

## Appendix 1. Scoping Review Search Strategy for Each Database

### **CAB Abstracts:**

exp veterinary medicine/ or exp veterinary education/ or exp veterinary profession/ or exp veterinary practice/ or exp veterinary science/ or exp veterinary services/ or exp veterinarians/ or exp pet care/ or exp small animal practice/ or exp large animal practice/ or (vet or vets or veterinar\*).mp

AND

exp decision making/ or exp communication/ or exp communication skills/ or exp customer relations/ or exp relationships/ or exp conflict/ or exp cooperation/ or (decision\* or "decision mak\*" or decision-mak\* or SDM or decid\* or choice\* or communicat\* or discuss\* or conversation\* or "collaborative care" or "relationship cent\$red" or "relationship-cent\$red" or "patient cent\$red" or "patient-cent\$red" or "bad news" or "break\* bad news" or "deliver\* bad news" or "goal\* of care" or "client cent\$red" or "client-cent\$red" or "bond cent\$red" or "consensus based").mp

AND

exp models/ or exp guidelines/ or exp guidance/ or exp tools/ or exp checklists/ or (model\* or guid\* or framework\* or plan or plans or instruction\* or advice or advis\* or process\* or tool\* or apparatus or mechanism\* or approach\*).mp

AND

exp euthanasia/ or (euthan\* or "end of life" or EOL or "put\* to sleep" or "put\* down" or "assist\* death" or "humane\* destr\*" or "mercy kill\*" or end-of-life or "advanced care plan\*" or palliative\* or palliation\* or (critical\* adj3 ill\*) or (serious\* adj3 ill\*) or (terminal\* adj3 ill\*) or (terminal\* adj3 disease\*) or (critical\* adj3 disease\*) or (serious\* adj3 disease\*) or "life threatening" or life-threatening or "rare disease\*" or empath\* or "comfort care").mp

### **MEDLINE:**

exp Randomized Controlled Trial, Veterinary/ or exp Clinical Trial, Veterinary/ or exp Observational Study, Veterinary/ or exp Veterinary Medicine/ or exp Education, Veterinary/ or exp Veterinarians/ or (vet or vets or veterinar\*).mp

AND

exp Decision Trees/ or exp Clinical Decision-Making/ or exp Decision Support Techniques/ or exp Decision Making/ or exp Decision Making, Shared/ or exp Health Communication/ or exp Teach-Back Communication/ or exp Communication/ or exp Nonverbal Communication/ or exp Persuasive Communication/ or exp Communication Barriers/ or exp Physician-Patient Relations/ or exp Patient-Centered Care/ or exp Nurse-Patient Relations/ or exp Professional-Patient Relations/ or exp Patient Satisfaction/ or exp Cooperative Behavior/ or (decision\* or "decision mak\*" or decision-mak\* or SDM or decid\* or choice\* or communicat\* or discuss\* or conversation\* or "collaborative care" or "relationship cent\$red" or "relationship-cent\$red" or "patient cent\$red" or "patient-cent\$red" or

"bad news" or "break\* bad news" or "deliver\* bad news" or "goal\* of care" or "client cent\$red" or "client-cent\$red" or "bond cent\$red" or "consensus based").mp

AND

exp Models, Theoretical/ or exp Practice Guideline/ or exp Guideline/ or exp Checklist/ or (model\* or guid\* or framework\* or plan or plans or instruction\* or advice or advis\* or process\* or tool\* or apparatus or mechanism\* or approach\* or checklist\*).mp

AND

exp Euthanasia/ or exp Euthanasia, Animal/ or exp Euthanasia, Involuntary/ or exp Palliative Care/ or exp Palliative Medicine/ or exp Terminal Care/ or exp Advance Care Planning/ or exp Patient Care Planning/ or exp Critical Illness/ or exp Rare Diseases/ or exp Empathy/ or (euthan\* or "end of life" or EOL or "put\* to sleep" or "put\* down" or "assist\* death" or "humane\* destr\*" or "mercy kill\*" or end-of-life or "advanced care plan\*" or palliative\* or palliation\* or (critical\* adj3 ill\*) or (serious\* adj3 ill\*) or (terminal\* adj3 ill\*) or (terminal\* adj3 disease\*) or (critical\* adj3 disease\*) or (serious\* adj3 disease\*) or "life threatening" or life-threatening or "rare disease\*" or empath\* or "comfort care").mp

