

**Cardiac Risk Assessment in Youth: Preventing Sudden Cardiac Arrest**  
**Eric Paredes Save a Life Foundation**  
**San Diego State University Institute for Public Health**  
**Bibliography**  
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1. The cardiovascular Preparticipation Evaluation (PPE) for the primary care and sports medicine physician, Part I. *Current sports medicine reports*. 2015;14(3):246.
2. *Preparticipation Physical Evaluation, 5th Ed*. American Academy of Pediatrics 2019.
3. Acheson LS, Wiesner GL, Zyzanski SJ, Goodwin MA, Stange KC. Family history-taking in community family practice: implications for genetic screening. *Genet Med*. 2000;2(3):180-185.
4. Ackerman M, Atkins DL, Triedman JK. Sudden Cardiac Death in the Young. *Circulation*. 2016;133(10):1006-1026.
5. Ackerman MJ, Priori SG, Willems S, et al. HRS/EHRA expert consensus statement on the state of genetic testing for the channelopathies and cardiomyopathies this document was developed as a partnership between the Heart Rhythm Society (HRS) and the European Heart Rhythm Association (EHRA). *Heart Rhythm*. 2011;8(8):1308-1339.
6. Ackerman MJ, Priori SG, Willems S, et al. HRS/EHRA expert consensus statement on the state of genetic testing for the channelopathies and cardiomyopathies: this document was developed as a partnership between the Heart Rhythm Society (HRS) and the European Heart Rhythm Association (EHRA). *Europace*. 2011;13(8):1077-1109.
7. Ackerman MJ, Priori SG, Willems S, et al. HRS/EHRA expert consensus statement on the state of genetic testing for the channelopathies and cardiomyopathies: this document was developed as a partnership between the Heart Rhythm Society (HRS) and the European Heart Rhythm Association (EHRA). *Europace*. 2011;13(8):1077-1109.
8. Akahane M, Tanabe S, Ogawa T, et al. Characteristics and outcomes of pediatric out-of-hospital cardiac arrest by scholastic age category. *Pediatr Crit Care Med*. 2013;14(2):130-136.
9. Ali F, Rehman H, Babayan Z, Stapleton D, Joshi DD. Energy drinks and their adverse health effects: A systematic review of the current evidence. *Postgrad Med*. 2015;127(3):308-322.
10. Allan C, Fulton, DR. Clinical manifestations and diagnosis of myocarditis in children In: Triedman J, Kaplan, SL, ed. Waltham, MA: Wolters Kluwer.
11. Allan WC, Gospe SM, Jr. Seizures, syncope, or breath-holding presenting to the pediatric neurologist--when is the etiology a life-threatening arrhythmia? *Semin Pediatr Neurol*. 2005;12(1):2-9.
12. American Academy of Pediatrics. *Policy Statement: Pediatric Sudden Cardiac Arrest*. 2012.
13. American College of Cardiology. ACC/AHA release recommendations for congenital and genetic heart disease screenings in youth 2014; <https://www.acc.org/latest-in-cardiology/articles/2014/09/15/14/24/acc-aha-release-recommendations-for-congenital-and-genetic-heart-disease-screenings-in-youth>. Accessed September 5, 2019.
14. American Heart Association. Out-of-Hospital Chain of Survival. [https://cpr.heart.org/AHA/ECC/CPRAndECC/AboutCPRFirstAid/CPRFactsAndStats/UCM\\_475731\\_Out-of-hospital-Chain-of-Survival.jsp](https://cpr.heart.org/AHA/ECC/CPRAndECC/AboutCPRFirstAid/CPRFactsAndStats/UCM_475731_Out-of-hospital-Chain-of-Survival.jsp). Accessed September 16, 2019.
15. American Heart Association. A child's race, ethnicity, and/or neighborhood may influence survival after cardiac arrest. 2023. [https://newsroom.heart.org/news/a-childs-race-ethnicity-andor-neighborhood-may-influence-survival-after-cardiac-arrest#:~:text=Their%20analysis%20of%206%2C945%20cardiac,\(3.3%20per%20100%2C000\)%20children](https://newsroom.heart.org/news/a-childs-race-ethnicity-andor-neighborhood-may-influence-survival-after-cardiac-arrest#:~:text=Their%20analysis%20of%206%2C945%20cardiac,(3.3%20per%20100%2C000)%20children).
