

Do current international cardiovascular preparticipation screening policies account for the paediatric athlete? A quality appraisal and systematic review.

SUPPLEMENTARY MATERIAL

Supplementary Table 1. Full Search strategy as applied to the PubMed electronic database on the 9th April 2020.

Nº	Term	Yield
1.	Consensus Development Conference (publication type)	11863
2.	Guideline (publication type)	33531
3.	Practice Guideline (publication type)	26619
4.	Practice guidelines as topic/	115972
5.	Advisory committees/	9549
6.	Consensus/	12440
7.	Policy/	154814
8.	Consensus* t	24095
9.	Guideline* t	76538
10.	Recommendations t	34044
11.	"position statement" t	2787
12.	"position paper" t	2221
13.	"expert opinion" t	1079
14.	"task force" t	5921
15.	"scientific statement" t	500
16.	Athletes/	12656
17.	Sports/	180161
18.	Athlete* t/a/kw	54174
19.	Player* t/a/kw	57064
20.	Electrocardiography/	202805
21.	Cardiology/	19863
22.	Death, Sudden, Cardiac/	15248
23.	Heart diseases/	1113626
24.	Cardiovascular diseases/	2355943
25.	Electrocardio* t/a/kw	231035
26.	ECG t/a/kw	231302
27.	Cardia* t/a/kw	806089
28.	Cardiolog* t/a/kw	396587
29.	"Sudden cardiac death" t/a/kw	15398
30.	SCD t/a/kw	13691
31.	Mass Screening/	126223
32.	screening* t/a/kw	601547
33.	evaluation* t/a/kw	1724293
34.	assessment* t/a/kw	1446355
35.	Preparticipation t/a/kw	846
36.	OR/1-15 (guidelines)	400210
37.	OR/16-19 (athletes)	246109
38.	OR/20-30 (cardiology)	2846191
39.	OR/31-35 (screening)	3377707
40.	AND/20-22 (combined total)	313

Supplementary table 2. AGREE II 6 domains and overall balanced scores (%)

Guideline	Domain 1. Scope and Purpose	Domain 2. Stakeholder Involvement	Domain 3. Rigour of Development	Domain 4. Clarity of Presentation	Domain 5. Applicability	Domain 6. Editorial Independence	Overall
Ghorayeb et al.	94	39	32	100	40	67	92
Preparticipation Physical Evaluation 5th edition	89	92	33	86	56	100	92
Johri et al.	92	56	43	89	52	67	83
Drezner et al.	75	58	41	47	46	67	50
Fritsch et al.	53	25	22	75	33	96	42
Mont et al.	86	31	35	69	56	17	67
Hainline et al.	97	97	30	72	77	100	92
Conley et al.	78	47	33	89	50	50	75
Maron et al.	83	64	78	81	67	96	92
Mahmood et al.	61	28	21	64	50	67	50
Ljungqvist et al.	78	64	24	81	71	50	67
Corrado et al.	92	47	18	86	63	17	75
American Medical Association report	67	22	14	58	27	17	25
Median (range)	83 (53-97)	47 (22-97)	32 (14-78)	81 (47-100)	52 (27-77)	67 (17-100)	75 (25-92)
Scores calculated using the Appraisal of Guidelines for Research & Evaluation Instrument (AGREE II) instrument. ¹³							

