Supplementary Digital Content 4 **Database Search Strategies**

Database(s): **CAB Abstracts (Ebsco)**from inception to April 14, 2023

Search Strategy:

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| **#** | **Searches** | **Results** |
| 1 | DE "veterinary education" OR DE "continuing education" | 6,744 |
| 2 | TI ( (veterinar\* N2 (student\* or undergraduate\* or graduate\* or intern\* or clerk\* or fellow\* or residen\* or professional\* or clinician\* or practitioner\*)) OR (education or learning or training or skill\* or "professional development" or course\* or CE or CME or CPD) ) OR AB ( (veterinar\* N2 (student\* or undergraduate\* or graduate\* or intern\* or clerk\* or fellow\* or residen\* or professional\* or clinician\* or practitioner\*)) OR (education or learning or training or skill\* or "professional development" or course\* or CE or CME or CPD) ) | 458,645 |
| 3 | S1 OR S2 | 460,642 |
| 4 | DE "simulation" OR DE "computer simulation" | 65,399 |
| 5 | TI ( simulat\* or "virtual reality" or "augmented reality" or "mixed reality" or CPR or resuscitation or "surg\* skill\*" or "procedur\* skill\*" or "procedur\* knowledge" ) OR AB ( simulat\* or "virtual reality" or "augmented reality" or "mixed reality" or CPR or resuscitation or "surg\* skill\*" or "procedur\* skill\*" or "procedur\* knowledge" ) | 270,044 |
| 6 | S4 OR S5 | 277,027 |
| 7 | TI ( "spaced training" or "spaced practice" or "spaced learning" or "distributed training" or "distributed practice" or "distributed learning" or "just-in-time" or "just-in-place" or refresher\* or warm?up or bolus or massed or refresher\* or boost\* or (skill\* n2 maint\*)) OR AB ( "spaced training" or "spaced practice" or "spaced learning" or "distributed training" or "distributed practice" or "distributed learning" or "just-in-time" or "just-in-place" or refresher\* or warm?up or bolus or massed or boost\* or (skill\* n2 maint\*)) | 40,047 |
| 8 | S3 AND S6 AND S7 | 201 |