

Supplementary Online Content

Chow CHT, Rizwan A, Xu R, et al. Association of temperament with preoperative anxiety in pediatric patients undergoing surgery: a systematic review and meta-analysis. *JAMA Netw Open*. 2019;2(6):e195614. doi:10.1001/jamanetworkopen.2019.5614

eAppendix. MEDLINE Search Strategy

eFigure. Risk of Bias Assessment for Randomized Clinical Trials

eTable. Risk of Bias Assessment for Observational Studies

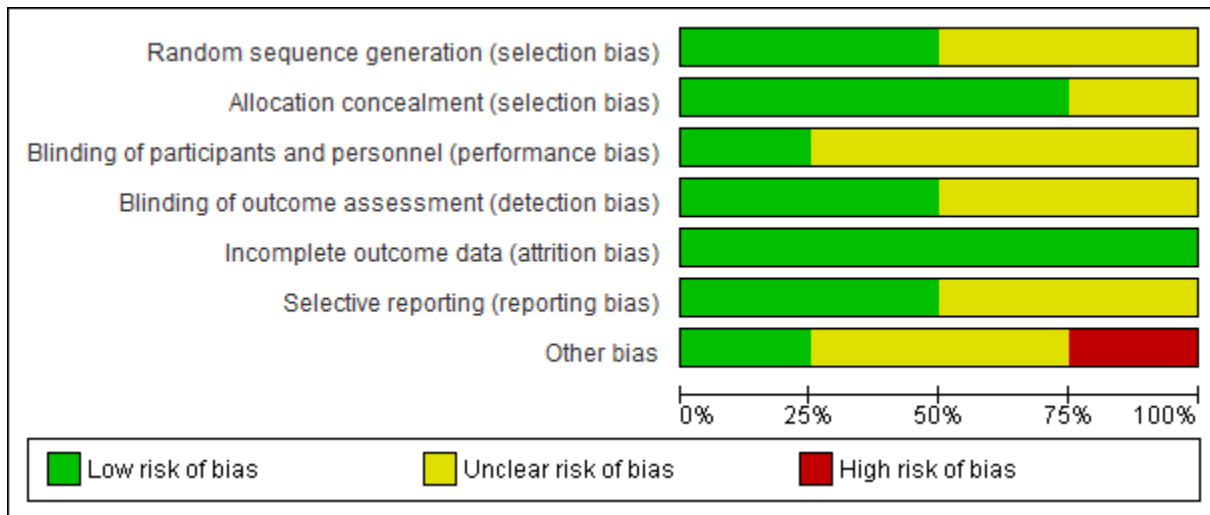
This supplementary material has been provided by the authors to give readers additional information about their work.

eAppendix: MEDLINE Search Strategy

1. Anxiety/
2. anxiety.mp.
3. anxiet*.mp.
4. anxious.mp.
5. nervousness.mp.
6. Fear/
7. fear.mp.
8. Panic/
9. panicked.mp.
10. distress.mp.
11. emotional stress.mp.
12. Stress, Psychological/
13. psychological stress.mp.
14. feel* of apprehension.mp.
15. feel* of dread.mp.
16. feel* of worry.mp.
17. feel* of worried.mp.
18. feel* of terror.mp.
19. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18
20. Preoperative Care/
21. Preoperative Period/
22. preoperative.mp.
23. surgical procedures.mp.
24. Surgical Procedures, Operative/
25. operative.mp.
26. surgery.mp.
27. surgical.mp.
28. preop*.mp.
29. pre-op*.mp.
30. pre-op.mp.
31. periop*.mp.
32. peri-op*.mp.
33. preoperat*.mp.
34. Temperament/
35. temperament.mp.
36. Personality/
37. personality.mp.
38. shyness/
39. shyness.mp.
40. sociability.mp.
41. emotionality.mp.
42. impulsivity.mp.
43. "Inhibition (Psychology)"/

- 44. inhibition.mp.
- 45. soothability.mp.
- 46. attention span-persistence.mp.
- 47. 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46
- 48. 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33
- 49. 19 and 47 and 48

eFigure. Risk of Bias Assessment for Randomized Clinical Trials



eTable. Risk of Bias Assessment for Observational Studies

Study authors	Year, country	Selection	Comparability	Outcome	Total Score
Carson et al.	1991, USA	2	2	1	5
Chow et al.	2017, Canada	2	1	2	5
Davidson et al.	2006, Australia	2	1	2	5
Fernandes& Arriaga	2010, Portugal	3	2	1	6
Fortier et al.	2009, USA	2	1	2	5
Fortier et al.	2010, USA	3	2	2	7
Fortier et al.	2011, USA	2	2	2	6
Glazebrook et al.	1994, England	2	0	3	5
Kain et al.	1996a, USA	2	2	1	5
Kain et al.	1996c, USA	2	1	2	5
Kain et al.	2000, USA	2	2	2	6
Kain et al.	2004, USA	2	2	2	6
Kain et al.	2006a, USA	2	1	2	5
Kain et al.	2006b, USA	2	1	2	5

Kain et al.	2007, USA	2	2	2	6
MacLaren&Kain	2007, USA	2	1	3	6
Quinonez et al.	1997, Canada	2	2	2	6
Wright et al.	2013, Canada	2	2	3	7
Wright et al.	2017, Canada	2	2	2	6