

Appendix 1

1. PubMed search strategy

("Cardiac Surgery"[MeSH] OR "Heart surgery" OR "Cardiac surgery") AND ("Inflammation"[MeSH] OR "Inflammation" OR "Postoperative inflammation" OR "Surgical inflammation") AND ("Cardiopulmonary Bypass"[MeSH] OR "CPB" OR "Cardiopulmonary bypass")

2. Embase search strategy

('Cardiac Surgery'/exp OR 'Heart surgery' OR 'Cardiac surgery') AND ('Inflammation'/exp OR 'Inflammation' OR 'Postoperative inflammation') AND ('Cardiopulmonary Bypass'/exp OR 'CPB' OR 'Cardiopulmonary bypass')

3. CNKI search strategy

("cardiac surgery" OR "cardiac surgery inflammation") AND ("inflammation" OR "postoperative inflammation") AND ("extracorporeal circulation" OR "cardiac surgery extracorporeal circulation")

4. Wanfang search strategy

("cardiac surgery" OR "postoperative inflammation after cardiac surgery") AND ("inflammatory response" OR "postoperative inflammation") AND ("extracorporeal circulation" OR "cardiopulmonary bypass")