

A beginners' guide to neonatal simulation - training a workforce for the future

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Learning Objectives:

1. To utilise the construction of neonatal simulation scenarios to improve patient safety.
2. To discuss the manipulation of equipment and moulage to enhance the learning experience.
3. To discuss the importance of debriefing / reflection in simulation.
4. To develop a beginner's "Starter Pack" to encourage neonatal simulation training.

Background:

Corniche Hospital, largest high-risk maternity facility within UAE offering Level III intensive care to extreme premature neonates. Within an established education department in a purpose built simulation centre, the collaboration of multidisciplinary team (MDT) neonatal simulation training has improved patient safety, through a reduction in medical errors, cohesive MDT communication and partnership. Simulation training is monumental to the development of a patient safety culture.

Purpose:

To increase awareness of how neonatal simulation can improve confidence & clinical outcomes.

Workshop format:

1-hour workshop session with 40 delegates. The workshop will simultaneously run 3 stations, allowing delegates to rotate between stations every 15 minutes. All stations will be interactive & hands-on.

Station 1: A guide to the construction of Simulated Learning Experiences (SLE) scenarios. By sharing expertise, delegates will be guided on how to construct SLE, through focused discussion groups.

Station 2: A guide to moulage usage and equipment manipulation. Delegates will be shown how to manipulate resources to enhance the learning experience.

Station 3: A guide to debriefing /reflection on SLE. Delegates will watch a short SLE DVD and be guided on how to construct an effective debrief and identify the benefits that debriefing has on the learning experience.

The workshop will conclude with a 10-minute presentation, summarising key take home messages. Delegates will receive a "Starter's Pack" to assist the development of neonatal simulation programmes.

Take home messages:

Simulation training is vital in building a safer healthcare system.

References:

Fawke, J. Cusack, J (2011) Infant 7(1) 9-12.