

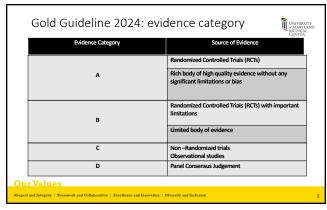
What is COPD?

A heterogeneous lung condition characterized by chronic respiratory symptoms (dyspnea, cough, expectoration, exacerbations) due to abnormalities of the airway (bronchitis, bronchiolitis) and/or alveoli (emphysema) that cause persistent, often progressive, airflow obstruction"

Our Values

https://pubmed.ncbi.nlm.nih.gov/36958741

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Risk Factors of COPD

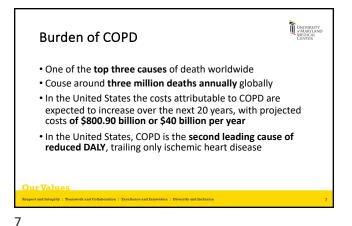
GETomics- Gene (G)-environment (E) interactions occurring over the lifetime (T) of the individual that can damage the lungs and/or alter their normal development/aging process

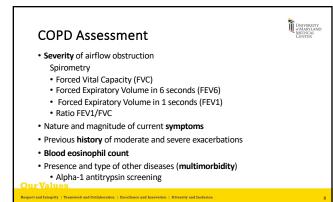
• Gene- α1- antitrypsin deficiency
• Environmental• Smoking History:
• Ggarette-pack years (packs dgarettes per day x years smoking)
• Others-e.g., pipe, cigar, water pipe and marijuana
• Host factors
• InTeractions occurring over lifetime
• Exposure
• Infection

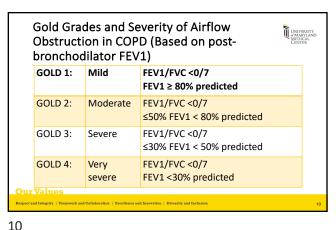
Our Values

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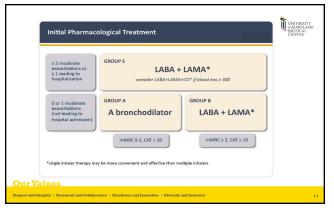
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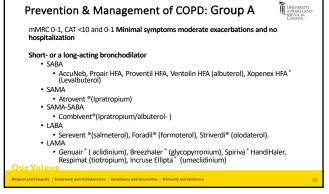




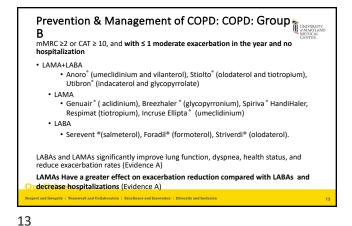


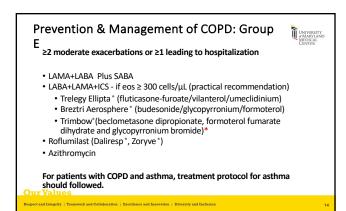
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Respiratory Treatments

William Property Active Treatments

Willia

Select the correct answer

• For patient with Asthma and COPD, pharmacotherapy for Asthma should be followed

• True

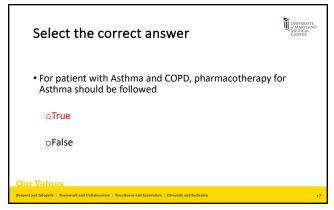
• False

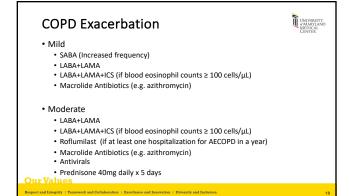
Our Values

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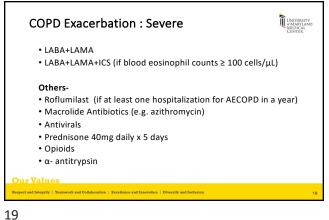
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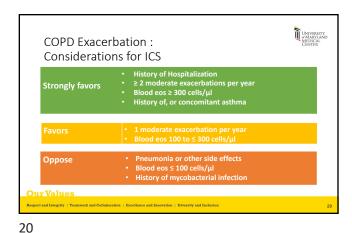
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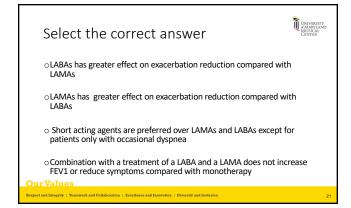




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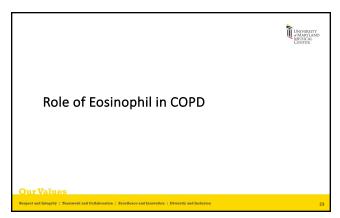


