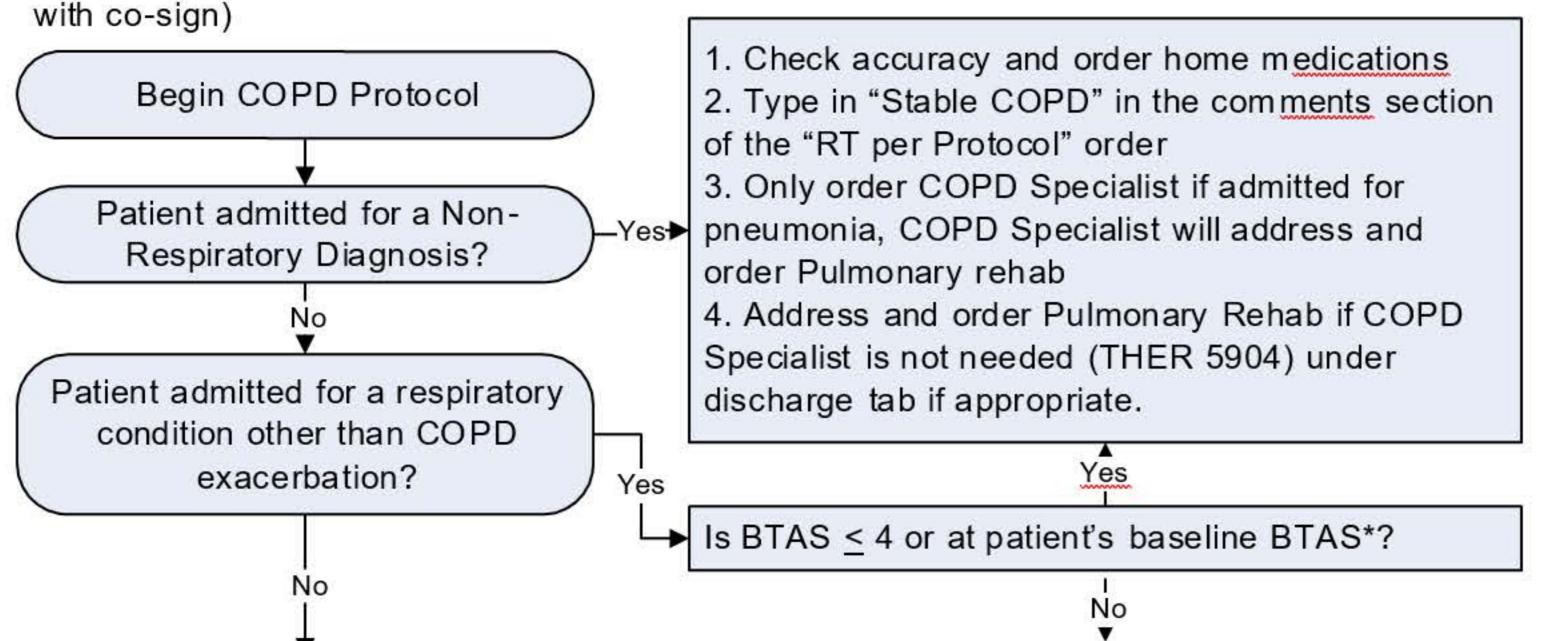
Online Supplement

Treatment Protocols

Respiratory Care protocols must be ordered by a licensed practitioner for a specific patient prior to implementing any component of it. When a component is selected and implemented it must be sent to the licensed practitioner for signature (i.e. Per protocol

