

Information for facilitators

This teaching session is designed to be delivered by the roadside to a small group. It generally runs for 20 minutes followed by a debrief of approximately 20-25 minutes (40-45 mins total).

Aim

The aim for this session is to manage a newborn and appreciate the changes in the NLS algorithm.

What you will need

There are THREE components to this session:

Page 2 contains **background information** that can be read to the group and an expected sim progression.

Page 3 contains **details of the scenario** with expected progression for the sim technician.

Page 4 contains the **checklist for facilitators** to fill out during the scenario and a list of equipment required.

Introduction

“You are responding to a Category 1 call of a newborn (38 weeks gestation) who is not breathing.

You are currently 2 minutes from scene.”

Expected Progression

- Assessment and management of a newborn.
- Expertly manage the NLS algorithm.
- Consider the psychological management of the mother.

Case title	Newborn life support			Sim no.	PRU 21
Setting	Inside	Patient age	0	Patient sex	M
Diagnosis	Respiratory distress in a newborn			Curriculum code	
Injuries	<ul style="list-style-type: none"> Born apnoeic Precipitate delivery Not responding to basic interventions 				
Staff required	1 x PRU Paramedic, 1 x PRU Doctor, Mother				
Learning objectives	1. Management of NLS				

INITIAL SETUP

Observations				Arrival route	N/A
HR	50	GCS	E 1 V 1 M 1 = 3/15	Carers?	Mother
RR	Apnoeic			Pupils	(L) 5mm (R) 5mm
SpO2	50%	Temp	36.6°C		
BP	UTR		Weight	Estimated at 3.5 kg	
CRT	Pale				
Glucose	6.3				
Equipment on arrival	Standard response bags	Additional info	Newborn mannequin.		

DOMAIN	TASK	TIME	DONE
Preparation	Role allocations		
	Disposition discussions		
Initial Actions	Scene safety		
	Information gathering		
	Introductions to individuals on scene		
	Early update to control and further resources		
Assessment	Initial assessment (RR, HR, tone)		
	Recognise need for assessment of mother		
Interventions	Airway management		
	Avoid O2		
	Use of adjuncts and 2 person once initial approach fails		
	Monitoring (SATS/ECG) applied		
	Keep warm		
	Chest compressions (3:1) until HR >60		
Decision-Making	Engagement with parent		
	Destination decision		