**Appendix – Search Strategies**

Librarian searcher: Sarah Cantrell, MLIS; Duke University Medical Center Library & Archives, Duke University School of Medicine

Peer-review of search conducted by: Leila Ledbetter, MSLS; Duke University Medical Center Library & Archives, Duke University School of Medicine

**Database: MEDLINE (via Ovid)**  
Search date: 5/16/2024  
Note: Ovid MEDLINE® ALL 1946 to May 15, 2024

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| **Search Set + Description** | **Search Strategy** | **Results** |
| #1  *CPR terms* | cardiopulmonary resuscitation/ or exp advanced cardiac life support/ or exp resuscitation orders/ or (resuscitat\* OR CPR OR "code blue" OR ACLS OR "advanced cardiovascular life support" OR BLS OR "basic cardiac life support" OR PALS OR "pediatric advanced life support" OR ATLS OR "advanced trauma life support").ti,ab. OR ((code OR codes) adj (call OR calls OR calling OR called OR run OR runs OR running OR ran OR terminat\* or cessation OR cease OR ceasing OR ceases OR ceased OR stop OR stops OR stopped OR stopping OR duration OR time OR timing)).ti,ab. | 97478 |
| #2  *Termination / ethics terms* | exp medical futility/ or exp withholding treatment/ or ethics, medical/ or morals/ or exp conscience/ or ethics/ or exp bioethical issues/ or exp bioethics/ or exp codes of ethics/ or exp complicity/ or exp conflict of interest/ or exp ethical analysis/ or exp ethical relativism/ or exp ethical review/ or exp ethical theory/ or exp ethicists/ or exp ethics committees/ or exp ethics, business/ or exp ethics, institutional/ or ethics, professional/ or exp ethics, clinical/ or exp ethics, research/ or exp moral status/ or exp principle-based ethics/ or exp professional misconduct/ or (terminat\* OR futil\* or non-beneficial OR nonbeneficial OR unbeneficial OR un-beneficial OR ethic or ethics or ethical or ethically or ethicist or ethicists or bioethics or bioethical or bioethically or bioethicist or bioethicists or conscience or conscientious or conscientiously or "conflict of interest" or "conflicts of interest" or complicit or complicity or complicitness or "hippocratic oath" or "professional responsibility" or "professional responsibilities" or "professional misconduct" or moral or morals or morally or morality or integrity or immoral or immorality or legal or legality or legally or illegal or illegality or illegally or liable or liability).ti,ab. OR ((withhold\* OR withheld) adj2 (treat\* OR therap\* OR "life support")).ti,ab. OR ((discontinu\* OR ceas\* OR stop\* OR withdraw\* OR withdrew) adj2 "life support").ti,ab. | 730084 |
| #3 | 1 and 2 | 6482 |
| #4 | 3 and English.lg. | 5929 |
| #5 | 4 not (congress).pt. | 5925 |
| #6 | 5 not (exp animals/ not exp humans/) | 5658 |
| #7 | 6 not (rat or rats or rodentia or mouse or mice or murine or porcine or pig or pigs or canine or canines or dog or dogs or feline or felines or cat or cats or rabbit or rabbits OR leporiade OR lagomorpha OR animal OR animal OR cow OR cows OR bovine OR horse OR horses OR equine OR veterinar\* OR heifer OR heifers).ti,ab. | 5555 |
| *Exemplar Check* | 7 and (32171233 OR 28562463 OR 28359288 OR 25249374 OR 9305432).ui. | 5/5 |

