

TIOTROPIUM BROMIDE: EFFICACY, SAFETY, INDICATION FOR COPD

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Abstract

The mechanisms of bronchial obstruction in patients with chronic obstructive pulmonary disease (COPD) have been described in current report. The characteristics of muscarinic receptors, their role in parasympathetic regulation of bronchial tonus and pharmacodynamics effect of long-acting anticholinergic agent tiotropium bromide have been summarized.

Current literature dedicated to the results of multicenter randomized tiotropium bromide efficacy and safety in COPD patients has been reviewed and practical recommendations given.

Key words: chronic obstructive pulmonary disease, bronchial obstruction, tiotropium bromide.

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