Question / Answer		1	2	3	entilatio	5	6	7	8	9	10	11	12	13	14	15	Total	Rank
Clinical Findings Concerning	for Hypoventilation															_		
Morning headaches		1	1		1	1	1	1	1	1	1	1		1	1	1	86.7	
Daytime somnolence		1				1	1		1		1				1		40.0	
Increased fatigue		1		1		1	1	1		1	1	1		1		1	66.7	
Recurrent respiratory infections Pooling of secretions			1	1	1	1	1		1	1			1	1			60.0	
Increased GERD Sx																	6.7	
Weak cough																	6.7	
Weight loss / FTT				1	1	1			1		- 1						53.3	
Restless sleep / Frequent awak	enings / Poor sleep quality			1				1	1			1	1		1	1	46.7	
Dysphagia	uninga / 1 oor andep quanty			1											- '		6.7	
Need for hospitalization during	an arute illness				1												6.7	-
Diaphragm dysfunction					1												6.7	
Poor aeration							1									1	13.3	
Decline in School performance	/ ADHD					1			1	1					1		26.7	
Witnessed apneas														1	1		13.3	
Davtime tachypnea								1			1			1	- 1		20.0	-
Decreased Cow / Chest Wall d	aformity							1	1		1			1			26.7	-
On steroids and obese over 12	yo							1									6.7	-
Snoring										1					1		13.3	-
Difficulty concentrating											1						6.7	-
Behavioral changes											1					1	13.3	
Late day dyspnea												1					6.7	
TAA with reduced thoracic exc													1	1			13.3	
Flattening or atrophy of upper p													1				6.7	
Low lung volumes by percussio													1				6.7	
Objective Measures																		
FVC < 50%		1			1	1	1		1							1		
FVC < 60%			1		1			1		1	1				1		40.0	
FVC < 30%												1					6.7	
FVC < 80%														1			6.7	
FVC < 15% over 12 months		1								1				1	1	1	33.3	
MIP/MEP < 60			1	_	_		1		1	_				1		1	33.3	
MIP < 40								1			1						13.3	
Awake SpO2 < 95%			1						1	1	1						26.7	
Pulmonary hypertension / cardi	omyopathy		1														6.7	
Significant scoliosis HCO3: > 26			1														6.7	
Decline in FVC, MIP, MEP or 0				1			1	1		1							26.7	
	27			1		1											13.3	
Decline in FVC prone to supine Tachypnea and normal CO2					1		1										13.3	
Decline in FVC upright to supin								1			1	1					13.3	
LVEF < 30	•							1							1		13.3	
TcCO2 > 45 during day								1									26.7	
PvC02 > 50											- 1						6.7	
HC03- > 30																	6.7	
BMI < 3%											1						6.7	
Weak cough														1			6.7	
Criteria for Hypoventilation																	0.7	-
TcCO2 > 50 mmHg for >2% sl	en or 5 min continuously	2	2	5	1	3	4	1	5	2	1	2	1	1	3	1	2.27	-
TcCO2 increase 10 mmHg abo		3		5	2	1	2	3	1	3	3	1	2	2	1	3		-
TcCO2 > 45 mmHg for 25% sl		1		1	3	4		2	1	1	2	3	3	3	2	2		-
TcCO2 > 50 mmHg for 25% sl		5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4.93	-
TcCO2 increase 5 mm Hg NR		4	5	5	4	2	3	4	5	4	4	4	4	4	5	5	4.13	
TcCO2 > 10 mmHg increase fr		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5.00	-
TcCO2 > 40-42 mmHg with tac	hypnea (RR > 25% normal)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5.00	-
Criteria for Hypoxemia																		-
SpO2 < 90% for > 2% sleep		1	2	4	1	1	3	3	4	2	2	1	3	3	3	2	2.33	
SpO2 < 90% for > 5 min contin	uously	2	3	4	2	3	2	2	1	4	3	2	2	1	4	3	2.53	-
Mean SpO2 < 94%		3	1	1	3	2	1	1	1	3	1	3	1	2	2	1	1.73	
Desaturation index ≿ 5/hr		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4.00	
Mean asleep SaO2 <95% and	more than 2-3% below awake	4	4	4	4	4	4	4	4	4	4	4	4	4	1	4	3.80	
4% Desaturation index > 2.0/hr		4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	3.80	
Non-gas exchange paramete		1																
Increased hypopnea, including		1		1	1	1	1	1	1	1		1	1	1	1	1	86.7	
Increased RR in REM relative	o NREM	1		1	1	1	1			1	1		1	1	1	1	73.3	
Tachypnea relative to age		1	1	1	1	1	1			1	1	1	1	1	1		80.0	
Increased Obstructive AHI			1	1													13.3	
Increased Central AHI			1	1													13.3	
Arousal index			1												1		13.3	
Tachycardia			1														6.7	
Paradoxical breathing and incre	ased WOB on video		1		_		_		_	_					1		13.3	
Accessory muscle EMG			1														6.7	
Increased RR in the morning, a	t the end of the night				1	1	1				1		1	1			40.0	
Tachypnea relative to age with Overall number of desaturation	paradoxical breathing							1									6.7	
															1			-
O2 nadir (anything <90% is wo	nsume)		-	-	-	-	-	-	-	-	-	-	-	-	1		6.7	-
Pre-respiratory failure			-		-				-		-	-					53.3	
Apnea/hypopnea index > 5/hr Apnea/hypopnea index > 2/hr		1		1	-	1	1	1	-	1	-	-	1	1			53.3 20.0	
Apnea/hypopnea index > 2/hr Central AHI >5/hr			1	-	-	1	-	-	-	-	-	-	-	-	1		20.0	-
Tachypnea and normal CO2			1		-	-	-		-	1	-	-	-	-			33.3	-
Tachypnea and normal CO2 CO2 > 45 mmHg for 1-24% of	rinht.	1	1	1	-	-	-	1	-	1	-		-	-			33.3 13.3	-
Paradoxical breathing and incre		1		-	1	1			-	1	-	1	1			1	13.3	-
Paradoxical breathing and incre Desaturation index > 5/hr	www.www.anu.normai.gas		1		1	1	1	1		1			1	1		1	60.0	-
	for a with a second second second			-	-	-	-	-	-	-	-	-	-	-			6.7	-
Accessory muscle EMG activa	ium with normal gas exchange		1														6.7 13.3	-
Worsening in REM sleep	·-		-	1	1	-	-	-	-	-	-	-	-	-	1		13.3	-
Decrease in flow and RIP signa Tachypnea >25% above basel	ia	<u> </u>			1	<u> </u>						-	1			1	13.3 40.0	-
			-	-	1	1	1			-	-	1	1	1			40.0	-
Sleep fragmentation, delayed s Frequent limb movement	leep onset, frequent awakenings					1		1	1								20.0	
			-	-	-	1	-	1	-	-	-	-	-	-			6.7	-
Non-apneic hypopnea Tachypnea relative to age																	6.7	-