






Oxygen therapy

SOP – Please refer to the full procedure for rational and additional information on each step

Pre-procedure	
	1. Perform hand hygiene
	2. Confirm the patient's identity
	3. Perform a respiratory assessment, determine the patient's oxygen needs and determine best method of oxygen delivery e.g. facemask, nasal cannulas or humidified oxygenation
	4. Explain to the patient or caregiver in his/her preferred language what is oxygen therapy, why they require it and the benefits and risks of receiving it. Allow the patient/caregiver to ask question and obtain verbal consent
	5. Perform hand hygiene
	6. Clean/disinfect tray/trolley and pulse oximeter (with probe) and allow to dry
	7. Verify that an oxygen therapy prescription has been written with oxygen saturation targets However, in emergency clinical situations, the healthcare provider can and should commence oxygen therapy without a prescription.
	8. Gather remaining equipment on dry tray/trolley: <ol style="list-style-type: none"> Oxygen source with flow meter Nasal cannula or oxygen mask Oxygen extension tubing (if needed) Pulse oximeter and probe Oxygen flow splitter (if needed) Alcohol-based hand rub
Procedure	
	9. Verify that the oxygen flow meter is attached to the oxygen source
	10. Attach oxygen tubing to the oxygen outlet connector
	11. Set oxygen flow meter to required rate (L/min) and verify it's functionality
	12. Perform hand hygiene
	13. If suctioning required, put on non-sterile gloves and perform suctioning
	14. Apply a nasal cannula <u>OR</u> an oxygen mask and secure
	15. Monitor the patient's oxygen saturation with pulse oximeter and re-assess clinical signs
	16. Check that the patient is comfortable and allow patient the opportunity to ask questions regarding treatment
Post-procedure	
	17. Clean/disinfect tray/trolley and pulse oximeter and probe
	18. Perform hand hygiene. If suctioning performed, remove non-sterile gloves, discard and perform hand hygiene
	19. Document in the patient's file that oxygen therapy has started, the time and the flow rate along with clinical status
	20. Continuously follow-up the patient at regular intervals on a designated vital sign sheet