

Overview prepn

Slide 1:

In this webinar we shall learn how to prepare for preterm resuscitation in the delivery room

Slide 2:

- Preterm babies need extra preparation for resuscitation
- All preterm deliveries must be attended by atleast 2 persons. Additional skilled people may be required if the resuscitation is prolonged or if there is twin delivery
- In addition to regular resuscitation equipments preterms need following specific equipments
 - a) For thermal care, room temp should be kept at 25-28 C and in addition a plastic wrap be kept ready for very preterm babies
 - b) Suction catheters of size 8-10 F Gauge is required to suction when indicated,
 - c) To support breathing, Preterm self inflating bag (180-250 ml), preterm face mask, oxygen blender, T piece resuscitator, pulseoximeter is necessary
 - d) A laryngoscope with size 0 and 00 blade with ET size of 2.5 should be immediately available.

A equipment checklist in the delivery room helps to ensure all equipments are present and in working condition.

Slide 3

- Thermal support is an essential component for preterm care in delivery room.
- Hypothermia is common and is a know predictor of poor outcomes in preterm babies.
- All efforts must be made before and during resuscitation to ensure normothermia.
- Prior to arrival of the baby, the room should be warm, the warmer turned on with clean dry sheets kept under the warmer to ensure a warm welcome.
- All preterm babies needing resuscitation are kept under warmer in servo mode with a set temp of 36.5 C
- For very preterm babies, immediately after birth before drying a plastic wrap is applied.
- The target is to maintain temp between 36.5-37.5 C

Slide 4

- Preparation also includes preparation of parents to meet the challanges of preterm care.
- This starts prior to arrival of the baby.
- Parents need to be told about anticipated problems and the treatment options available in simple clear language
- The information should be based on unit practices and outcome and should be realistic about chances of survival.
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