



## MEDICAL TIPS

**P-Pi, R-Pi and S-Pi TABLETS**

*Issue XII, No. 48, 2022*

### **Effectiveness of Proton-Pump Inhibitors in Chronic Obstructive Pulmonary Disease: A Meta-Analysis of Randomized Controlled Trials**

*Yu F et.al. Front. Med. 2022; 9.*

- Gastro-esophageal reflux disease (GERD) is a known co-morbidity of chronic obstructive lung disease (COPD), is mutually causal, forming a vicious cycle seriously affecting the quality of life.
- GERD may cause acute exacerbation of COPD and is considered as an independent risk factor for COPD death.
- Proton-pump inhibitors (PPI) are the first-line drugs for the treatment of GERD and the present meta-analysis determined the efficacy of the same in COPD.
- The results of this study suggested that PPI therapy in patients with COPD can reduce the fatality rate, occurrence of gastrointestinal bleeding, number of acute exacerbations and other adverse reactions.

**PPI therapy may be beneficial to patients with COPD with high-risk factors of the digestive system.**

