

## Web Appendix 1. Detailed description of literature search strategy

The following search strategy was used for Medline and was adapted for CENTRAL, EMBASE, PsycInfo, AMED and CINAHL.

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1980 to Present>

---

1. Videotape Recording/
2. video\*.mp.
3. (VHS or DVD\* or blue-ray disc\* or Compact Disc\* or CDs or audiovisual).mp.
4. ((interactive or digital) adj5 media).mp.
5. or/1-4
6. exp advance care planning/ or life support care/ or palliative care/ or exp terminal care/ or advance directives/ or living will/
7. (Advance Care Planning or ACP or care at the end of life initiative or CEOL or Goals of care or GCD or end of life or living will\*).mp.
8. or/6-7
9. exp Resuscitation/
10. Resuscitat\*.mp.
11. CPR.mp.
12. exp Respiration, Artificial/
13. (Ventilator\* or Ventilation\*).mp.
14. exp Ventilators, Negative-Pressure/
15. (bilevel positive airway pressure or BiPAP or BPAP).mp.
16. (positive pressure\* or positivepressure\*).mp.
17. (Respiratory or Respiration\*).mp.
18. exp Intubation/
19. Airway Management/
20. (intubate\* or intubation).mp.
21. Esophageal.mp.
22. (Laryngeal mask or LMA).mp.
23. (Tracheostom\* or Tracheotom\*).mp.
24. Enteral Nutrition/
25. ((enter\* or nasogastric or NG) adj5 (feed\* or nutrition\* or immunonutrition\*)).mp.
26. nasoduodenal tube\*.mp.
27. Feeding Methods/
28. exp Parenteral Nutrition/
29. ((Parenteral\* or intravenous) adj3 (feeding\* or nutrition)).mp.
30. (TPN or PN).mp.
31. ((Nasogastric or NG or gastrostomy or jejunostomy or gastric or orogastric or nasoenteric or nasojejunal or nasointestinal or transabdominal) adj3 (intubat\* or tube\* or feed\*)).mp.
32. ((artificial or force or tube) adj3 (feeding\* or nutrition)).mp.
33. tube feeding/

34. (Percutaneous endoscopic gastrostomy or PPEG).mp.
  35. ((RIG or PEG) and (Percutaneous or endoscopic or gastrostomy)).mp.
  36. exp Renal Replacement Therapy/
  37. Kidney, Artificial/ or artificial kidney\*.mp.
  38. (dialyzer or hemodialysis or dialysis).mp.
  39. Critical Care/
  40. Critical Illness/
  41. exp Intensive Care Units/
  42. ICU\*.mp.
  43. ((critical or intensive) adj3 (care or illness)).tw.
  44. (ACLS or Advanced cardiovascular life support).mp.
  45. Defibrillation.mp.
  46. or/9-45
  47. exp Patient Satisfaction/ or patient centered care/ or exp choice behavior/ or attitude to health/ or attitude to death/ or personal autonomy/ or patient participation/ or patient education as topic/
  48. ((patient\* or Individual\* or caregiver\* or care-giver\*) adj10 (wish\* or value\* or desire\* or desirability or selection or prefer\* or decide\* or decision\* or choice\* or chose\* or want\* or participat\*)).mp.
  49. exp Decision Making/ or Decision Support Techniques/ or decision aid\*.mp.
  50. exp Patients/ or patient\*.mp. or caregivers/ or caregiver\*.mp. or care-giver\*.mp.
  51. 49 and 50
  52. 47 or 48 or 51
  53. 5 and 8
  54. 5 and 46 and 52
  55. 53 or 54
- \*\*\*\*\*

**Life-sustaining treatments of interest:**

1. Cardiopulmonary resuscitation (CPR)
2. Mechanical ventilation
3. Respirator
4. Ventilator
5. Endotracheal intubation
6. Enteral feeding
7. Enteral nutrition
8. Total parenteral nutrition
9. Nasogastric tube feeding
10. Tube feeding
11. Percutaneous endoscopic gastrostomy (PEG) tube
12. Hemodialysis
13. Dialysis
14. Intensive care unit

15. Critical care unit
16. Advanced cardiac life support (=ACLS)
17. Advanced cardiovascular life support (=ACLS)
18. Defibrillation
19. Cardiac defibrillation