16. American Heart Association. CPR Facts & Stats. 2019; <https://cpr.heart.org/en/resources/cpr-facts-and-stats>. Accessed September 16, 2019.
17. American HEart Association. AED Implementation. 2019; <https://cpr.heart.org/en/training-programs/aed-implementation>. Accessed September 16, 2019.

18. Anderson JB, Grenier M, Edwards NM, et al. Usefulness of combined history, physical examination, electrocardiogram, and limited echocardiogram in screening adolescent athletes for risk for sudden cardiac death. *Am J Cardiol.* 2014;114(11):1763-1767.
19. Aro AL, Chugh SS. Prevention of Sudden Cardiac Death in Children and Young Adults. *Prog Pediatr Cardiol.* 2017;45:37-42.
20. Arola A, Pikkariainen E, Sipila JO, Pykari J, Rautava P, Kyto V. Occurrence and Features of Childhood Myocarditis: A Nationwide Study in Finland. *J Am Heart Assoc.* 2017;6(11).
21. Arzamendi D, Benito B, Tizon-Marcos H, et al. Increase in sudden death from coronary artery disease in young adults. *Am Heart J.* 2011;161(3):574-580.
22. Atkins DL, Everson-Stewart S, Sears GK, et al. Epidemiology and outcomes from out-of-hospital cardiac arrest in children: the Resuscitation Outcomes Consortium Epistry-Cardiac Arrest. *Circulation.* 2009;119(11):1484-1491.
23. Aziz PF, Berger S, Kowey P, et al. The Second Annual Think Tank on Prevention of Sudden Cardiac Death in the Young: Developing a rational, reliable, and sustainable national health care resource. A report from the Cardiac Safety Research Consortium. *Am Heart J.* 2018;202:104-108.
24. Baggish A, Drezner JA, Kim J, Martinez M, Prutkin JM. Resurgence of sport in the wake of COVID-19: cardiac considerations in competitive athletes. *Br J Sports Med.* 2020;54(19):1130-1131.
25. Baggish AL, Hutter AM, Jr., Wang F, et al. Cardiovascular screening in college athletes with and without electrocardiography: A cross-sectional study. *Ann Intern Med.* 2010;152(5):269-275.
26. Baggish AL, Levine BD. Icarus and Sports After COVID 19: Too Close to the Sun? *Circulation.* 2020;142(7):615-617.
27. Bagnall RD, Das KJ, Duflou J, Semsarian C. Exome analysis-based molecular autopsy in cases of sudden unexplained death in the young. *Heart Rhythm.* 2014;11(4):655-662.
28. Bagnall RD, Weintraub RG, Ingles J, et al. A Prospective Study of Sudden Cardiac Death among Children and Young Adults. *N Engl J Med.* 2016;374(25):2441-2452.
29. Baldi E, Sechi GM, Mare C, et al. Out-of-Hospital Cardiac Arrest during the Covid-19 Outbreak in Italy. *N Engl J Med.* 2020;383(5):496-498.
30. Barach P, Lipshultz SE. Rethinking COVID-19 in children: Lessons learned from pediatric viral and inflammatory cardiovascular diseases. *Prog Pediatr Cardiol.* 2020:101233.
31. Barbut G, Needleman JP. Pediatric Chest Pain. *Pediatr Rev.* 2020;41(9):469-480.
32. Bardai A, Berdowski J, van der Werf C, et al. Incidence, causes, and outcomes of out-of-hospital cardiac arrest in children. A comprehensive, prospective, population-based study in the Netherlands. *J Am Coll Cardiol.* 2011;57(18):1822-1828.
33. Baruteau AE, Baruteau J, Joomye R, et al. Role of congenital long-QT syndrome in unexplained sudden infant death: proposal for an electrocardiographic screening in relatives. *Eur J Pediatr.* 2009;168(7):771-777.
34. Basen-Engquist K, Bodurka-Bevers D, Fitzgerald MA, et al. Reliability and validity of the functional assessment of cancer therapy-ovarian. *J Clin Oncol.* 2001;19(6):1809-1817.
35. Basso C, Maron BJ, Corrado D, Thiene G. Clinical profile of congenital coronary artery anomalies with origin from the wrong aortic sinus leading to sudden death in young competitive athletes. *J Am Coll Cardiol.* 2000;35(6):1493-1501.
