Cheatography

Sleep Apnea Cheat Sheet by RoseCher via cheatography.com/87410/cs/20185/

Pathophysiology

Breathing Disruption during sleep the lasts at least 10 seconds and occurs a minimum of five times in an hour.

Most common airway obstruction by soft palate or tongue.

Risk Factors Obesity (Modif-A large Uvula (Noniable) modifiable) Short neck (Non-Smoking (Modifiable) modifiable) enlarged tonsils or oropharyngeal edema adenoids (Both) (Non-Modifiable) Male gender (non-High Blood Pressure modifiable) (Both) Long term effects of chronic OSA includes

increase risk for HTN, Stroke, Cognitive deficits, weight gain, Diabetes, and Pulmonary and Cardiovascular disease

Signs and Symptoms

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Snoring heavily	Transient Apnea
Excessive daytime sleepiness	Morning headache
Insomnia	Restless Sleep (waking up tired)
Nightmares	Memory loss
Performance defici- encies	GERD
Depression	Moody (personality changes)
Nocturia	Impotence
Usually verified by family members who	

observe the problem when the adult sleeps.

Interventions

Positional	Mild sleep apnea can be
Therapy	treated by changing the
	patient's sleeping position.
	Sleeping on one's side, or with
	the head of the bed elevated
	can help to reduce or eliminate
	episodes of apnea.

By RoseCher

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Oral Appliance	Use of an oral appliance, such as a mouth guard, may help to prevent obstruction of the patient's airway by shifting the jaw and tongue forward.
Continuous Positive Airway Pressure (CPAP)	CPAP therapy is used in patients w/ severe OSA who experience 15 or more episodes of apnea in one hour. CPAP provides positive pressure upon both inspir- ation and expiration, to maintain an open airway. An Alternative intervention called believe positive airway pressure (BiPAP) can also be used to treat OSA. This type of therapy may be better tolerated by patients due to higher inspiratory pressure, and lower mean presets during expiration.

Interventions (cont)

Surgery	Surgey may be indicated to treat
	OSA if the other non-surgical
	interventions are ineffective. A
	uvulopalatopharyngoplasty
	(UPPP) can be preformed to
	remove tissues in the throat,
	such as tonsils, uvula, and soft
	palate, that are causing airway
	obstruction.

Patients should be educated about what to expect after surgery, including sore throat, halitosis (bad breath), and snoring.

Assessment : Nursing

The most accurate test for Sleep Apnea is an overnight sleep study. The patient is directly observed while wearing a variety of monitoring equipment to evaluate depth of sleep, type of sleep. respiratory effort, oxygen saturation, and muscle movement.Monitoring devices include an electroencephalogram (EEG), and electrocardiograph (ECG), a pulse oximeter, and electromyograph (EMG).

Patient are often unaware that they suffer from sleep apnea. A beginning assessment includes having the patient complete the STOP-Bang Sleep Apnea Questionnaire

Pharmalogical TX

One drug that has been approved to help manage the daytime sleepiness associated with OSA (modafinil [Attence, Provigil]) and may help patients who suffer from narcolepsy (uncontrolled daytime sleep) by promoting daytime wakefulness. This drug does not treat the cause of OSA. Sleep-Inducing sedatives also are not considered first-line therapy.

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