#### **Embase:**

exp veterinary medicine/ or exp veterinarian/ or exp animal care/ or exp Veterinary/ or (vet or vets or veterinar\*).mp

AND

exp "decision tree"/ or exp ethical decision making/ or exp clinical decision making/ or exp decision making/ or exp medical decision making/ or exp shared decision making/ or exp patient decision making/ or exp interpersonal communication/ or exp conversation/ or exp interspecific relationship/ or exp nurse patient relationship/ or exp professional-patient relationship/ or exp doctor patient relationship/ or exp doctor patient relation/ exp conflict/ or exp communication skill/ or exp cooperation/ (decision\* or "decision mak\*" or decision-mak\* or SDM or decid\* or choice\* or communicat\* or discuss\* or conversation\* or "collaborative care" or "relationship cent\$red" or "relationship-cent\$red" or "patient cent\$red" or "patient-cent\$red" or "bad news" or "break\* bad news" or "deliver\* bad news" or "goal\* of care" or "client cent\$red" or "client-cent\$red" or "bond cent\$red" or "consensus based").mp

AND

exp educational model/ or exp Health Belief Model/ or exp structural model/ or exp model/ or exp Health Promotion Model/ or exp theoretical model/ or exp conceptual model/ or exp practice guideline/ or exp patient guidance/ or exp checklist/ or exp conceptual framework/ or (model\* or guid\* or framework\* or plan or plans or instruction\* or advice or advis\* or process\* or tool\* or apparatus or mechanism\* or approach\* or checklist\*).mp

AND

exp animal euthanasia/ or exp involuntary euthanasia/ or exp euthanasia/ or exp palliative nursing/ or exp palliative therapy/ or exp terminal disease/ or exp terminal care/ or exp health care planning/

or exp advance care planning/ or exp critical illness/ exp rare disease/ or exp empathy/ or (euthan\* or "end of life" or EOL or "put\* to sleep" or "put\* down" or "assist\* death" or "humane\* destr\*" or "mercy kill\*" or end-of-life or "advanced care plan\*" or palliative\* or palliation\* or (critical\* adj3 ill\*) or (serious\* adj3 ill\*) or (terminal\* adj3 ill\*) or (terminal\* adj3 disease\*) or (critical\* adj3 disease\*) or (serious\* adj3 disease\*) or "life threatening" or life-threatening or "rare disease\*" or empath\* or "comfort care").mp

### **Web of Science:**

TS=(vet or vets or veterinar\*)

AND

TS=(decision\* or "decision mak\*" or decision-mak\* or SDM or decid\* or choice\* or communicat\* or discuss\* or conversation\* or conflict\* or "collaborative care" or "relationship cent\$red" or "relationship-cent\$red" or "patient cent\$red" or "patient-cent\$red" or "bad news" or "break\* bad news" or "deliver\* bad news" or "goal\* of care" or "client cent\$red" or "client-cent\$red" or "bond cent\$red" or "consensus based")

AND

TS=(model\* or guid\* or framework\* or plan or plans or instruction\* or advice or advis\* or process\* or tool\* or apparatus or mechanism\* or checklist\* or approach\*)

AND

TS=(euthan\* or "end of life" or EOL or "put\* to sleep" or "put\* down" or "assist\* death" or "humane\* destr\*" or "mercy kill\*" or end-of-life or "advanced care plan\*" or palliative\* or palliation\* or (critical\* ADJ3 ill\*) or (serious\* ADJ3 ill\*) or (terminal\* ADJ3 ill\*) or (terminal\* ADJ3 disease\*) or (critical\* ADJ3 disease\*) or (serious\* ADJ3 disease\*) or "life threatening" or life-threatening or "rare disease\*" or empath\* or "comfort care")

