Search Coverage

PubMed and Education Resources Information Center (ERIC) via ProQuest were searched on 10 August 2026 without a lower date limit. English-language eligibility was assessed at screening. Google Scholar was used supplementarily (the first 100 relevance-ranked results per strategy); no included source was located solely through Google Scholar.

Core Search Strategies

PubMed Search A (68 records): ("health information management"[Title/Abstract] OR "health information technology"[Title/Abstract] OR "health informatics"[Title/Abstract] OR "medical informatics"[Title/Abstract] OR "health information science"[Title/Abstract]) AND (internship[Title/Abstract] OR internships[Title/Abstract] OR practicum[Title/Abstract] OR practicums[Title/Abstract] OR "professional practice experience"[Title/Abstract] OR "work-integrated learning"[Title/Abstract] OR placement[Title/Abstract] OR placements[Title/Abstract]).

PubMed Search B (19 records): Search A AND (mentor*[Title/Abstract] OR supervis*[Title/Abstract] OR preceptor*[Title/Abstract] OR guidance[Title/Abstract] OR feedback[Title/Abstract]).

ERIC Search A (12 records): NOFT("health information management" OR "health informatics" OR "medical informatics" OR "health information technology" OR "health information science") AND NOFT(internship* OR practicum* OR placement* OR "work-integrated learning" OR "professional practice experience" OR "field experience").

ERIC Search B (4 records): Search A AND NOFT(mentor* OR supervis* OR preceptor* OR guidance OR feedback). NOFT covered metadata other than full text; no optional SU descriptor line was executed.

Google Scholar A/B: A: ("health information management" OR "health informatics" OR "medical informatics") (internship OR practicum OR "student placement" OR "work-integrated learning"). B: ("health information management" OR "health informatics" OR "medical informatics") (internship OR practicum OR placement) (mentorship OR supervision OR preceptorship).

Retrieval, Audit, and Provenance

Record flow: PubMed (68) and ERIC (12) Search A records yielded 80 screened records and 22 database-source inclusions (20 PubMed; 2 ERIC). Two additional competency-search sources, 14 reference-list/hand-search sources, and two authoritative contextual sources completed the 40-reference evidence base. The earlier archived ledger had 37 references; the final set includes Barefield and two authoritative contextual sources.

PubMed A/B audit: All 20 included PubMed sources were retrieved by Search A; nine were also retrieved by B (PMIDs: 39691062, 16685339, 40975771, 40803121, 38279535, 10144141, 36035328, 42465626, 42389233). Eleven were missed by B (55%; PMIDs: 15460769, 28875059, 39984926, 38491491, 33596593, 40420102, 39142641, 38270011, 39176495, 38662767, 42491826). Identifier-restricted verification reproduced the nine B-positive records; this check was not a rerun of the historical full searches.

ERIC audit: f 12 Search A records, Simba et al. (EJ1505965; A only) and Barefield et al. (EJ909898; A and B) were included; the remaining ten were excluded on publication-type, population, or relevance grounds. All four B records were in A.

Additional routes and verification. The supplementary PubMed competency search located Hayavi-Haghighi and Emekli; its complete Boolean string was not retained. Hand-searching and reference

chaining also supplied conceptual, professional-standard, and governance references. Yusuf Popoola initially assessed eligibility; Jacob Kehinde Opele independently assessed all screened records before viewing those decisions. Agreement was complete.

Interpretation Note

The Search B support-term block narrowed sensitivity and was not an independent eligibility test. Historical search yields are documented from the original exports; the final identifier-restricted check corroborates included-study membership but does not establish retrieval beyond the documented strategies.