

Supplementary material 1. This document shows all search string used for the article:
Kalina Nikolov et al. Organisational approaches to the use of extracorporeal cardiopulmonary resuscitation for refractory out of hospital cardiac arrest: a narrative review

The search string used for the PubMed search.

("heart arrest"[MeSH Terms] OR "heart arrest"[Text Word] OR "cardiac arrest"[Text Word] OR "myocardial infarction"[Text Word] OR "cardiopulmonary arrest"[Text Word] OR "ventricular fibrillation"[MeSH Terms] OR "ventricular fibrillation"[Text Word] OR "tachycardia, ventricular"[MeSH Terms] OR "ventricular tachycardia"[Text Word]) AND ("ecmo"[Text Word] OR "extracorporeal membrane oxygenation"[MeSH Terms] OR "extracorporeal membrane oxygenation"[Text Word] OR "ECPR"[Text Word] OR "extracorporeal cardiopulmonary resuscitation"[Text Word] OR "ECLS"[Text Word] OR "extracorporeal life support"[Text Word]) NOT ("pigs"[Text Word] OR "covid"[Text Word] OR "shock"[Title] OR "post-operative"[Text Word] OR "surg*"[Title] OR "transplant*"[Title] OR "pediatric"[Title] OR "paediatric"[Title] OR "child*"[Title] OR "neonat*"[Title] OR "newborn"[Title] OR "infan*"[Title] OR "pregnan*"[Title] OR "emboli*"[Title] OR "hypotherm*"[Title])

The search string used for the PubMed cost-focused search.

("heart arrest"[MeSH Terms] OR "heart arrest"[Text Word] OR "cardiac arrest"[Text Word] OR "myocardial infarction"[Text Word] OR "cardiopulmonary arrest"[Text Word] OR "ventricular fibrillation"[MeSH Terms] OR "ventricular fibrillation"[Text Word] OR "tachycardia, ventricular"[MeSH Terms] OR "ventricular tachycardia"[Text Word]) AND ("ecmo"[Text Word] OR "extracorporeal membrane oxygenation"[MeSH Terms] OR "extracorporeal membrane oxygenation"[Text Word] OR "ECPR"[Text Word] OR "extracorporeal cardiopulmonary resuscitation"[Text Word] OR "ECLS"[Text Word] OR "extracorporeal life support"[Text Word]) NOT ("pigs"[Text Word] OR "covid"[Text Word] OR "shock"[Title] OR "post-operative"[Text Word] OR "surg*"[Title] OR "transplant*"[Title] OR "pediatric"[Title] OR "paediatric"[Title] OR "child*"[Title] OR "neonat*"[Title] OR "newborn"[Title] OR "infan*"[Title] OR "pregnan*"[Title] OR "emboli*"[Title] OR "hypotherm*"[Title]) AND (econom*[text word] OR cost*[text word] OR expens*[text word] OR financ*[text word])

The search string used for the Clinical Trials Register search.

(Extracorporeal Membrane Oxygenation) OR (ECMO) OR (ECPR) OR (Extracorporeal cardiopulmonary resuscitation) OR (ECLS) OR (Extracorporeal Life Support) AND (heart arrest) OR (cardiac arrest) OR (myocardial infarction) OR (cardiopulmonary arrest) OR (ventricular fibrillation) OR (ventricular tachycardia)

The search string used for the Clinical Trials search.

Condition:(heart arrest) OR (cardiac arrest) OR (myocardial infarction) OR (cardiopulmonary arrest) OR (ventricular fibrillation) OR (ventricular tachycardia)
Other terms:(Extracorporeal Membrane Oxygenation) OR (ECMO) OR (ECPR) OR (Extracorporeal cardiopulmonary resuscitation) OR (ECLS) OR (Extracorporeal Life Support)

The search string used for the Cochrane search.

("heart arrest" OR "cardiac arrest" OR "myocardial infarction" OR "cardiopulmonary arrest" OR "ventricular fibrillation" OR "ventricular tachycardia"):ti,ab,kw AND ("ecmo" OR "extracorporeal membrane oxygenation" OR "ECPR" OR "extracorporeal cardiopulmonary resuscitation" OR "ECLS" OR "extracorporeal life support"):ti,ab,kw

The search string used for the EMBASE database

exp "heart arrest"/ or exp "ventricular fibrillation"/ or exp "heart ventricle tachycardia"/ or ("ventricular fibrillation" or "ventricular tachycardia" or "heart arrest" or "cardiac arrest" or "myocardial infarction" or "cardiopulmonary arrest" or "ventricular tachycardia").ti,ab,kw. (449266), 2. exp "extracorporeal oxygenation"/ or ("extracorporeal membrane oxygenation" or "ECPR" or "extracorporeal cardiopulmonary resuscitation" or "ECLS" or "extracorporeal life support" or "ecmo").ti,ab,kw. (39803), 3. ("pigs" or "covid").ti,ab,kw. or ("shock" or "post-operative" or "surg*" or "transplant*" or "pediatric" or "paediatric" or "child*" or "neonat*" or "newborn" or "infan*" or "pregnan*" or "emboli*" or "hypotherm*").ti. (3278347), 4. (1 and 2) not 3 (4274), 5. 4 not (Conference Abstract or Conference Paper or Conference Review or Editorial or Letter).pt. (2392), 6. limit 5 to english (2265), 7. and PMID number already found in the other databases.