**Supplemental Digital Content 1. Search strategy and inclusion and exclusion criteria**

Search terms:

* COPD OR “chronic obstructive pulmonary disease” OR emphysema OR “chronic bronchitis” OR “chronic airflow obstruction”
  + (in PubMed "Pulmonary Disease, Chronic Obstructive"[Mesh]will cover all the search terms above)

AND

* Exercise OR training OR “strength training” OR “resistance training” OR “aerobic training” OR rehabilitation
  + (in PubMed using ("Exercise"[Mesh]) OR ("Rehabilitation"[Mesh]) will cover all the search terms above)

AND

* “Postural balance” OR “gait stability” OR “gait instability” OR fall-risk OR “risk of falls”

PubMed search-string:

*(((("Pulmonary Disease, Chronic Obstructive"[Mesh]) AND (("Exercise"[Mesh]) OR ("Rehabilitation"[Mesh])) AND (("Postural Balance"[Mesh]) OR ("gait instability") OR ("gait stability") OR (fall-risk) OR ("fall risk") OR ("risk of falls")))))*

The same search terms were used for searching in Web of Science, EMBASE and CINAHL, but the search words that are covered by using MeSH-terms in PubMed were added. All references in eligible papers from the PubMed-search and web of science-search were screened to find additional papers not found through the original search. Furthermore, Google Scholar was used to find relevant papers that have cited the eligible papers.

Inclusion criteria:

* Articles describing original data
* Articles written in English
* RCT or pre-post-test design

Exclusion criteria:

* Articles presenting combined data of multiple lung-diseases where results are not specified for COPD only
* No intervention
* No intervention involving exercise
* No outcome reported related to balance or fall-risk
* The duration of the intervention was < 14 d