







Pharmacology of drugs used in COPD

EDITING FILE

COLOR INDEX:

- MAIN TEXT
 IMPORTANT
- GIRLS SLIDES
- BOYS SLIDES
- NOTES
- EXTRA



In general focus on: 1- Major side effect.

2- drug of choice for each condition.

3- M.O.A







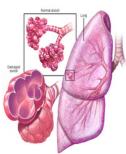
there are no objectives for this topic

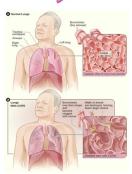
Drugs used in chronic obstructive pulmonary disease (COPD)

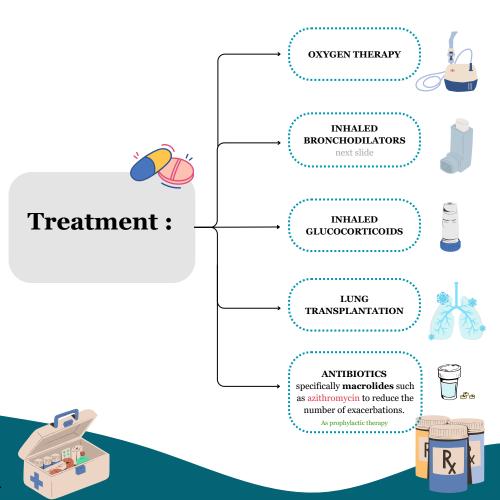
it is a chronic irreversible airflow obstruction, lung damage and inflammation of the air sacs (alveoli).

it is characterized by chronic bronchitis and emphysema (destruction of walls of alveoli).

Smoking is a high risk factor but air pollution and genetic factors can contribute.



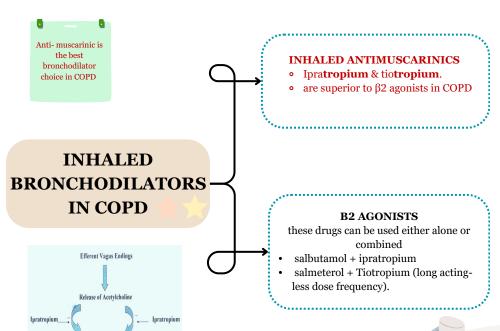




Important

Contraction of Smooth Muscle

Secretion of Mucous



(Roflumilast) New Drug



Coloctive inhih

Selective inhibitor for (Phosphodiesterase 4 enzyme) resulting in an increase cAMP thus Bronchodilation

Aproved as add on drug for pateint with (severe COPD) and frequent exacerbation



Side effect: Wight loss , Nausea , Vomiting



"study smarter, not harder"

Active recall



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summary



MCQs





B LACTAM

QUINOLONES

TETRACYCLINES

MACROLIDES



SAQs



1 WHAT IS MECHANISM OF Roflumilast?

SCIDE 6

2 Mention example of Macrolide used in COPD?

SPIDE 4



Team leaders

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