### **Scopus:**

( TITLE-ABS-KEY ( vet OR vets OR veterinar\* ) )

AND

( TITLE-ABS-KEY ( decision\* OR "decision mak\*" OR decision-mak\* OR sdm OR decid\* OR choice\* OR communicat\* OR discuss\* OR conversation\* OR conflict\* OR "collaborative care" OR "relationship cent\*red" OR "relationship-cent\*red" OR "patient cent\*red" OR "patient-cent\*red" OR "bad news" OR "break\* bad news" OR "deliver\* bad news" OR "goal\* of care" OR "client cent\*red" OR "client-cent\*red" OR "bond cent\*red" OR "consensus based" ) )

AND

( TITLEABS-KEY ( model\* OR guid\* OR framework\* OR plan OR plans OR instruction\* OR advice OR advis\* OR process\* OR tool\* OR apparatus OR mechanism\* OR checklist\* OR approach\* ) )

AND

( TITLE-ABS-KEY ( euthan\* OR "end of life" OR eol OR "put\* to sleep" OR "put\* down" OR "assist\* death" OR "humane\* destr\*" OR "mercy kill\*" OR end-of-life OR "advanced care plan\*" OR palliative\* OR palliation\* OR ( critical\* W/3 ill\* ) OR ( serious\* W/3 ill\* ) OR ( terminal\* W/3 ill\* ) OR ( terminal\* W/3 disease\* ) OR ( critical\* W/3 disease\* ) OR ( serious\* W/3 disease\* ) OR "life threatening" OR life-threatening OR "rare disease\*" OR empath\* OR "comfort care" ) )

#### PubMed:

("veterinarians"[MeSH Major Topic] OR "veterinarians/ethics"[MeSH Major Topic] OR "veterinarians/psychology"[MeSH Major Topic] OR "veterinarians/standards"[MeSH Major Topic] OR "veterinary medicine"[MeSH Major Topic] OR "veterinary medicine/education"[MeSH Major Topic] OR "veterinary medicine/ethics"[MeSH Major Topic] OR "veterinary medicine/surgery"[MeSH Major Topic] OR "veterinary medicine/therapy"[MeSH Major Topic]) OR (vet[Title/Abstract] OR vets[Title/Abstract] OR veterinar\*[Title/Abstract])

AND

(((((("decision making"[MeSH Major Topic] OR "decision making, shared"[MeSH Major Topic] OR "decision making, shared/ethics"[MeSH Major Topic] OR "decision making/education"[MeSH Major Topic] OR "decision making/ethics"[MeSH Major Topic] OR "decision making/methods"[MeSH Major Topic] OR "decision making/psychology"[MeSH Major Topic] OR "decision trees"[MeSH Major Topic] OR "decision trees/methods"[MeSH Major Topic]) OR ("communication"[MeSH Major Topic] OR "communication barriers"[MeSH Major Topic] OR "communication methods, total"[MeSH Major Topic] OR "communication/diagnosis"[MeSH Major Topic] OR "communication/complications"[MeSH Major Topic] OR "communication/education"[MeSH Major Topic] OR "communication/ethics"[MeSH Major Topic] OR "communication/methods"[MeSH Major Topic] OR "communication/psychology"[MeSH Major Topic] OR "communication/standards"[MeSH Major Topic])) OR ("conflict of interest"[MeSH Major Topic] OR "conflict of interest/ethics"[MeSH Major Topic] OR "conflict, psychological"[MeSH Major Topic])) OR ("patient centered care"[MeSH Major Topic] OR "patient centered care/ethics"[MeSH Major Topic] OR "patient centered care/methods"[MeSH Major Topic])) OR (decision\*[Title/Abstract] OR "decision mak\*" [Title/Abstract] OR decision-mak\*[Title/Abstract] OR SDM[Title/Abstract] OR decid\*[Title/Abstract] OR choice\*[Title/Abstract] OR communicat\*[Title/Abstract] OR discuss\*[Title/Abstract] OR conversation\*[Title/Abstract] OR conflict\*[Title/Abstract] OR "collaborative care"[Title/Abstract] OR "relationship centred"[Title/Abstract] OR "relationship centered"[Title/Abstract] OR "patient centred"[Title/Abstract] OR "patient centered"[Title/Abstract] OR "bad news"[Title/Abstract] OR "break\* bad news"[Title/Abstract] OR "deliver\* bad news"[Title/Abstract] OR "goal\* of care"[Title/Abstract] OR "client centred"[Title/Abstract] OR "client centered"[Title/Abstract])) ) ) OR ("bond centred"[Title/Abstract])) OR ("bond centered"[Title/Abstract])) OR ("consensus based"[Title/Abstract]))