36. Basu J, Malhotra A. Interpreting the Athlete's ECG: Current State and Future Perspectives. *Curr Treat Options Cardiovasc Med.* 2018;20(12):104.
37. Becker LB, Aufderheide TP, Graham R. Strategies to Improve Survival From Cardiac Arrest: A Report From the Institute of Medicine. *Jama.* 2015;314(3):223-224.
38. Behr CA, Denning NL, Kallis MP, et al. The incidence of Marfan syndrome and cardiac anomalies in patients presenting with pectus deformities. *Journal of pediatric surgery.* 2019;54(9):1926-1928.
39. Behr ER, Dalageorgou C, Christiansen M, et al. Sudden arrhythmic death syndrome: familial evaluation identifies inheritable heart disease in the majority of families. *Eur Heart J.* 2008;29(13):1670-1680.
40. Belhadjer Z, Meot M, Bajolle F, et al. Acute Heart Failure in Multisystem Inflammatory Syndrome in Children in the Context of Global SARS-CoV-2 Pandemic. *Circulation.* 2020;142(5):429-436.
41. Benjamin EJ, Muntner P, Alonso A, et al. Heart Disease and Stroke Statistics-2019 Update: A Report From the American Heart Association. *Circulation.* 2019;139(10):e56-e528.
42. Benjamin EJ, Virani SS, Callaway CW, et al. Heart Disease and Stroke Statistics-2018 Update: A Report From the American Heart Association. *Circulation.* 2018;137(12):e67-e492.

43. Berdowski J, de Beus MF, Blom M, et al. Exercise-related out-of-hospital cardiac arrest in the general population: incidence and prognosis. *Eur Heart J*. 2013;34(47):3616-3623.
44. Berenson GS. Childhood risk factors predict adult risk associated with subclinical cardiovascular disease. The Bogalusa Heart Study. *Am J Cardiol*. 2002;90(10C):3L-7L.
45. Berenson GS, Srinivasan SR, Bao W, Newman WP, 3rd, Tracy RE, Wattigney WA. Association between multiple cardiovascular risk factors and atherosclerosis in children and young adults. The Bogalusa Heart Study. *N Engl J Med*. 1998;338(23):1650-1656.
46. Berg AO, Baird MA, Botkin JR, et al. National Institutes of Health State-of-the-Science Conference Statement: Family History and Improving Health. *Ann Intern Med*. 2009;151(12):872-877.
47. Berg AO, Baird MA, Botkin JR, et al. National Institutes of Health State-of-the-Science Conference Statement: Family History and Improving Health: August 24-26, 2009. *NIH Consens State Sci Statements*. 2009;26(1):1-19.
48. Berger S. Sudden Cardiac Death in Children and Adolescents. *Pediatr Ann*. 2015;44(12):536-537.
49. Berger S, Kugler JD, Thomas JA, Friedberg DZ. Sudden cardiac death in children and adolescents: introduction and overview. *Pediatr Clin North Am*. 2004;51(5):1201-1209.
50. Berger S, Maccalli E. Strategies for the Prevention of Sudden Cardiac Death in Children and Adolescents. *Pediatr Ann*. 2015;44(12):e292-297.
51. Berger S, Utech L, Fran Hazinski M. Sudden death in children and adolescents. *Pediatr Clin North Am*. 2004;51(6):1653-1677, ix-x.
52. Bessem B, Groot FP, Nieuwland W. The Lausanne recommendations: a Dutch experience. *Br J Sports Med*. 2009;43(9):708-715.
53. Bhatia RT, Marwaha S, Malhotra A, et al. Exercise in the Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) era: A Question and Answer session with the experts Endorsed by the section of Sports Cardiology & Exercise of the European Association of Preventive Cardiology (EAPC). *Eur J Prev Cardiol*. 2020;27(12):1242-1251.
54. Blum RW, Beuhring T, Wunderlich M, Resnick MD. Don't ask, they won't tell: the quality of adolescent health screening in five practice settings. *American journal of public health*. 1996;86(12):1767-1772.
55. Borjesson M, Dellborg M. Is there evidence for mandating electrocardiogram as part of the pre-participation examination? *Clin J Sport Med*. 2011;21(1):13-17.