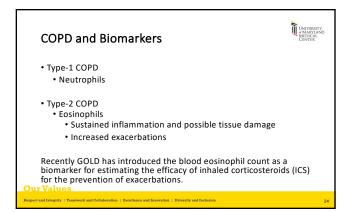


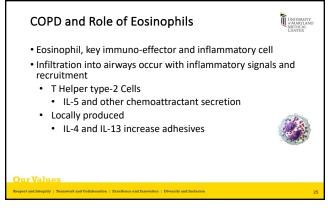


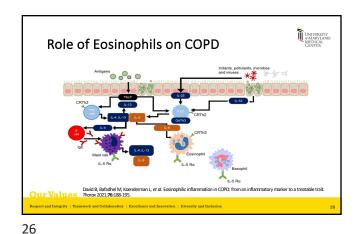
Select the correct answer o LABAs have greater effect on exacerbation reduction compared with LAMAs o LAMAs have greater effect on exacerbation reduction compared with LABAs OShort acting agents are preferred over LAMAs and LABAs except for patients only with occasional dyspnea o Combination with a treatment of a LABA and a LAMA does not increase FEV1 or reduce symptoms compared with monotherapy

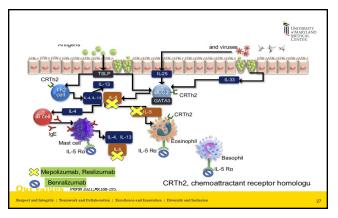
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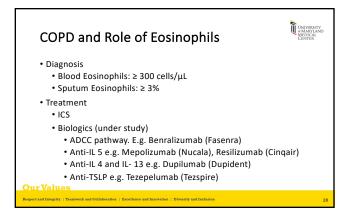




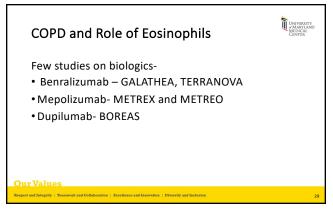


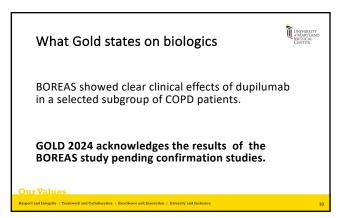




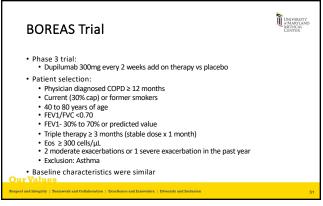


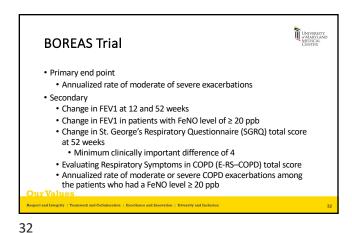
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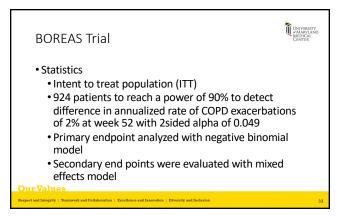




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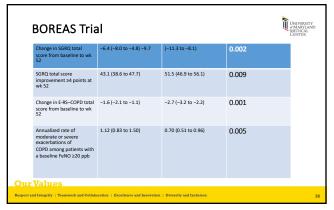


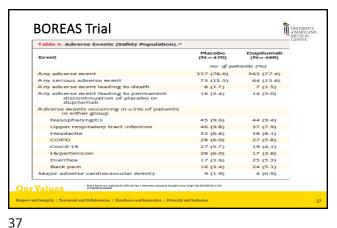


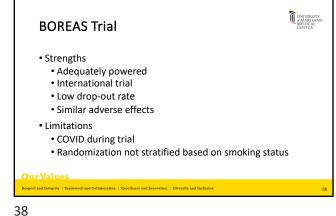


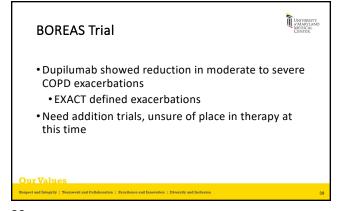
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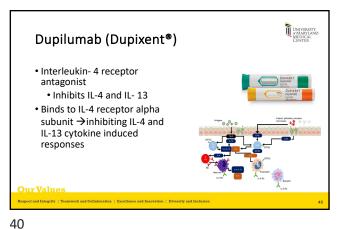
	Placebo	Dupilumab	P-Value
Annualized COPD moderate to severe exacerbation	1.10 (0.93 to 1.30)	0.78 (0.64 to 0.93)	<0.001
Change in prebd FEV1 at week 12	0.077 (0.042 to 0.112)	0.160 (0.126 to 0.195)	<0.001
Change in prebronchodilator FEV1 from baseline to wk 52	0.070 (0.033 to 0.107)	0.153 (0.116 to 0.189)	<0.001
Change in prebronchodilator FEV1 from baseline to wk 12 among patients with a baseline FeNO ≥20 ppb	0.108 (0.038 to 0.177)	0.232 (0.164 to 0.299)	0.002
Change in prebronchodilator FEV1 from baseline to wk 52 among patients with a baseline FeNO ≥20 ppb	0.120 (0.047 to 0.192)	0.247 (0.176 to 0.318)	0.003

