**Appendix A. Keyword Searches and Boolean Operators**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Databases | Search terms | | | | | | | |
| CINAHL Complete Academic Search Complete  AMED  British Education Index  ERIC  MEDLINE PsycARTICLES PsycINFO  Maternity and Infant Care  INTERMID  American Doctoral Dissertations | Simulation | | AND |  | | | AND | Mannequin |
| OR | | Fidelity | | | OR |
| Simulating | |  | | | Manikin |
| OR | |  | | | OR |
| Simulate | |  | | | Doll |
|  | |  | | | OR |
|  | |  | | | Dummy |
|  | |  | | | OR |
|  | |  | | | Phantom |
|  | |  | | | OR |
|  | |  | | | Task trainer |
|  | |  | | | OR |
|  | |  | | | Patient simulator |
|  | |  | | | OR |
|  | |  | | | Anat\* model |
| Google Scholar | Simulation | | AND | Healthcare | | | AND | \* same as above |
| AND | | OR | | |
| Fidelity | | Health Care | | |
| AND | |
| Compar\* | |
| NOT | Engineering; Aeronautics; Helicopter; Flight; Robot; Resident\* Surgeon\* | | | | | | |
| ETHOS  ISRCTN Register  ClinicalTrials.gov | Simulation | | | | AND | Fidelity | | |

All searches were conducted for keywords occurring anywhere in the article with no date limits specified. Further details available on request.