**Electronic supplement 4**Search strings in-depth literature search

**Executed on February 19th, 2019**

Pubmed(999 results)

(portfol\*[tiab] OR eportfol\*[tiab] OR e-portfol\*[tiab] OR port-fol\*[tiab] OR eport-fol\*[tiab] OR e-port-fol\*[tiab]) **AND** ("Self-Directed Learning as Topic"[Mesh] OR personal development plan\*[tiab] OR self-direct\*[tiab] OR selfdirect\*[tiab] OR self-regul\*[tiab] OR selfregul\*[tiab] OR "Formative Feedback"[Mesh] OR "Self-Assessment"[Mesh] OR selfassessment[tiab] OR Lifelong learning[tiab] OR Professional development[tiab] OR Learning cycle\*[tiab] OR Learning tool\*[tiab] OR educational tool\*[tiab] OR Self evaluation\*[tiab] OR Self appraisal\*[tiab] OR reflect\*[tiab] OR (("Learning"[Mesh] OR learn\*[tiab]) AND (steering[tiab] OR goals[Mesh] OR goal[tiab] OR goals[tiab] OR feedback[tiab] OR assessment[tiab] OR keeping track[tiab] OR monitor\*[tiab] OR progress[tiab])))

CINAHL (786 results)

(MH "Portfolio" OR TI (portfol\* OR eportfol\* OR e-portfol\* OR port-fol\* OR eport-fol\* OR e-port-fol\*) OR AB (portfol\* OR eportfol\* OR e-portfol\* OR port-fol\* OR eport-fol\* OR e-port-fol\*)) **AND** (MH "Self Directed Learning" OR MH "Self Assessment" OR TI ( personal development plan\* OR self-direct\* OR selfdirect\* OR self-regul\* OR selfregul\* OR Lifelong learning OR Professional development OR Learning cycle\* OR Learning tool\* OR educational tool\* OR Self evaluation\* OR Self appraisal\* OR reflect\* OR self-assessment OR selfassessment ) OR AB ( personal development plan\* OR self-direct\* OR selfdirect\* OR self-regul\* OR selfregul\* OR Lifelong learning OR Professional development OR Learning cycle\* OR Learning tool\* OR educational tool\* OR Self evaluation\* OR Self appraisal\* OR reflect\* OR self-assessment OR selfassessment ) OR MH “Feedback" OR ((MH "Lifelong Learning" OR MH "Personal Growth" OR MH "Skill Acquisition" OR MH "Skill Retention" OR MH "Learning" OR TI (learn\*) OR AB (learn\*)) AND (TI ( steering OR goal OR goals OR feedback OR self-assessment OR selfassessment OR keeping track OR monitor\* OR progress ) OR AB (steering OR goal OR goals OR feedback OR keeping track OR monitor\* OR progress ))))

ERIC (324 results)

(portfolio assessment/ OR ((portfol\* or eportfol\* or e-portfol\* or port-fol\* or eport-fol\* or e-port-fol\*).ti,ab,tw. )) **AND** ((exp medical education/ or "clinical teaching (health professions)"/ or health personnel/ or health sciences/) OR ((medical or clinical or health or healthcare).ti,ab,tw.))

PsycInfo (238 results)

((portfol\* or eportfol\* or e-portfol\* or port-fol\* or eport-fol\* or e-port-fol\*).ti,ab,id.) **AND** (self-evaluation/ OR (personal development plan\* or self-direct\* or selfdirect\* or self-regul\* or selfregul\*).ti,ab,id. or adult learning/ or Self evaluation/ or selfassessment.ti,ab,id. or Lifelong learning.ti,ab,id. or Professional development.ti,ab,id. or Learning cycle\*.ti,ab,id. or Learning tool\*.ti,ab,id. or educational tool\*.ti,ab,id. or Self evaluation\*.ti,ab,id. or Self appraisal\*.ti,ab,id. or reflect\*.ti,ab,id. or ((exp Learning/ or learn\*.ti,ab,id.) and (steering.ti,ab,id. or goal setting/ or goal.ti,ab,id. or goals.ti,ab,id. or feedback.ti,ab,id. or assessment.ti,ab,id. or keeping track.ti,ab,id. or monitor\*.ti,ab,id. or progress.ti,ab,id.))) **AND** (exp Medical Education/ OR nursing education/ OR (exp Clinical Methods Training/ or exp Physicians/ or exp Physical Therapists/ or exp Nursing Students/) OR ((medical or clinical or health or healthcare).ti,ab,id.))

Embase (1073 results)

((portfol\* or eportfol\* or e-portfol\* or port-fol\* or eport-fol\* or e-port-fol\*).ti,ab,kw.) AND (self-directed learning/ or personal development plan\*.ti,ab,kw. or self-direct\*.ti,ab,kw. or selfdirect\*.ti,ab,kw. or self-regul\*.ti,ab,kw. or selfregul\*.ti,ab,kw. or constructive feedback/ or exp Self evaluation/ or selfassessment.ti,ab,kw. or Lifelong learning.ti,ab,kw. or Professional development.ti,ab,kw. or Learning cycle\*.ti,ab,kw. or Learning tool\*.ti,ab,kw. or educational tool\*.ti,ab,kw. or Self evaluation\*.ti,ab,kw. or Self appraisal\*.ti,ab,kw. or reflect\*.ti,ab,kw. or ((exp Learning/ or learn\*.ti,ab,kw.) and (steering or goal or goals or feedback or assessment or keeping track or monitor\* or progress).ti,ab,kw.))

Web of Science (688 results)

(portfol\* or eportfol\* or e-portfol\* or port-fol\* or eport-fol\* or e-port-fol\*) **AND** ((“personal development plan\*” OR self-direct\* OR selfdirect\* OR self-regul\* OR selfregul\* OR “formative feedback” OR “Self evaluation\*” OR “self assessment\*” OR selfassessment OR “Lifelong learning” OR “Professional development” OR “Learning cycle\*” OR “Learning tool\*” OR “educational tool\*” OR “Self appraisal\*” OR reflect\* OR (learn\* AND (steering OR goal OR goals OR feedback OR assessment OR keeping track OR monitor\* OR progress)))) **AND** (medical or clinical or health or healthcare)