

ACTIVE LEARNING TEMPLATE: *Therapeutic Procedure*

STUDENT NAME _____

PROCEDURE NAME Oxygen Therapy

REVIEW MODULE CHAPTER _____

Description of Procedure

Treatment option that delivers oxygen gas for the patient to breath. Use of oxygen as a medical treatment.

Indications

Low blood oxygen e.g in severe COPD or cystic fibrosis
Carbon monoxide toxicity
Cluster headaches
To maintain enough oxygen saturation while inhaled anesthetics are given

Outcomes/Evaluation

Attainment of sufficient blood oxygen saturation levels compatible with life

Potential Complications

Drying of the nose
Oxygen toxicity characterized by lung damage or respiratory failure

CONSIDERATIONS

Nursing Interventions (pre, intra, post)

Pre-test:
Confirm the need for oxygen therapy
Confirm that it is the right patient, right device indicated, correct oxygen saturation, and appropriate level of humidification.
Conduct patient education
Intra-test:
Monitor the rate of delivery and response to treatment
Assess for any signs and symptoms of complication of therapy.
Post-test:
Discard all disposable materials used
Help patient into a comfortable position

Client Education

Instruct on what the therapy is all about, why they are receiving the therapy option, its associated risks and benefits.

Nursing Interventions

Ensure enough/standard humidification of the air administered
Ensure oxygen given is of appropriate saturation to avoid oxygen toxicity
Continuously actively monitor the patient during the therapy for any signs of complication of therapy