and perform analyses to improve the encounter process.

* Handout: Encounter Vignette for a Walk-In Patient 
* Handout: Emergency Model 
* Handout: BPMN Simplified Emergency Model 
* Drafting a Model  (4:59)
* Validating a Model  (5:05)
* Analyzing a Model  (7:50)

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**Document Properties**

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| **Categories** | [CATEGORIES USAGE (AND ACTUAL CATEGORIES) TBD] |
| **Excerpt** | Learn workflow modeling skills through these slides, videos, and other resources. |
| **Tags** | [TAGS USAGE (AND ACTUAL TAGS) TBD] |