

## SUPPLEMENTARY MATERIAL

### Systematic review on long-term adverse effects of inhaled corticosteroids in the treatment of chronic obstructive pulmonary disease

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#### Table S1: Search strategy

MEDLINE (Pubmed 21/10/2020)

- #1 "Lung Diseases, Obstructive"[Majr]
- #2 "Pulmonary Disease, Chronic Obstructive"[Mesh]
- #3 chronic obstructive pulmonary disease[tiab]
- #4 COPD[tiab]
- #5 #1 OR #2 OR #3 OR #4
- #6 inhaled corticosteroid\*[tiab]
- #7 inhaled steroid\*[tiab]
- #8 inhaled glucocorticoid\*[tiab]
- #9 ICS[tiab]
- #10 inhaled[tiab]
- #11 "Glucocorticoids"[Mesh]
- #12 "Budesonide"[Mesh]
- #13 "Beclomethasone"[Mesh]
- #14 flunisolide[tiab]
- #15 fluticasone[tiab]
- #16 budesonide[tiab]
- #17 beclomethasone[tiab]
- #18 triamcinolone[tiab]
- #19 ciclesonide[tiab]
- #20 mometasone[tiab]
- #21 #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20
- #22 #10 AND #21
- #23 #6 OR #7 OR #8 OR #9 OR #22
- #24 #5 AND #23

- #25 "Drug-Related Side Effects and Adverse Reactions"[Mesh]
- #26 "Infections"[Majr]
- #27 "Pneumonia"[Mesh]
- #28 "Fractures, Bone"[Mesh]
- #29 "Diabetes Mellitus"[Mesh]
- #30 "Glaucoma"[Mesh]
- #31 "Cataract"[Mesh]
- #32 "Hypertension"[Mesh]
- #33 "Mycobacterium Infections"[Mesh]
- #34 "Adrenal Insufficiency"[Mesh]
- #35 "Dysphonia"[Mesh]
- #36 "Candidiasis"[Mesh]
- #37 serious[ti]
- #38 severe[ti]
- #39 adverse event\*[tiab]
- #40 adverse effect\*[tiab]
- #41 side effect\*[tiab]
- #42 infection\*[tiab]
- #43 pneumonia[tiab]
- #44 sepsis[tiab]
- #45 thromboembolism\*[tiab]
- #46 fracture\*[tiab]
- #47 bone\*[tiab]
- #48 osteoporosis\*[tiab]
- #49 diabet\*[tiab]
- #50 DM[tiab]
- #51 glaucoma[tiab]
- #52 cataract\*[tiab]
- #53 hypertens\*[tiab]
- #54 blood pressure[tiab]
- #55 mycobacterium[tiab]
- #56 adrenal insufficiency[tiab]
- #57 dysphon\*[tiab]
- #58 candidia\*[tiab]
- #59 #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50 OR #51 OR #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58
- #60 #24 AND #59
- #61 #60 AND ("2000/01/01"[PDat] : "2020/01/14"[PDat])

EMBASE (embase.com) (21/10/2020)

#52 #25 AND #51  
#51 #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR  
#38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50  
#50 candidia\*:ti  
#49 ((adrenal NEXT/1 insufficiency\*):ti)  
#48 mycobacterium\*:ti  
#47 ((blood NEXT/1 pressure\*):ti)  
#46 hypertens\*:ti  
#45 cataract\*:ti  
#44 glaucoma:ti  
#43 diabet\*:ti  
#42 osteoporo\*:ti  
#41 bone\*:ti  
#40 fracture\*:ti  
#39 thromboembolism\*:ti  
#38 sepsis:ti  
#37 pneumonia:ti  
#36 infection\*:ti  
#35 ((side NEXT/1 effect\*):ti)  
#34 ((adverse NEXT/1 effect\*):ti)  
#33 ((adverse NEXT/1 event\*):ti)  
#32 'candidiasis'/exp/mj  
#31 'cataract'/exp/mj  
#30 'glaucoma'/exp/mj  
#29 'diabetes mellitus'/exp/mj  
#28 'fracture'/exp/mj  
#27 'pneumonia'/exp/mj  
#26 'adverse drug reaction'/mj  
#25 #5 AND #24  
#24 #10 OR #23  
#23 #11 AND #22  
#22 #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21  
#21 mometasone:ti  
#20 ciclesonide:ti  
#19 triamcinolone:ti  
#18 beclomethasone:ti

#17 budesonide:ti  
#16 fluticasone:ti  
#15 flunisolide:ti  
#14 'beclometasone'/mj  
#13 'budesonide'/mj  
#12 'glucocorticoid'/mj  
#11 inhaled:ti  
#10 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9  
#9 ics:ti  
#8 ((inhaled NEXT/1 glucocorticoid\*):ti,ab)  
#7 ((inhaled NEXT/1 steroid\*):ti,ab)  
#6 ((inhaled NEXT/1 corticosteroid\*):ti,ab)  
#5 #1 OR #2 OR #3 OR #4  
#4 copd:ti,ab  
#3 'chronic obstructive pulmonary disease':ti  
#2 'obstructive airway disease'/mj  
#1 'chronic obstructive lung disease'/exp/mj