

AMB Order Panel: COPD work up and treatment

Order Panel:	COPD work up and treatment		
Date approved:		Last Review:	
Reviewers:	Bordley, Pharmacy (Wargo?)	Next Review:	
References:	***, Pharmacy Clinical Disease and Treatment Management Guide 2022 Update COPD CDTM Resource Material.docx		
OSQ codes:			

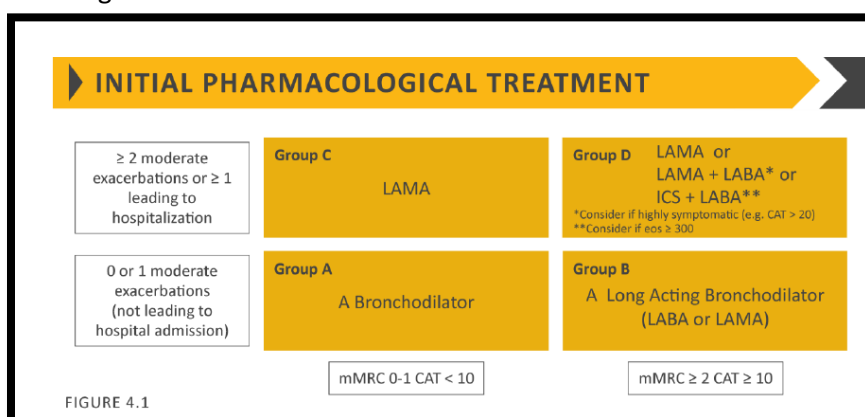
- CAT Link??
- ABCD/GOLD Criteria Link
- Review Smoking Status, exacerbation hx, comorbidities
- Check alpha-1-antitrypsin

Testing:

- PFTs
 - Spirometry pre+post (1st line)
 - Complete 1 PFTs (spirometry pre and post, lung volumes, DLCO) - if initial spirometry suggests need for more comprehensive testing
- Imaging – not required, consider PRN to evaluate for alternative diagnoses, contributing comorbidities and/or complications
 - 2 view Chest xray
 - Non-contrast Chest CT
- Labs
 - CBC with diff – evaluate for peripheral eosinophilia
 - Alpha-1 Antitrypsin (ATS/ERS/GOLD recommend Alpha 1 testing for all symptomatic patients with persistent airflow obstruction on spirometry)
 - RT – ABG or VBG (to evaluate for chronic hypercapnia)

Medications

- Pharmacotherapy
 - This image should be included



- MMRC 2 = “On level ground have to stop or slower than same aged people”
- Group A (less symptoms, low exacerbation risk)
 - Albuterol
- Group B (more symptoms, low exacerbation risk)

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- LAMA – Tiotropium (spiriva respimat or handihaler), Incruse (umeclidinium).
 - Less common – Seebri, Tudorza
- LABA (not preferred, use if cannot tolerate LAMA) - Salmeterol (Serevent), Olodaterol (Striverdi)
- Group C (less symptoms, high exacerbation risk)
 - LAMA – same as above
- Group D (more symptoms, high exacerbation risk)
 - LAMA – same as above
 - LAMA + LABA (start with LABA/LAMA if highly symptomatic, escalate if failed LAMA monotherapy, change ICS/LABA to LAMA/LABA if pneumonia or ICS non-beneficial) - Stiolto, Anoro, Bevespi
 - LABA + ICS (start if asthma phenotype: large bronchodilator response on spirometry, Eos > 300 or if frequent exacerbations) - Airduo, Advair, Breo, Dulera, Symbicort, Wixela (*how to handle ICS dose?*)
 - LAMA + LABA + ICS (failed above combination inhaler(s)) – Trelegy, Breztri
- Smoking cessation
 - Tobacco cessation SmartSet (can we link to this?)
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Referrals

- Pulmonary rehab (REF 153) - appropriate for any symptomatic COPD patient
- Pulmonary Clinic Referral- ***

Vaccination needs

- Flu annually
- Pneumovax (PPSV23)
- Pevnar (if >65) (PCV13)
- PCV20 – will replace both PPSV23 and PCV13, will need to be updated

Other things to consider when failing

- Inhaler teaching
- Change inhaler device – consider respiratory force required for device
- Change molecule
- Investigate, treat other causes
- Pulmonary consult
- Self Management Education
 - Risk factor management
 - Inhaler technique
 - Written action plan
 - Lifestyle/Exercise