

Appendix 1. Database search strategies**Database: MEDLINE® ALL <Inception to June, 2020>****Platform: Ovid SP**

Search Line	Search Item
1	exp pulmonary disease, chronic obstructive/
2	exp lung diseases, obstructive/
3	(COPD or COAD or AECOPD or COBD or AECB or (acute exacerbation adj2 (COPD or chronic obstructive pulmonary disease))).mp
4	((chronic or obstruct*) adj3 (airflow or airway* or bronch* or lung* or pulmonary or respirat*)).mp
5	(emphysema or lung hyperinflation or hyperlucent lung or enlarged alveolar spaces).mp
6	1 or 2 or 3 or 4 or 5
7	exp hospitalization/
8	exp inpatients/
9	((transitional care or step down or subacute or acute care or medical acute or critical care) adj3 (center* or centre* or unit* or floor* or ward* or clinic*)) or (hospital* or intensive care or ICU or inpatient* or in-patient* or patient* or emergency department*).mp
10	7 or 8 or 9
11	exp exercise therapy/
12	exp exercise/
13	exp exercise test/
14	exp exercise movement techniques/
15	exp exercise tolerance/
16	exp physical therapy speciality/
17	(exercise* or physical exercise* or exercise therap* or exercise test* or mobil* or walk* or resistance training or physical activit* or exercise-based intervention* or exercise program* or exercise rehabilitation or physical rehabilitation or ambulat* or gait training).mp
18	(pulmonary rehabil* or rehabil*).mp
19	(frailty or activit* of daily living or ADL or muscle weakness or muscle strength or functional exercise capacity or functional mobility).mp
20	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19
21	6 and 10 and 20