



DR. PABLO O. TORRE
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Document Code:	DPOTMH-I-29-P01-WI02
Effective Date:	10-30-2021
Document Type:	Work Instruction
Page Number:	1 of 3
Department/Section:	Neonatal Intensive Care Unit
Document Title:	ASSISTING IN ADMINISTRATION OF PULMONARY SURFACTANT

KEY TASKS	PERSON RESPONSIBLE
1. Performs assessment to determine the need for administration of pulmonary surfactant.	Attending Physician
2. Secures an informed consent from the parent or relatives of the neonate.	Staff Nurse
3. Performs hand washing and then prepares the equipment and supplies needed for the procedure.	Staff Nurse
4. Warms the Pulmonary surfactant to room temperature for not more than 30 minutes before use.	Staff Nurse
5. Positions the neonate flat on bed, securing both arms with clean linen.	Staff Nurse
6. Removes the plastic cap from the surfactant vial, and clean the rubber cap with alcohol swab.	Staff Nurse
7. Fills the sterile syringe with the amount of pulmonary surfactant indicated for the neonate.	Attending Physician
8. Attaches the syringe to the feeding tube, and delivers the surfactant through the feeding tube into the ETT, with its tip located at the mid trachea level.	Staff Nurse
9. Disconnects the infant's ETT from the ventilator after 5 seconds, and bagged by the nurse or physician at about 60 inflations per minute with the required pressure to facilitate equal delivery of the surfactant into the neonate's airways.	Staff Nurse



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10. Monitors and documents vital signs, and ventilator settings throughout the procedure for 12 hours.	Staff Nurse
11. Avoids suctioning the endotracheal tube for 12 hours after surfactant administration unless significant airway obstruction occurs.	Staff Nurse



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