

Supplementary File 2.**Search terms for Cochrane Central Register of Controlled Trials (CENTRAL)**

(nurse* OR "health personnel*" OR "nursing staff*" OR "registered nurse*" OR "health care personnel*" OR "healthcare personnel*" OR "health care worker*" OR "healthcare worker*" OR "health care professional*" OR "healthcare professional*" OR "health care staff*" OR "healthcare staff*" OR "health care provider*" OR "healthcare provider*")

AND

("work engagement" OR "work engag*" OR engag*)

AND

("randomized controlled trial" OR (randomized AND controlled AND trial))

Search terms for PubMed

(nurses[Mesh] OR "health personnel" [Mesh] OR nurse*[tiab] OR "nursing staff*" [tiab] OR "registered nurse*" [tiab] OR "health care personnel*" [tiab] OR "healthcare personnel*" [tiab] OR "health care worker*" [tiab] OR "healthcare worker*" [tiab] OR "health care professional*" [tiab] OR "healthcare professional*" [tiab] OR "health care staff*" [tiab] OR "healthcare staff*" [tiab] OR "health care provider*" [tiab] OR "healthcare provider*" [tiab])

AND

("work engagement" [Mesh] OR "work engag*" [tiab] OR engag*[tiab])

AND

("randomized controlled trial" [pt] OR (randomized[tiab] AND controlled[tiab] AND trial[tiab]))

Search terms for EMBASE

("nurses" /de OR "health personnel" /de OR "nurse*" :ti,ab OR "nursing staff*" :ti,ab OR "registered nurse*" :ti,ab OR "health care personnel*" :ti,ab OR "healthcare personnel*" :ti,ab OR "health care worker*" :ti,ab OR "healthcare worker*" :ti,ab OR "health care professional*" :ti,ab OR "healthcare professional*" :ti,ab OR "health care staff*" :ti,ab OR "healthcare staff*" :ti,ab OR "health care provider*" :ti,ab OR "healthcare provider*" :ti,ab)

AND

("work engagement" /de OR "work engag*" :ti,ab OR engag*:ti,ab)

AND

(randomized:ti,ab AND controlled:ti,ab AND trial:ti,ab)

Search terms for CINAHL

(MH nurses OR MH "health personnel" OR TI nurse* OR TI "nursing staff*" OR TI "registered nurse*" OR TI "health care personnel*" OR TI "healthcare personnel*" OR TI "health care worker*" OR TI "healthcare worker*" OR TI "health care professional*" OR TI "healthcare professional*" OR TI "healthcare staff*" OR TI "health care staff*" OR TI "health care provider*" OR TI "healthcare provider*" OR AB nurse* OR AB "nursing staff*" OR AB "registered nurse*" OR AB "health care personnel*" OR AB "healthcare personnel*" OR AB "health care worker*" OR AB "healthcare worker*" OR AB "health care professional*" OR AB "healthcare professional*" OR AB "healthcare staff*" OR AB "health care staff*" OR AB "health care provider*" OR AB "healthcare provider*")

AND

(MH "work engagement" OR TI "work engag*" OR TI engag* OR AB "work engag*" OR AB engag*)

AND

((TI randomized AND TI controlled AND TI trial) OR (AB randomized AND AB controlled AND AB trial))

Search terms for PsycINFO

(MA nurses OR MA "health personnel" OR TI nurse* OR TI "nursing staff*" OR TI "registered nurse*" OR TI "health care personnel*" OR TI "healthcare personnel*" OR TI "health care worker*" OR TI "healthcare worker*" OR TI "health care professional*" OR TI "healthcare professional*" OR TI "healthcare staff*" OR TI "health care staff*" OR TI "health care provider*" OR TI "healthcare provider*" OR AB nurse* OR AB "nursing staff*" OR AB "registered nurse*" OR AB "health care personnel*" OR AB "healthcare personnel*" OR AB "health care worker*" OR AB "healthcare worker*" OR AB "health care professional*" OR AB "healthcare professional*" OR AB "healthcare staff*" OR AB "health care staff*" OR AB "health care provider*" OR AB "healthcare provider*")

AND

(MA "work engagement" OR TI "work engag*" OR TI engag* OR AB "work engag*" OR AB engag*)

AND

((TI randomized AND TI controlled AND TI trial) OR (AB randomized AND AB controlled AND AB trial))

Search terms for The Japan Medical Abstracts Society

(“看護師”/TH OR “医療従事者”/TH OR “看護師”/TA OR “看護職”/TA OR “ナース”/TA OR “看護スタッフ”/TA OR “正看護師”/TA OR “ヘルスケアワーカー”/TA OR “ヘルスケアプロフェッショナル”/TA OR “ヘルスケアスタッフ”/TA OR “ヘルスケアプロバイダー”/TA) AND (“ワークエンゲージメント”/TH) AND (RD=ランダム化比較試験 OR ((“ランダム化”/TA OR “無作為化”/TA) AND “比較”/TA AND “試験”/TA))