**Database: Embase (via Elsevier)**  
Search date: 5/16/2024  
Note: search from Results page

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| **Search Set + Description** | **Search Strategy** | **Results** |
| #1  *CPR terms* | 'resuscitation'/exp OR 'advanced cardiac life support'/exp OR (resuscitat\* OR CPR OR 'code blue' OR ACLS OR 'advanced cardiovascular life support' OR BLS OR 'basic cardiac life support' OR PALS OR 'pediatric advanced life support' OR ATLS OR 'advanced trauma life support'):ti,ab OR ((code OR codes) NEAR/1 (call OR calls OR calling OR called OR run OR runs OR running OR ran OR terminat\* OR cessation OR cease OR ceasing OR ceases OR ceased OR stop OR stops OR stopped OR stopping OR duration OR time OR timing)):ti,ab | 203117 |
| #2  *Termination / ethics terms* | 'treatment withdrawal'/de OR 'medical ethics'/exp OR 'bioethics'/exp OR 'complicity'/exp OR 'ethics'/exp OR 'moral hazard'/exp OR (terminat\* OR futil\* OR 'non-beneficial' OR nonbeneficial OR unbeneficial OR 'un-beneficial' OR ethic OR ethics OR ethical OR ethically OR ethicist OR ethicists OR bioethics OR bioethical OR bioethically OR bioethicist OR bioethicists OR conscience OR conscientious OR conscientiously OR 'conflict of interest' OR 'conflicts of interest' OR complicit OR complicity OR complicitness OR 'hippocratic oath' OR 'professional responsibility' OR 'professional responsibilities' OR 'professional misconduct' OR moral OR morals OR morally OR morality OR integrity OR immoral OR immorality OR legal OR legality OR legally OR illegal OR illegality OR illegally OR liable OR liability):ti,ab OR ((withhold\* OR withheld) NEAR/2 (treat\* OR therap\* OR 'life support')):ti,ab OR ((discontinu\* OR ceas\* OR stop\* OR withdraw\* OR withdrew) NEAR/2 'life support'):ti,ab | 1136672 |
| #3 | #1 AND #2 | 14473 |
| #4 | #3 AND [english]/lim | 13553 |
| #5 | #4 NOT ('book'/de OR 'conference paper'/exp OR [conference abstract]/lim OR 'conference abstract'/it OR (book OR chapter OR conference):it OR [conference paper]/lim OR [conference review]/lim OR (abstract OR annual OR conference OR congress OR meeting OR proceedings OR sessions OR symposium):nc) | 9303 |
| #6 | #5 AND [humans]/lim | 8312 |
| #7 | #6 NOT (rat OR rats OR rodentia OR mouse OR mice OR murine OR porcine OR pig OR pigs OR canine OR canines OR dog OR dogs OR feline OR felines OR cat OR cats OR rabbit OR rabbits OR leporiade OR lagomorpha OR animal OR animal OR cow OR cows OR bovine OR horse OR horses OR equine OR veterinar\* OR heifer OR heifers):ti,ab | 8214 |

