

Appendix A

Appendix 1: Medline Ovid search terms

(performance* OR "work performance*" OR "performance at work" OR "job performance*" OR
"performance*, analysis" OR task OR "task performance*" OR "task performance, analysis" OR
"effectiveness" OR "authenticity" OR "impact" OR "outcome") AND
("Simulated patient*" OR "patient simulation*" OR "standardised patient*" OR "SPs") AND
("Simulation based training*" OR "simulation training" OR "clinical simulation" OR "healthcare
simulation" OR "medical training simulation")

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Appendix B11 *Appendix 2: Quality assessment tool (QATSDD) scores for reviewed papers*

Author	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Item 8	Item 9	Item 10	Item 11	Item 12	Item 13	Item 14	Item 15	Item 16	Total Score	Score (%)
Newlin-Canzone, et al 2013 ⁽²⁴⁾	3	2	2	3	2	2	1	2	3	3	N/A	2	3	N/A	1	2	31	74
Simmenroth-Nayda A, et al 2016 ⁽³⁸⁾	0	3	2	3	2	2	3	2	N/A	N/A	2	N/A	3	3	1	3	29	74
Schlegel C, et al 2016 ⁽³⁹⁾	0	3	3	3	2	3	3	3	N/A	N/A	2	N/A	3	3	0	2	30	77
Thompson J, et al 2017 ⁽⁴⁰⁾	2	3	3	3	2	3	3	2	N/A	N/A	3	N/A	3	3	0	2	32	82
Block L, et al 2018 ⁽⁴¹⁾	2	2	3	3	2	3	3	2	N/A	N/A	3	N/A	3	3	2	3	34	87
Pritchard SA, et al 2020 ⁽⁴²⁾	3	2	3	3	2	3	3	3	N/A	N/A	3	N/A	3	3	3	3	37	95
Gamble A, et al., 2021 ⁽⁴³⁾	0	3	3	3	2	3	3	2	N/A	N/A	3	N/A	3	3	1	3	32	82
McKinley M, et al., 2022 ⁽⁴⁴⁾	0	3	3	3	3	3	3	2	N/A	N/A	3	N/A	3	3	0	2	31	79
Dickinson KJ et al., 2022 ⁽⁴⁵⁾	1	3	3	1	3	3	3	2	N/A	N/A	3	N/A	3	3	1	2	31	79
Lovink A, et al., 2024 ⁽⁴⁶⁾	0	2	3	3	2	3	3	2	N/A	N/A	3	N/A	3	3	1	3	31	79
George RE, et al., 2022 ⁽⁴⁸⁾	2	3	2	3	3	3	3	3	N/A	N/A	3	N/A	3	3	0	2	33	85

Bashir NB & Folorunsho EF 2023 ⁽⁴⁷⁾	0	3	3	3	2	3	3	2	N/A	N/A	3	N/A	2	3	0	2	29	74
McLean et al, 2015 ⁽⁴⁹⁾	3	2	3	3	3	3	2	2	N/A	N/A	3	N/A	3	3	0	3	33	85
Ceccolini et al, 2024 ⁽⁵⁰⁾	0	3	3	3	3	3	3	2	1	2	2	1	1	1	0	2	30	63
Van et al., 2024 ⁽⁵¹⁾	0	2	3	3	3	3	3	2	3	3	3	2	2	2	2	2	38	79
Codron et al., 2024 ⁽⁵²⁾	0	2	3	3	3	3	3	1	2	2		2	1		0	1	26	62
Erci et al., 2023 ⁽⁵³⁾	0	3	3	3	3	3	1	2	N/A	N/A	3	N/A	2	3	0	2	28	72
Starr et al., 2021 ⁽⁵⁴⁾	3	3	3	3	3	3	3	3	N/A	N/A	3	N/A	3	3	2	2	37	95
Lovink et al., 2021 ⁽⁵⁵⁾	0	3	3	2	2	3	1	3	N/A	N/A	3	N/A	3	3	0	2	28	72

12 ***QATSDD Criteria:** (1) theoretical framework; (2) aims/objectives; (3) description of research setting; (4) sample size; (5) representative sample of
13 target group, (6) procedure for data collection; (7) rationale for choice of data collection tool(s); (8) detailed recruitment data; (9) statistical
14 assessment (quantitative studies only); (10) fit between research question and method of data collection (Quantitative only); (11) fit between
15 research question and format and content of data collection method (Qualitative only); (12) fit between research question and method of analysis
16 (Qualitative studies only); (13) good justification for analytical method selected; (14) reliability of analytical process (Qualitative only); (15) evidence
17 of user involvement in design; (16) strengths and limitations; 0=not at all; 1=very slightly; 2=moderately; 3=complete; N/A=not applicable

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