

Supplementary file 4. List of potentially eligible concepts and their reason for inclusion/exclusion in the second search step after discussion.

	Inclusion?	Rationale
Active learning	no	Used exclusively for learning in the classroom setting
Authentic learning	yes	Is used as an equivalent to learning in clinical practice ¹
Blended learning	No	Used exclusively for learning in the classroom setting
case based learning	no	Used exclusively for learning in the classroom setting, simulation learning or online learning
clinical experience/ practice experience	no	Used to describe the overall experience of being in a clinical setting rather than the learning process
clinical learning	yes	Used as an equivalent to learning in clinical practice
clinical learning environment	no	Used to describe learning circumstances rather than the learning process itself
clinical learning model	no	Used to describe learning circumstances rather than the learning process itself
Clinical nursing education	no	Is used to describe the entire system (organization, supervision, contents etc.) within which learning takes place
clinical placement learning	yes	Used as an equivalent to learning in clinical practice
clinical skills learning	no	Used to describe a specific part (ie skills learning) of learning in clinical practice
clinically based learning	yes	Used as an equivalent to learning in clinical practice
Collaborative learning	no	Used to describe a specific way of organizing learning in clinical practice (ie learning in pairs)
concept-based learning	no	Used either for curriculum design or for specific learning activities in clinical practice
cooperative learning	No	Used to describing specific learning/ teaching activities
deep learning	no	Used exclusively for learning in the classroom setting, simulation learning or online learning
Deliberate practice	No	Used to describing specific learning/ teaching activities
Didactic learning	No	Used exclusively for learning in the classroom setting
dual level learning	No	Used to describe a specific way of organizing classroom learning
empathy learning	no	Used to describe the learning of a specific skill (ie empathy)
Enquiry based learning	no	Used to describing specific learning/ teaching activities
Experiential learning	yes	Is as an equivalent to learning in clinical practice
Experimental learning	yes	Is as an equivalent to learning in clinical practice
Hidden curriculum	yes	Although this is not an equivalent to learning in practice, we decided to include this concept as it is used to

		describe a way in which knowledge and valued are transmitted in clinical practice outside specific teaching or learning activities
Informal learning	yes	Is used as an equivalent to learning in clinical practice
(Work) integrated learning	yes	Is (in some cases) ² used as an equivalent to learning in practice
Integrative learning	No	Used for describing specific teaching and learning strategies
Intentional learning	no	Used to describe specific learning/ teaching activities ³ or competencies ⁴
interprofessional learning	no	Used to describe a specific way of organizing learning in clinical practice (ie learning with and from other disciplines)
Learning by doing	yes	Used as an equivalent to learning in clinical practice
learning clinical nursing	yes	Used as an equivalent to learning in clinical practice
learning from/through experience	yes	Used as an equivalent to learning in clinical practice
learning from clinical placement experience	yes	Used as an equivalent to learning in clinical practice
learning from practice	yes	Used as an equivalent to learning in clinical practice
learning in a clinical environment	yes	Used as an equivalent to learning in clinical practice
learning in practice/ learning in practice environment/ learning in practice setting/learning in a clinical practicum	yes	Used as an equivalent to learning in clinical practice
Learning in the clinical field/learning in the clinical context/ Learning in the clinical setting/Learning in the clinical nursing environment/learning in the clinical environment	yes	Used as an equivalent to learning in clinical practice
learning in the practice setting	yes	Used as an equivalent to learning in clinical practice
Learning on the job	yes	Used as an equivalent to learning in clinical practice
Learning on the workplace/ workplace learning/learning in the workplace	yes	Used as an equivalent to learning in clinical practice
learning process	yes	Used as an equivalent to learning in clinical practice ⁵
Learning situation	no	Used to describe learning circumstances rather than the learning process itself
learning the practice of nursing	yes	Used as an equivalent to learning in clinical practice ⁶
learning through experience	yes	Used as an equivalent to learning in clinical practice
learning trajectories	no	Used to describe learning in a specific program ⁷
Meaningful learning	no	Used exclusively for learning in the classroom setting ⁸ or simulation learning ⁹
Online learning	no	Used for specific learning activities outside the clinical

		setting
Peer based learning/ peer learning/ peer assisted learning	yes ¹	Used to describe a specific central way learning in clinical practice
Perceptual learning	no	Used to describe a specific technique to learn in clinical practice
placement learning	Yes	Used as an equivalent to learning in clinical practice
Practice learning	Yes	Used as an equivalent to learning in clinical practice
Practice-based learning	Yes	Used as an equivalent to learning in clinical practice
problem-based learning/ problem based learning	no	Used exclusively for learning in the classroom setting, simulation learning or online learning
professional development	No	Used to describe the result of learning in the clinical setting, rather than the process
Reflective learning	No	Used to describe specific teaching and learning strategies
Self-directed learning	yes	Used (at least in some studies, eg ¹⁰) to describe a very important component of learning in the clinical setting, that is, the part that takes place at the learner's initiative).
Self-regulated learning	yes	Used (at least in some studies, eg ¹¹) to describe a major part of learning in the clinical setting, that is, the part that takes place at the learner's initiative).
Service learning	no	Used for the particular combination of providing (voluntary) community service and learning in practice
Shared learning	No	Used to describe a specific way of organizing learning in clinical practice (ie learning from and with others)
Situated learning	yes	Used as an equivalent to learning in clinical practice, ¹²
socialisation/ socialization	yes	Used to describe a major part of learning in clinical practice
student learning	yes	Is, in some cases (eg ¹³) used to describe learning in clinical practice)
task-based learning	No	Used to describe a specific way of organizing learning in clinical practice (ie around tasks ¹⁴)
team-based learning	No	Used exclusively for learning in the classroom setting
Transformational learning	No	Used to describe the result of learning in the clinical setting, rather than the process ¹⁵
Transformative learning	yes ²	Used to describe both process and outcomes of learning ¹⁶
Ward based learning	Yes	Used as an equivalent to learning in clinical practice
Work-based learning	Yes	Used as an equivalent to learning in clinical practice
work-integrated learning	Yes	Used as an equivalent to learning in clinical practice

¹ Excluded in first instance as it appeared to be used to study interventions or specific organizational models. On the basis of results in search step 2, the concept was included in second instance.

² Excluded in first instance as it appeared to be used to study classroom learning only. On the basis of results in search step 2, the concept was included in second instance.

workplace learning	Yes	Used as an equivalent to learning in clinical practice
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