

## Simulation Scenario

**Simulation Case Title:** Managing **MED MATH** Madness!....Methodically

**Patient Name:** N/A

**Patient Age:** Multiple Age Scenarios

**Chief Complaint:** Every Kind Under The Sun

Brief narrative description of case <i>Include the presenting patient chief complaint and overall learner goals for this case</i>	Basic and Advanced medication calculations, indications, mechanism of action and use. Sim Lab will be split into two stations based upon certification/licensure level and learners will receive instruction based on their individual scope of care and practice.
3 Main Learning Objectives <i>What should the learner gain in terms of knowledge and skill from this case?</i>	-Familiarize with common medication concentrations. -Learn tips and tricks to simplify calculations, weight-based dosing, dilution, mixology and 3am shortcuts to remove stress and reduce likelihood of med errors. -Master the skill of quick-fire med dosing and gain confidence for high-stress situations.
Critical Actions <i>List which steps the participants should take to successfully manage the simulated patient. These should be listed as concrete actions that are distinct from the overall learning objectives of the case</i>	<ul style="list-style-type: none"> <li>• Describe common concentrations</li> <li>• Demonstrate use of basic med math calculations</li> <li>• Demonstrate use of dilution for safe and effective medication administration</li> <li>• Demonstrate use of strategies for appropriate time-based med administration</li> <li>• Demonstrate appropriate dosing based upon National guidelines as well as local protocols.</li> </ul>
Learner Preparation <i>What information should the learners be given prior to initiation of the case</i>	<ul style="list-style-type: none"> <li>• Before initiation, case the learners will have an opportunity to review training drug boxes, medications and accessories.</li> </ul>

### Initial Presentation

<b>Initial vital signs</b>	HR      B/P      RR      O2sat      Temp      Weight
	N/A
Overall appearance <i>What do learners see when they first enter the room?</i>	Drug boxes and delivery equipment
HPI <i>Specify what info here and below must be asked vs what is volunteered by patient or caregiver</i>	Multiple (very) short scenarios to engage learner in medication discussion.
Past Medical/Surgical History	Family History: N/A

