

Patient Name: _____

Therapy Indication Algorithm

Bronchodilator Therapy	Hyperinflation Therapy	Bronchial Hygiene Therapy
<ul style="list-style-type: none"> • Wheezing/ Bronchospasm • Documented Pulmonary disease • FEV1 <65% predicted • Acute Pulmonary Infection 	<ul style="list-style-type: none"> • Post Op Abdominal or thoracic surgery • Pneumonia Dx • Immobility • Presence or Prevention of Atelectasis 	<ul style="list-style-type: none"> • Ineffective Cough • Retained Secretions • Artificial Airway

Severity Index

	0	1	2	3	4	Points
LOC	Alert Oriented Cooperative	Alert but Uncooperative	Disoriented and Uncooperative	Lethargic, Ch. Neuro	Obtunded	
Ambulatory	Ambulatory W/O Assist	Ambulatory With Assist	Non-Ambulatory	Total Bed Rest	Paraplegia Quadriplegia	
Pulmonary History	No Pulmonary Hx Non-Smoker	Non-smoker >1 yr W/ Smoking Hx	Current Smoker	Hx of Pulm Disease or Pneumonia	Acute exacerbation Of Pulm Disease Or Pneumonia	
RR	RR 12-18	RR 18-24 W/ Increased DOE	RR 24-28 W/ Increased DOE	RR 24-28 W/ Accessory Muscle use	RR > 28 W/ Accessory Muscle use	
Breath Sounds	Clear	Diminished Bilaterally	Wheezes, Atelectasis or Infiltrate in one lobe	Rhonchi that Clears with Cough	Rhonchi And/or Wheeze Throughout Lung Fields	
Cough Effort	None	Strong, Non-Productive	Productive Cough	Weak Non-Productive or Productive	Unable to Effectively Cough	
CXR	No CXR Or Negative CXR	Improving CXR	Worsening CXR	Infiltrates, Atelectasis, or Pleural Effusion	Infiltrates, Atelectasis in more than one lobe or Bilat Pl. Effusion	
SPO2	>90% on Room Air	Pt requires 1-2 L NC to Keep Spo2 >90%	Pt Requires 3-4 L to Keep Spo2 >90%	Pt Requires 4-6 L to Keep Spo2 >90%	Pt Requires >6 L. or Hx of Ch Respiratory Failure	

Score	Frequency
1-6	Q12 or BID
6-10	Q6 or TID
10-15	Q4 WA or QID
15-20	Q4
20 or >	Q2-4

Total Score	
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Recommendations: _____