

Supplementary Data 1. Search Strategies**PubMed****Search:**

("Nurses"[MeSH Terms] OR "nurs*" [Title/Abstract]) AND ("clinical deterioration" [Title/Abstract] OR ("patient*" [Title/Abstract] AND ("deteriorat*" [Title/Abstract] OR "clinical deterioration" [Title/Abstract]))) AND ("general ward" [Title/Abstract] OR "ward*" [Title/Abstract] OR "medical ward" [Title/Abstract] OR "surgical ward" [Title/Abstract] OR "inpatient*" [Title/Abstract] OR "inhospital" [Title/Abstract]) AND ("Clinical Competence" [MeSH Terms] OR "Attitude" [MeSH Terms] OR "Perception" [MeSH Terms] OR "recognition" [Title/Abstract] OR "respon*" [Title/Abstract] OR "escalation" [Title/Abstract] OR "management" [Title/Abstract] OR "competen*" [Title/Abstract] OR "skill*" [Title/Abstract] OR "performance" [Title/Abstract] OR "capacit*" [Title/Abstract] OR "abilit*" [Title/Abstract] OR "role*" [Title/Abstract])

Filters: Humans, English, Publication dates from 2016 to 2025

EMBASE

('nurse' /exp OR nurs*:ti,ab OR nurse*:ti,ab) AND ('clinical deterioration' /exp OR 'clinical deterioration':ti,ab OR (patient*:ti,ab AND deteriorat*:ti,ab)) AND (inhospital:ti,ab OR 'general ward':ti,ab) AND ('attitude' /exp OR 'clinical competence' /exp OR 'perception' /exp OR attitude:ti,ab OR sentiment*:ti,ab OR opinion*:ti,ab OR 'recognition, psychology':ti,ab OR 'psychological recognition':ti,ab OR respon*:ti,ab OR escalation:ti,ab OR OR management:ti,ab OR perception:ti,ab OR 'processing sensory':ti,ab OR aptitude:ti,ab OR abilit*:ti,ab OR capacity:ti,ab OR role:ti,ab OR performance:ti,ab OR 'clinical competence':ti,ab OR 'clinical skill':ti,ab)

Filters: Humans, English language, 2016–2025.

CINAHL

(MH "Nurses" OR TI nurs* OR AB nurs*) AND (MH "Clinical Deterioration" OR TI "clinical deterioration" OR AB "clinical deterioration" OR TI (patient* AND deteriorat*) OR AB (patient* AND deteriorat*)) AND (TI inhospital OR AB inhospital OR TI "general ward" OR AB "general ward") AND (MH "Attitude" OR TI attitude OR AB attitude OR TI sentiment* OR AB sentiment* OR TI opinion* OR AB opinion* OR TI respon* OR AB respon* OR TI escalation OR AB escalation OR TI management OR AB management OR MH "Perception" OR TI perception OR AB perception OR MH "Aptitude" OR TI aptitude OR AB aptitude OR TI abilit* OR AB abilit* OR TI capacity OR AB capacity OR TI role OR AB role OR TI performance OR AB performance OR MH "Clinical Competence" OR TI "clinical competence" OR AB "clinical competence" OR TI "clinical skill*" OR AB "clinical skill*")

Filters: Humans, English language, 2016–2025

Cochrane

(MeSH descriptor: [Nurses] OR nurs*:ti,ab,kw) AND (MeSH descriptor: [Clinical Deterioration] OR "clinical deterioration":ti,ab,kw OR (patient*:ti,ab,kw AND deteriorat*:ti,ab,kw)) AND (inhospital:ti,ab,kw OR "general ward":ti,ab,kw) AND (MeSH descriptor: [Attitude] OR MeSH descriptor: [Clinical Competence] OR MeSH descriptor: [Perception] OR MeSH descriptor: [Aptitude] OR attitude:ti,ab,kw OR sentiment*:ti,ab,kw OR opinion*:ti,ab,kw OR "recognition, psychology":ti,ab,kw OR "psychological recognition":ti,ab,kw OR respon*:ti,ab,kw OR escalation:ti,ab,kw OR management:ti,ab,kw OR perception:ti,ab,kw OR "processing sensory":ti,ab,kw OR aptitude:ti,ab,kw OR abilit*:ti,ab,kw OR capacity:ti,ab,kw OR role:ti,ab,kw OR performance:ti,ab,kw OR "clinical competence":ti,ab,kw OR "clinical skill*":ti,ab,kw)

Filters: English language and studies between 2016–2025

Scopus

TITLE-ABS-KEY (nurse* OR nurs*) AND TITLE-ABS-KEY ("clinical deterioration" OR (patient* AND deteriorat*)) AND TITLE-ABS-KEY (inhospital OR "general ward") AND TITLE-ABS-KEY (attitude OR sentiment* OR opinion* OR "recognition, psychology" OR "psychological recognition" OR respon* OR escalation OR management OR perception OR "processing sensory" OR aptitude OR abilit* OR capacity OR role OR performance OR "clinical competence" OR "clinical skill*")

Filters: English language and studies between 2016–2025

Web of Science

TS=(nurse* OR nurs*) AND TS=(("clinical deterioration" OR (patient* AND deteriorat*)) AND TS=(inhospital OR "general ward") AND TS=(attitude OR sentiment* OR opinion* OR "recognition, psychology" OR "psychological recognition" OR respon* OR escalation OR management OR perception OR "processing sensory" OR aptitude OR abilit* OR capacity OR role OR performance OR "clinical competence" OR "clinical skill*")

Filters: English language and studies between 2016–2025