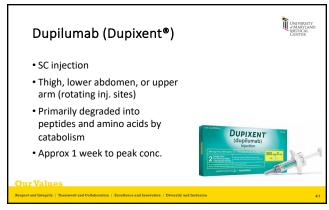


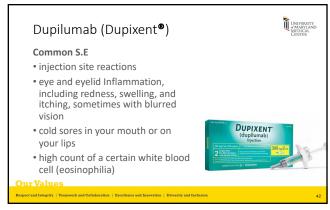


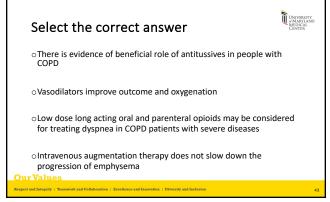


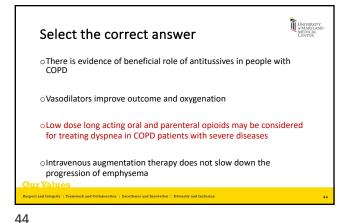


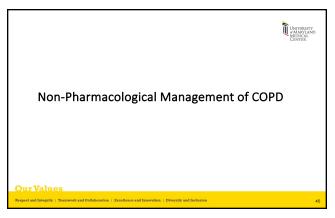








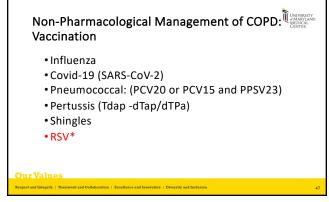




Non-Pharmacological Management of COPD

• Vaccinations
• Smoking Cessation
• Self Management Education and Physical Activity
• Pulmonary Rehabilitation

45 46



Non-Pharmacological Management of COPD:

Smoking Cessation

Patient group A, B and E

Smoking Cessation Essential

Can include pharmacological treatment

Counselling should be delivered with 5A (Ask, Advise, Assess, Assist, Arrange) strategy in mind

Available pharmacological products:

Varenicline (Chantix*)

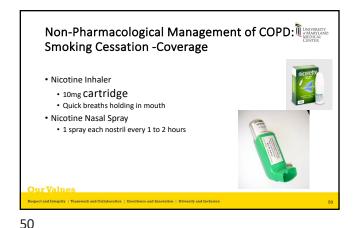
Nicotine replacement products (Nasal spray, Patch, Lozenzes, Gums)

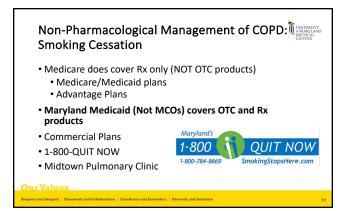
Bupropion sustained release (Zyban*)

Nortriptyline

47 48







Non-Pharmacological Management of COPD:
Smoking Cessation -Coverage

• Medicare will cover as inhaler and nasal spray as Rx -not OTC

• MD Medicaid: Requires prior authorization for coverage of NRT

• Commercial plans: Increased cost

51 52

Non-Pharmacological Management of COPD:
Smoking Cessation

• Buproprion
• 150 mg/day for 3 days, then 150 mg twice a day
• Initiate 1 to 2 weeks prior to quite date
• Lowers seizure threshold

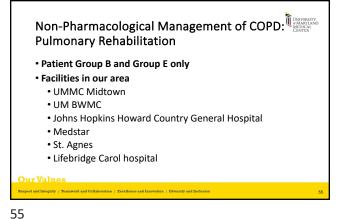
• Varenicline
• 0.5 mg/day for 3 days, then 0.5 mg twice a day for 4 days, then 1 mg twice a day
• Initiate 1 to 2 weeks prior to quite date
• Insomnia, vivid dreams, "neuropsychiatric symptoms"

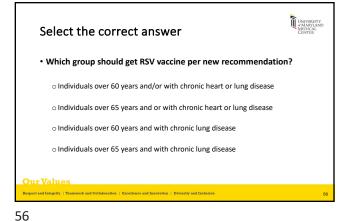
Our Values

Cour Values



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Select the correct answer

Which group should get RSV vaccine per new recommendation?

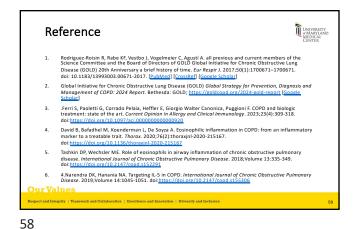
Individuals over 60 years and/or with chronic heart or lung disease

Individuals over 65 years and or with chronic heart or lung disease

Individuals over 60 years and with chronic lung disease

Individuals over 65 years and with chronic lung disease

Individuals over 65 years and with chronic lung disease



Our Values

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