

Obstructive Sleep Apnea (OSA) flowchart



ition	sleep-related breathing disorder that i				nairfl		
Definition	effort to breathe. This leads to partial reductions (hypopneas) or complete pauses (apneas) in breathing that last at least 10 seconds during sleep						
Risk Factors	•BMI> 30 kg/m²•Middle-aged and older men•Down Syndrome•post-menopausal women•Acromegaly•Family member with OSA•Hypothyroidism•Abnormal nasal morphology•Smokers•Crani ofacial abnormalities		 Neck sizes ≥ 17 inches (men) ≥16 inches (women) Ethnic groups e.g Asian, African American, Native American, and Hispanic Retrognathic mandible (smalllower jaw) Children with large tonsils and adenoids 				
High Risk Individuals	 Obesity (BMI > 35) Congestive heart failure Atrial fibrillation Resistant hypertension Type 2 diabetes Individuals with Retrognathic Maxilla & Mandible 		 Nocturnal dysrhythmias Stroke Pulmonary hypertension High-risk driving populations Preoperative for bariatric surgery 				
Clinical presentation	 Snoring Morning headaches Drowsiness Sleep fragmentation Witnessed apneas Awakenings (with gasping the structure of the st			cidents ion and female sexual dysfunction nroat on awakening ing sleep and in the early morning upon awakening			
Physical examination	 Neck sizes ≥ 17 inches (men) ≥16 inches (women BMI> 30 kg/m2, Modified Mallampati score of 3 or 4 Craniofacial abnormalities; retrognathia, micrognathia, lateral peritonsillar narrowing, macroglossia, tonsillar hypertrophy, elongated/enlarged uvula, high arched/narrow hard palate Nasal abnormalities (polyps, deviation, valve abnormalities, turbinate hypertrophy) and/or overjet Signs of complications : right sided heart failure, pulmonary hypertension Resistant hypertension 						
	How likely are you to doze off or fall asler your usual way of life in recent times.				o feeling just tired? This refers to		
Epworth Sleepiness Scale (ESS)	No chanceSlight chSitting and readingWatching TVSitting, inactive, in a public placeAs a passenger in a car for an hour wiLying down to rest when circumstanceSitting and talking to someoneSitting quietly after a meal without all	No chanceSlight chanceSitting and readingWatching TVSitting, inactive, in a public placeAs a passenger in a car for an hour without stopping foLying down to rest when circumstances permitSitting and talking to someoneSitting quietly after a meal without alcohol		1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	3 3 3 3 3 3 3 3 3	High chance A score ≥10 raises concern Total Score=	
The Mallampati Score							



Class I: Complete visualization of the soft Palate



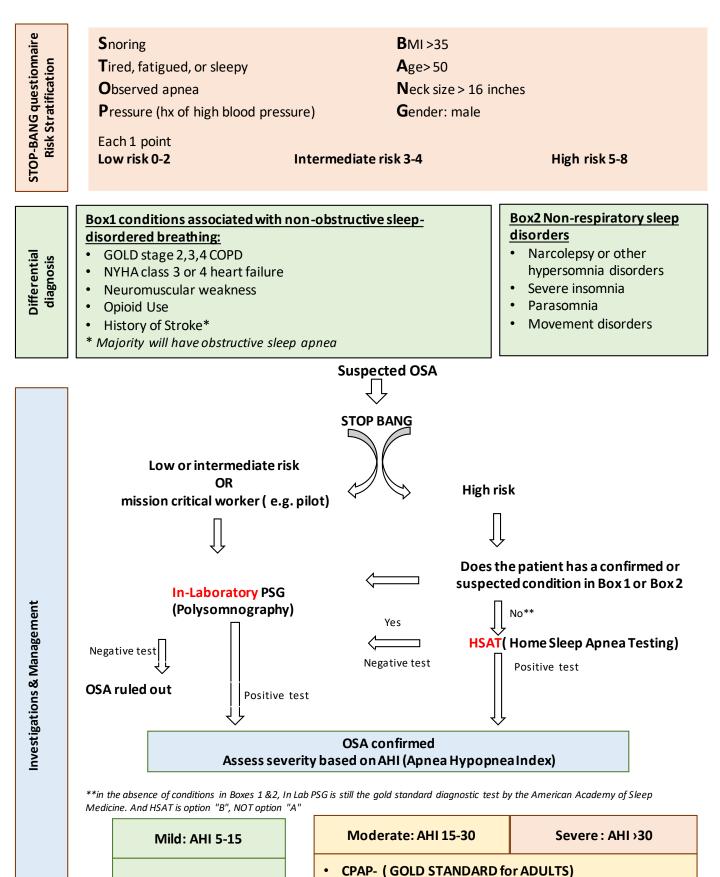
Class II: Complete visualization of the Uvula

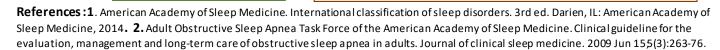


Class III: visualization of only the base of the Uvula



Class IV: Soft Palate is not visible at all





cases only)

Oral appliances

•Weight loss 5-10%

or co-morbidity

Oral appliances

•CPAP if symptomatic

Adenotonsillectomy (GOLD STANDARD for PEDIATRICS)

Advancement, hypoglossal nerve stimulation therapy,

uvulopalatopharyngoplasty (UPPP) in highly selected

Surgical interventions, Maxillo-mandibular