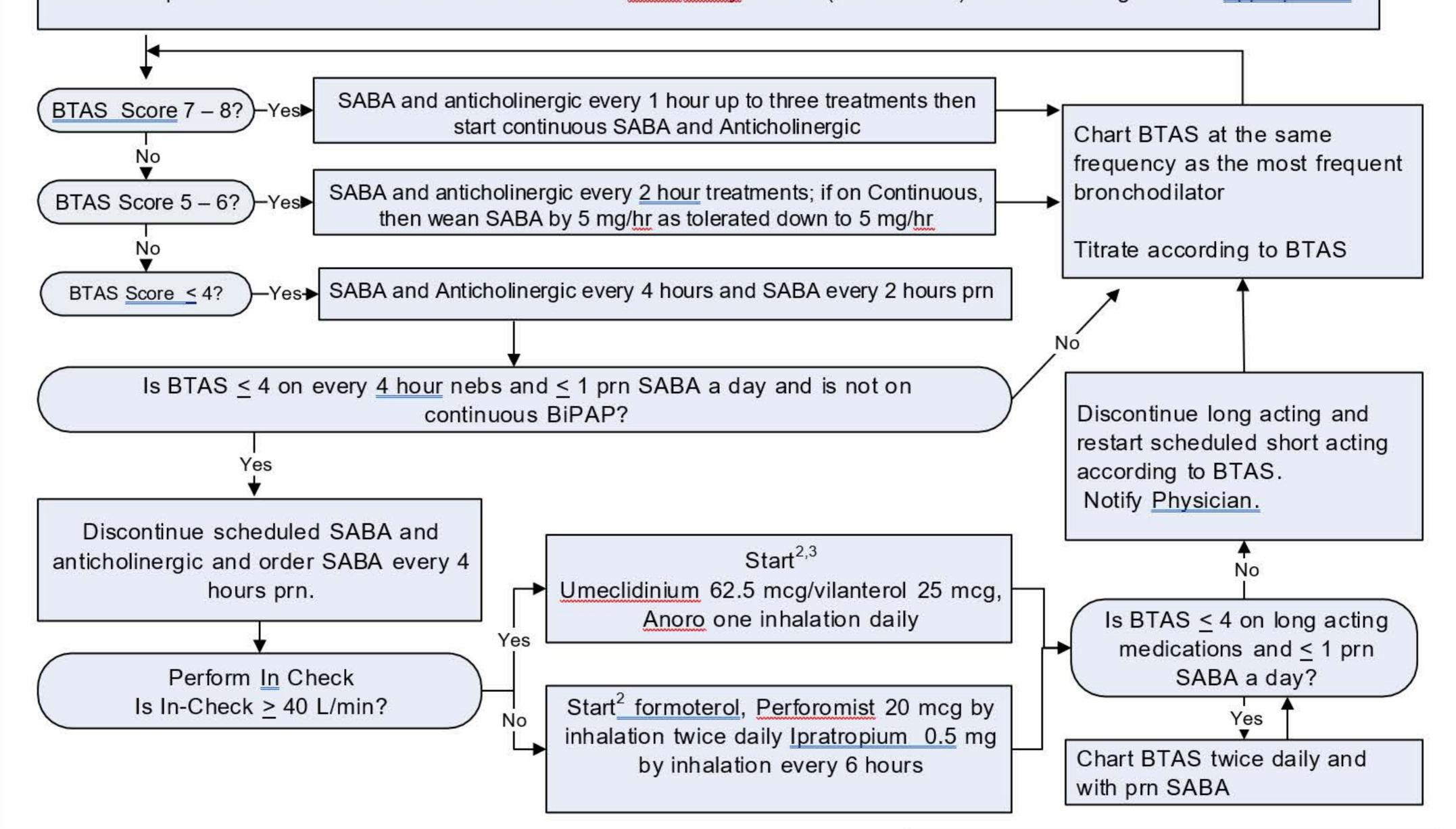


SANF: RD HEALTH

COPD Protocol Revised: 10/09, 10/10, 05/11, 1/13, 11/15 References: 5, 8, 14, 19, 20,

25, 26

- 1. Discontinue all inhaled home respiratory medications.
 - a. Continue inhaled corticosteroids if systemic corticosteroids are not being administered.
 - b. If patient refuses COPD Protocol medications, contact physician.
- 2. Start Short Acting Beta Agonist (SABA) albuterol 2.5 mg by inhalation and anticholinergic ipratropium 0.5 mg by inhalation unless continuous therapy is indicated below, then use: albuterol 15 mg/hr by inhalation and ipratropium 0.5 mg/hr by inhalation, titrate dose and frequency according to the below Bronchodilator Therapy Assessment Score (BTAS)*.
- 3. Place "RT Task COPD Protocol Evaluation" order in every 4 hours.
- 4. Order COPD Specialist
- 5. COPD Specialist will address and order/discontinue Pulmonary Rehab (THER 5904) under discharge tab as appropriate.



* Bronchodilator Therapy Assessment Score					
Breath Sounds	0 Normal / Clear	1 End Expiratory Wheeze	2 Pronounced Expiratory Wheeze	3 Inspiratory & Expiratory Wheeze	4 Absent or Near Absent
Dyspnea	0 None	1 Slight	2 Mild	3 Moderate	4 Severe

- Refer to the Aerosolized Medication Delivery Policy for specific inhaled medications.
- 2. If starting twice daily medications prior to 1200, select "include now"
- 3.If starting once daily medications prior to 2000, select "include now"

Definition of concomitant medications: to determine the incidence of comorbid conditions, we searched the EMR for both International Classification of Disease(s) (ICD)-9 and ICD-10 codes, as our post-intervention time period occurred during the changeover from ICD-9 to ICD-10.

ICD-9 and ICD-10 codes associated with comorbid conditions:

Acute coronary syndrome:

ICD-9 Codes: (with all subcategories or subdivisions)

410- Acute myocardial infarction

411- Other acute and subacute forms of ischemic heart disease

412- Old myocardial infarction

413- Angina pectoris

414- Other forms of chronic ischemic heart disease

ICD-10 Codes:

120- Angina pectoris

I21- ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction

I22- Subsequent ST elevation (STEMI) and non-ST elevation (NSTEMI) myocardial infarction

125- Chronic ischemic heart disease

Asthma:

ICD-9 Codes: (with all subcategories or subdivisions)

493- Asthma

ICD-10 Codes:

J45- Asthma

Diabetes:

ICD-9 Codes: (with all subcategories or subdivisions)

249- Secondary diabetes mellitus

250- Diabetes mellitus

ICD-10 Codes:

E8- Diabetes mellitus due to underlying condition

E9- Drug or chemical induced diabetes mellitus

E10- Type 1 diabetes mellitus

E11- Type 2 diabetes mellitus E13- Other specified diabetes mellitus