**Database: CINAHL Complete (via EBSCO)**  
Search date: 5/16/2024

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| **Search Set + Description** | **Search Strategy** | **Results** |
| #1  *CPR terms* | (MH "Resuscitation, Cardiopulmonary+") OR (MH "Advanced Cardiac Life Support+") OR (MH "Pediatric Advanced Life Support") OR (MH "Resuscitation Orders") OR ((TI resuscitat\* OR AB resuscitat\*) OR (TI CPR OR AB CPR) OR (TI "code blue" OR AB "code blue") OR (TI ACLS OR AB ACLS) OR (TI "advanced cardiovascular life support" OR AB "advanced cardiovascular life support") OR (TI BLS OR AB BLS) OR (TI "basic cardiac life support" OR AB "basic cardiac life support") OR (TI PALS OR AB PALS) OR (TI "pediatric advanced life support" OR AB "pediatric advanced life support") OR (TI ATLS OR AB ATLS) OR (TI "advanced trauma life support" OR AB "advanced trauma life support")) OR (((TI code OR AB code) OR (TI codes OR AB codes)) N1 ((TI call OR AB call) OR (TI calls OR AB calls) OR (TI calling OR AB calling) OR (TI called OR AB called) OR (TI run OR AB run) OR (TI runs OR AB runs) OR (TI running OR AB running) OR (TI ran OR AB ran) OR (TI terminat\* OR AB terminat\*) OR (TI cessation OR AB cessation) OR (TI cease OR AB cease) OR (TI ceasing OR AB ceasing) OR (TI ceases OR AB ceases) OR (TI ceased OR AB ceased) OR (TI stop OR AB stop) OR (TI stops OR AB stops) OR (TI stopped OR AB stopped) OR (TI stopping OR AB stopping) OR (TI duration OR AB duration) OR (TI time OR AB time) OR (TI timing OR AB timing))) | 54528 |
| #2  *Termination / ethics terms* | (MH "Medical Futility") OR (MH "Treatment Withdrawal") OR MH "Morals+") OR (MH "Conscience") OR (MH "Decision Making, Ethical") OR (MH "Duty to Warn") OR (MH "Ethics Theory+") OR (MH "Bioethics") OR (MH "Codes of Ethics+") OR (MH "Ethics, Medical") OR (MH "Ethics, Nursing") OR (MH "Ethics+") OR (MH "Ethics Committees") OR (MH "Ethics, Professional+") OR (MH "Professional Misconduct+") OR ((TI terminat\* OR AB terminat\*) OR (TI futil\* OR AB futil\*) OR (TI non-beneficial OR AB non-beneficial) OR (TI nonbeneficial OR AB nonbeneficial) OR (TI unbeneficial OR AB unbeneficial) OR (TI un-beneficial OR AB un-beneficial) OR (TI ethic OR AB ethic) OR (TI ethics OR AB ethics) OR (TI ethical OR AB ethical) OR (TI ethically OR AB ethically) OR (TI ethicist OR AB ethicist) OR (TI ethicists OR AB ethicists) OR (TI bioethics OR AB bioethics) OR (TI bioethical OR AB bioethical) OR (TI bioethically OR AB bioethically) OR (TI bioethicist OR AB bioethicist) OR (TI bioethicists OR AB bioethicists) OR (TI conscience OR AB conscience) OR (TI conscientious OR AB conscientious) OR (TI conscientiously OR AB conscientiously) OR (TI "conflict of interest" OR AB "conflict of interest") OR (TI "conflicts of interest" OR AB "conflicts of interest") OR (TI complicit OR AB complicit) OR (TI complicity OR AB complicity) OR (TI complicitness OR AB complicitness) OR (TI "hippocratic oath" OR AB "hippocratic oath") OR (TI "professional responsibility" OR AB "professional responsibility") OR (TI "professional responsibilities" OR AB "professional responsibilities") OR (TI "professional misconduct" OR AB "professional misconduct") OR (TI moral OR AB moral) OR (TI morals OR AB morals) OR (TI morally OR AB morally) OR (TI morality OR AB morality) OR (TI integrity OR AB integrity) OR (TI immoral OR AB immoral) OR (TI immorality OR AB immorality) OR (TI legal OR AB legal) OR (TI legality OR AB legality) OR (TI legally OR AB legally) OR (TI illegal OR AB illegal) OR (TI illegality OR AB illegality) OR (TI illegally OR AB illegally) OR (TI liable OR AB liable) OR (TI liability OR AB liability)) OR (((TI withhold\* OR AB withhold\*) OR (TI withheld OR AB withheld)) N2 ((TI treat\* OR AB treat\*) OR (TI therap\* OR AB therap\*) OR (TI "life support" OR AB "life support"))) OR (((TI discontinu\* OR AB discontinu\*) OR (TI ceas\* OR AB ceas\*) OR (TI stop\* OR AB stop\*) OR (TI withdraw\* OR AB withdraw\*) OR (TI withdrew OR AB withdrew)) N2 (TI "life support" OR AB "life support")) | 273865 |
| #3 | S1 AND S2 | 3521 |
| #4 | Limiters: English Language | 3450 |
| #5 | S4 NOT PT ( Abstract OR Book OR Book Chapter OR Book Review OR Case Study OR Commentary OR Masters Thesis OR Pamphlet OR Pamphlet Chapter OR Poetry ) | 2852 |
| #6 | S5 NOT (((MH "Animals+") OR (MH "Animal Studies") OR (TI "animal model\*")) NOT (MH "human")) | 2745 |
| #7 | S6 NOT ((TI rat OR AB rat) OR (TI rats OR AB rats) OR (TI rodentia OR AB rodentia) OR (TI mouse OR AB mouse) OR (TI mice OR AB mice) OR (TI murine OR AB murine) OR (TI porcine OR AB porcine) OR (TI pig OR AB pig) OR (TI pigs OR AB pigs) OR (TI canine OR AB canine) OR (TI canines OR AB canines) OR (TI dog OR AB dog) OR (TI dogs OR AB dogs) OR (TI feline OR AB feline) OR (TI felines OR AB felines) OR (TI cat OR AB cat) OR (TI cats OR AB cats) OR (TI rabbit OR AB rabbit) OR (TI rabbits OR AB rabbits) OR (TI leporiade OR AB leporiade) OR (TI lagomorpha OR AB lagomorpha) OR (TI animal OR AB animal) OR (TI animal OR AB animal) OR (TI cow OR AB cow) OR (TI cows OR AB cows) OR (TI bovine OR AB bovine) OR (TI horse OR AB horse) OR (TI horses OR AB horses) OR (TI equine OR AB equine) OR (TI veterinar\* OR AB veterinar\*) OR (TI heifer OR AB heifer) OR (TI heifers OR AB heifers)) | 2715 |

