

Additional file 1 – Search strategy

PubMed

- 01- Hyperoxia.ti,ab.
- 02- Hyperoxia.tw.
- 03- Hyperoxemia.ti,ab.
- 04- Hyperoxemia.tw.
- 05- Arterial oxygen.ti,ab.
- 06- High oxygen.ti,ab.
- 07- Arterial blood gas.ti,ab.
- 08- Oxygen saturation.ti,ab.
- 09- 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8
- 10- Critically ill.ti,ab.
- 11- Acutely ill.ti,ab.
- 12- Intensive care.ti,ab.
- 13- Critical care.ti,ab.
- 14- 10 or 11 or 12 or 13
- 15- Mechanically ventilated.ti,ab.
- 16- Cardiac arrest.ti,ab.
- 17- Cardiopulmonary resuscitation.ti,ab.
- 18- CPR.ti,ab.
- 19- Heart arrest.ti,ab.
- 20- 16 or 17 or 18 or 19
- 21- Traumatic brain injury.ti,ab.
- 22- Head trauma.ti,ab.
- 23- 21 or 22
- 24- Stroke.ti,ab.
- 25- Intracranial bleeding.ti,ab.
- 26- Intracranial hemorrhage.ti,ab.
- 27- 24 or 25 or 26
- 28- Sepsis.ti,ab.
- 29- Septic shock.ti,ab.
- 30- 28 or 29
- 31- Trauma.ti,ab.
- 32- Post operative.ti,ab.
- 33- Post-operative.ti,ab.
- 34- Post surgery.ti,ab.
- 35- Post-surgery.ti,ab.
- 36- Elective surgery.ti,ab.
- 37- 32 or 33 or 34 or 35 or 36
- 38- Cardiac failure.ti,ab.
- 39- Heart failure.ti,ab.
- 40- Myocardial infarction.ti,ab.
- 41- Shock.ti,ab.
- 42- 14 or 20 or 23 or 27 or 30 or 31 or 37 or 38 or 39 or 40 or 41
- 43- Mortality.tw.

44- Outcome.tw.

45- Death.tw.

46- Survival.tw.

47- 43 or 44 or 45 or 46

48- 9 and 14 and 47

49- 9 and 42 and 47