AND

((("guidelines as topic"[MeSH Major Topic]) OR ("checklist"[MeSH Major Topic] OR "checklist/ethics"[MeSH Major Topic])) OR (model\*[Title/Abstract] OR guid\*[Title/Abstract] OR framework\*[Title/Abstract] OR plan[Title/Abstract] OR plans[Title/Abstract] OR

instruction\*[Title/Abstract] OR advice[Title/Abstract] OR advis\*[Title/Abstract] OR  
process\*[Title/Abstract] OR tool\*[Title/Abstract] OR apparatus[Title/Abstract] OR  
mechanism\*[Title/Abstract] OR checklist\*[Title/Abstract])) OR (Approach\*[Title/Abstract])

AND

(((((("euthanasia"[MeSH Major Topic] OR "euthanasia, animal"[MeSH Major Topic] OR  
"euthanasia, animal/ethics"[MeSH Major Topic] OR "euthanasia, animal/history"[MeSH Major Topic]  
OR "euthanasia/ethics"[MeSH Major Topic] OR "euthanasia/veterinary"[MeSH Major Topic]) OR  
("palliative care"[MeSH Major Topic] OR "palliative care/ethics"[MeSH Major Topic] OR "palliative  
care/adverse effects"[MeSH Major Topic] OR "palliative care/nursing"[MeSH Major Topic] OR  
"palliative care/therapy"[MeSH Major Topic] OR "palliative care/veterinary"[MeSH Major Topic] OR  
"palliative medicine"[MeSH Major Topic])) OR ("terminal care"[MeSH Major Topic] OR "terminal  
care/ethics"[MeSH Major Topic] OR "terminal care/nursing"[MeSH Major Topic] OR "terminal  
care/veterinary"[MeSH Major Topic] OR "terminal care/therapy"[MeSH Major Topic])) OR ("critical  
care"[MeSH Major Topic] OR "critical care nursing" [MeSH Major Topic] OR "critical care  
nursing/ethics"[MeSH Major Topic] OR "critical care/ethics"[MeSH Major Topic] OR "critical  
care/veterinary"[MeSH Major Topic] OR "critical illness"[MeSH Major Topic]) OR  
euthan\*[Title/Abstract] OR "end of life"[Title/Abstract] OR EOL[Title/Abstract] OR "put\* to  
sleep"[Title/Abstract] OR "put\* down"[Title/Abstract] OR "assist\* death"[Title/Abstract] OR  
"humane\* destr\*"[Title/Abstract] OR "mercy kill\*"[Title/Abstract] OR end-of-life[Title/Abstract] OR  
"advanced care plan\*"[Title/Abstract] OR palliative\*[Title/Abstract] OR "critical\* ill\*"[Title/Abstract]  
OR "serious\* ill\*"[Title/Abstract] OR "terminal\* ill\*"[Title/Abstract] OR "terminal\*  
disease\*"[Title/Abstract] OR "critical\* disease\*" [Title/Abstract] OR "serious\*  
disease\*"[Title/Abstract] OR "life threatening"[Title/Abstract] OR life-threatening[Title/Abstract]) ) )  
OR ("rare diseases"[MeSH Major Topic]) OR ("empathy"[MeSH Major Topic] OR  
"empathy/ethics"[MeSH Major Topic]) OR ("rare disease\*"[Title/Abstract]) OR  
(empath\*[Title/Abstract]) ) OR (palliation[Title/Abstract]) OR ("comfort care"[Title/Abstract])