**Database: Web of Science – SCI-Expanded, SSCI, ESCI (via Clarivate)**  
Search date: 5/16/2024  
Note: select indices under Editions; use Advanced Search

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| **Search Set + Description** | **Search Strategy** | **Results** |
| #1  *CPR terms* | TS=(resuscitat\* OR CPR OR "code blue" OR ACLS OR "advanced cardiovascular life support" OR BLS OR "basic cardiac life support" OR PALS OR "pediatric advanced life support" OR ATLS OR "advanced trauma life support") OR TS=((code OR codes) NEAR/2 (call OR calls OR calling OR called OR run OR runs OR running OR ran OR terminat\* OR cessation OR cease OR ceasing OR ceases OR ceased OR stop OR stops OR stopped OR stopping OR duration OR time OR timing)) | 137330 |
| #2  *Termination / ethics terms* | TS=(terminat\* OR futil\* OR non-beneficial OR nonbeneficial OR unbeneficial OR un-beneficial OR ethic OR ethics OR ethical OR ethically OR ethicist OR ethicists OR bioethics OR bioethical OR bioethically OR bioethicist OR bioethicists OR conscience OR conscientious OR conscientiously OR "conflict of interest" OR "conflicts of interest" OR complicit OR complicity OR complicitness OR "hippocratic oath" OR "professional responsibility" OR "professional responsibilities" OR "professional misconduct" OR moral OR morals OR morally OR morality OR integrity OR immoral OR immorality OR legal OR legality OR legally OR illegal OR illegality OR illegally OR liable OR liability) OR TS=((withhold\* OR withheld) NEAR/2 (treat\* OR therap\* OR "life support")) OR TS=((discontinu\* OR ceas\* OR stop\* OR withdraw\* OR withdrew) NEAR/2 "life support") | 1149352 |
| #3 | #1 AND #2 | 6407 |
| #4 | Refined by language: English | 6079 |
| #5 | Exclude Document Types: Book Review or Data Paper or Book Chapters or Meeting Abstract or Proceeding Paper or Reprint | 5699 |
| #6 | #5 NOT TS=(rat OR rats OR rodentia OR mouse OR mice OR murine OR porcine OR pig OR pigs OR canine OR canines OR dog OR dogs OR feline OR felines OR cat OR cats OR rabbit OR rabbits OR leporiade OR lagomorpha OR animal OR animal OR cow OR cows OR bovine OR horse OR horses OR equine OR veterinar\* OR heifer OR heifers) | 5140 |