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| **Literature Search** | | |  |
| **No.** | **Purpose** | **Search Terms** | **No. of Results** |
| **1** | *Population Keywords*  *(MEDICAL STUDENTS)* | *Medical Student$.tw OR Student Doctor$.tw OR Medical School.tw OR Undergraduate Doctor$.tw OR Undergraduate Medical Education.tw OR Medical Education.tw OR Training.tw OR Undergraduate.tw OR Student Physicians.tw* | 664040 |
| **2** | *Population MESH* | *exp Medical Education/ OR exp Education/* | *1569232* |
| **3** | *Intervention Keywords*  *(SIMULATION)* | *Simulat$.tw OR Manikin$.tw OR Moulage.tw OR Mannequin.tw* | 586126 |
| **4** | *Intervention MESH* | *exp Simulation/ OR exp Computer Simulation/ OR exp Disease Simulation/ OR exp Simulator/ OR exp Simulation Model/* | 309712 |
| **5** | *Cochrane RCT filters* | *randomized controlled trial.pt. OR controlled clinical trial.pt. OR randomized.ab. OR placebo.ab. OR clinical trials as topic.sh. OR randomly.ab. OR trial.ti.* | 1662835 |
| **6** | *Cochrane RCT filters* | *exp animals/ not humans.sh.* | 22939900 |
| **7** | *Domain Area Keywords* | *Critical Care.tw OR Cardiopulmonary Resuscitation.tw OR Intensive Care.tw OR Resuscitation.tw OR Emergency Treatment.tw* | 314193 |
| **8** | *Domain Area MESH* | *exp Intensive Care/ OR exp Emergency Treatment/ OR exp Resuscitation/* | *618607* |
| **9** | *Population final* | *1 or 2* | 1950746 |
| **10** | *Intervention final* | *3 or 4* | 714768 |
| **11** | *Study Design final* | *5 not 6* | 927201 |
| **12** | *Domain Final* | *7 or 8* | 786969 |
| **13** | *Final Search* | *9 and 10 and 11 and 12* | 393 |
| **14** | *De-duplicate* | remove duplicates from 13 | 351 |
|  | | |  |

Search Date: 12/07/2013

Database: **AMED (Allied and Complementary Medicine)** 1985 to June 2013, [http://ovidsp.tx.ovid.com/sp-3.8.1a/gifs/dbinfo.gif](http://ovidsp.tx.ovid.com/sp-3.8.1a/ovidweb.cgi?&S=ENEKFPPHFPDDHEIHNCOKBHDCEPILAA00&Database+Field+Guide=4)**Embase** 1974 to 2013 June 11, [http://ovidsp.tx.ovid.com/sp-3.8.1a/gifs/dbinfo.gif](http://ovidsp.tx.ovid.com/sp-3.8.1a/ovidweb.cgi?&S=ENEKFPPHFPDDHEIHNCOKBHDCEPILAA00&Database+Field+Guide=5)**Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)** 1946 to Present

**No of Results: 351**

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| **Literature Search Plan – 14/06/2013 SEARCH G** | | |  | |
| **No.** | **Purpose** | **Search Terms** | **No. of Results** |
| **S1** | *Population Keywords*  *(MEDICAL STUDENTS)* | *Medical Student\* OR Student Doctor\* OR Medical School OR Undergraduate Doctor\* OR Undergraduate Medical Education OR Medical Education OR Training OR Undergraduate OR Student Physician\** | *299608* | |
| **S2** | *Population MESH* | *SU.EXACT.EXPLODE("Medicine") OR SU.EXACT.EXPLODE("Medical Students") OR SU.EXACT.EXPLODE("Medical Schools")* OR *SU.EXACT.EXPLODE("Medical education")* | *54765* | |
| **S3** | *Intervention Keywords*  *(SIMULATION)* | *Simulat\* OR Manikin\* OR Moulage\* OR Mannequin\** | *24914* | |
| **S4** | *Intervention MESH* | *SU.EXACT.EXPLODE("Simulated Environment") OR SU.EXACT.EXPLODE("Simulation") OR SU.EXACT.EXPLODE("Computer Simulation")* | *121572* | |
| **S5** | *Cochrane RCT filters* | *RTYPE(randomized controlled trial) OR RTYPE(controlled clinical trial) OR AB(randomized) OR AB(placebo) OR AB(randomly) OR TI(trial)* | *17583* | |
| **S6** | *Cochrane RCT filters* | *SU.EXACT.EXPLODE(“animals”) NOT human\** | *3376* | |
| **S7** | *Domain Area Keywords* | *Critical Care OR Cardiopulmonary Resuscitation OR Intensive Care OR Resuscitation OR Emergency Treatment* | *3696* | |
| **S8** | *Domain Area MESH* | *SU.EXACT.EXPLODE(“cardiopulmonary Resuscitation”)* | *1708* | |
| **S9** | *Population final* | *S1 or S2* | *328488* | |
| **S10** | *Intervention final* | *S3 or S4* | *128430* | |
| **S11** | *Study Design final* | *S5 not S6* | *17543* | |
| **S12** | *Domain Final* | *S7 or S8* | *5458* | |
| **S13** | *Final Search* | *S9 and S10 and S11 and S12* | *10* | |
|  | | |  | |

Search Date: 12/07/2013

**Databases:** Australian Education Index,British Education Index,ERIC

No of Results: 10