

## Supplemental Digital Appendix 1

### Search Strategy for a 2016 Scoping Review of Clinical Reasoning Assessment Methods<sup>a</sup>

Databases searched from inception to February 29, 2016:

MEDLINE (1946)

CINAHL (1937)

ERIC (1966)

PsycINFO (1967)

Scopus (1788)

Google Scholar (no date)

New York Academy of Medicine (NYAM) Grey Literature Report (1998)

The reasoning factor included the following combinations of terms:

- (analytic\* or clinical or diagnostic or prognostic or situation\* or therapeutic) *adj* (reasoning or judgement or judgment or competenc\* or decision\* or problem solving or skill? or expertise)
- (reasoning or cogniti\* or diagnostic) *adj* skill\*
- situat\* *adj*3 cogniti\*
- (reasoning or thought or thinking [as title words]) or thinking/ or concept formation/ or decision making/ or judgment/ or problem solving/ or cognition/ or comprehension/ or intuition/ and (clinic\* or diagnostic or therapeutic or prognostic or analytic\* or deductive or practitioner\* or nurs\* or pharmacist\* or physician\* or therapist\*)

The educational-measurement factor combined any of the following with expertise or clinical competence/ or program evaluation/methods or program evaluation/standards:

- log? or logbook? or cueing or multiple choice or key feature? or osce or m-osce or structured clinical exam\* or structured oral interview or sequential problem? or script concordance or Mini-CEX or situational judgment test? or situational judgement test? or patient management problem? or card sort\* or evaluat\* or assess\* or measur\* or instrument? or test\*
- essay? *adj*3 (exam? or examination? or question? or assess\* or test\*)
- checklists/ or educational measurement/
- (exam? or examination? or examinee?) not physical examination/

<sup>a</sup>In the term lists for the two factors an asterisk indicates variants, *adjn* indicates terms that occur within a number of words, a question mark indicates a character or none, and a slash following a term indicates that it is a MeSH.