

**HACKETTSTOWN REGIONAL MEDICAL CENTER
 CENTER FOR SLEEP RELATED DISORDERS
 SUPPLEMENTAL OXYGEN ADMINISTRATION**

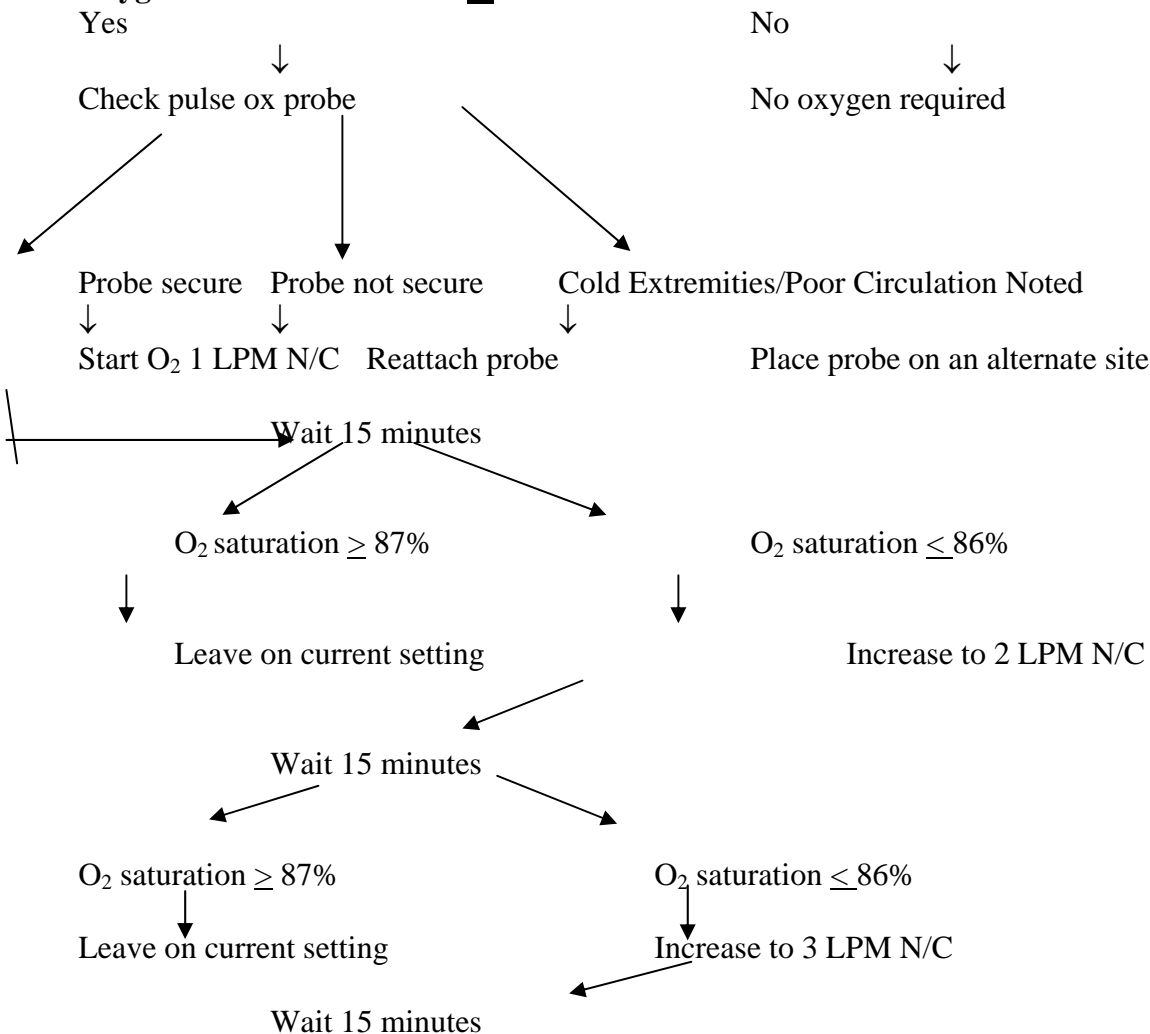
Effective Date: June, 2010
Cross Referenced:
Reviewed Date: 04/12
Revised Date:

Policy No: 7.023
Origin: Center for Sleep Disorders
Authority: Cardio/Pulmonary Manager
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PURPOSE: Explicit criteria for the application of nasal oxygen and procedures for titration of oxygen during sleep recordings under physician orders, assures appropriate and safe intervention.

POLICY: Nasal oxygen maybe administered during the night by nasal cannula if the patient exhibits certain conditions.

PROCEDURE: Supplemental oxygen is only to be added if there are **no** apneas or hypopneas present.
Oxygen Saturation Baseline $\leq 85\%$ for > 30 minutes:



If oxygen saturation remains $< 88\%$ follow this process till 3 LPM N/C is reached. If O_2 saturation remains $< 88\%$ after 15 minutes on 3 LPM, contact the patient's sleep physician or referring physician for further instructions.

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1. Oxygen outlet quick connect units are located in the walls of each sleep testing room. Each room has been equipped with flow meters. As oxygen is a controlled drug, only licensed practitioners may administer oxygen to a client, or non-licensed personnel must be under the direct supervision of a licensed practitioner. Cannulas, extension tubing, and connectors are stored in the clean utility room.
2. The oxygen cannula or extension tubing is directly attached to the Christmas tree adapter on the oxygen flow meter. If the patient is using a CPAP mask, the tubing is attached to one of the available ports located directly on the mask.
3. Oxygen flow meters are pressure compensated. To appropriately set the flow one must dial the adjustment knob counter-clockwise until the line corresponding to the desired flow rate splits the indicator ball in half. Clockwise rotation of the adjustment knob will decrease flow.
4. The use and amount of supplemental oxygen is indicated by the technologist/technician on the "Study Log" as well as in the Bilevel entries section.