56. Botvinick EH, Dae MW, Krishnan R, Ewing S. Hypertrophic cardiomyopathy in the young: another form of ischemic cardiomyopathy? *J Am Coll Cardiol*. 1993;22(3):805-807.
57. Brignole M. 'Ten Commandments' of ESC Syncope Guidelines 2018: The new European Society of Cardiology (ESC) Clinical Practice Guidelines for the diagnosis and management of syncope were launched 19 March 2018 at EHRA 2018 in Barcelona. *Eur Heart J*. 2018;39(21):1870-1871.
58. Brignole M, Moya A, de Lange FJ, et al. [2018 ESC Guidelines for the diagnosis and management of syncope]. *Kardiol Pol*. 2018;76(8):1119-1198.
59. Brignole M, Moya A, de Lange FJ, et al. 2018 ESC Guidelines for the diagnosis and management of syncope. *Eur Heart J*. 2018;39(21):1883-1948.
60. Brignole M, Moya A, de Lange FJ, et al. Practical Instructions for the 2018 ESC Guidelines for the diagnosis and management of syncope. *Eur Heart J*. 2018;39(21):e43-e80.
61. Brito D, Meester S, Yanamala N, et al. High Prevalence of Pericardial Involvement in College Student Athletes Recovering From COVID-19. *JACC Cardiovascular imaging*. 2020.
62. Burke AP, Farb A, Virmani R, Goodin J, Smialek JE. Sports-related and non-sports-related sudden cardiac death in young adults. *Am Heart J*. 1991;121(2 Pt 1):568-575.
63. Burke W. Taking family history seriously. *Ann Intern Med*. 2005;143(5):388-389.
64. Busuttill M, Willoughby S. A survey of energy drink consumption among young patients presenting to the emergency department with the symptom of palpitations. *Int J Cardiol*. 2016;204:55-56.
65. Butts RJ, Boyle GJ, Deshpande SR, et al. Characteristics of Clinically Diagnosed Pediatric Myocarditis in a Contemporary Multi-Center Cohort. *Pediatr Cardiol*. 2017;38(6):1175-1182.
66. Caffrey SL, Willoughby PJ, Pepe PE, Becker LB. Public use of automated external defibrillators. *N Engl J Med*. 2002;347(16):1242-1247.
67. Campbell RM, Douglas PS, Eidem BW, Lai WW, Lopez L, Sachdeva R. ACC/AAP/AHA/ASE/HRS/SCAI/SCCT/SCMR/SOPE 2014 appropriate use criteria for initial transthoracic echocardiography in outpatient pediatric cardiology: a report of the American College of Cardiology Appropriate Use Criteria Task Force, American Academy of Pediatrics, American Heart Association, American

- Society of Echocardiography, Heart Rhythm Society, Society for Cardiovascular Angiography and Interventions, Society of Cardiovascular Computed Tomography, Society for Cardiovascular Magnetic Resonance, and Society of Pediatric Echocardiography. *J Am Coll Cardiol*. 2014;64(19):2039-2060.
68. Campuzano O, Allegue C, Partemi S, Iglesias A, Oliva A, Brugada R. Negative autopsy and sudden cardiac death. *Int J Legal Med*. 2014;128(4):599-606.
  69. Cao Q, Chen YC, Chen CL, Chiu CH. SARS-CoV-2 infection in children: Transmission dynamics and clinical characteristics. *J Formos Med Assoc*. 2020;119(3):670-673.
  70. Casa DJ, Anderson SA, Baker L, et al. The inter-association task force for preventing sudden death in collegiate conditioning sessions: best practices recommendations. *J Athl Train*. 2012;47(4):477-480.
  71. Caswell SV, Cortes N, Chabolla M, Ambegaonkar JP, Caswell AM, Brenner JS. State-specific differences in school sports preparticipation physical evaluation policies. *Pediatrics*. 2015;135(1):26-32.
  72. Cecchin F, Jorgenson DB, Berul CI, et al. Is arrhythmia detection by automatic external defibrillator accurate for children?: sensitivity and specificity of an automatic external defibrillator algorithm in 696 pediatric arrhythmias. *Circulation*. 2001;103(20):2483-2488.
  73. Cella DF, Tulsy DS, Gray G, et al. The Functional Assessment of Cancer Therapy scale: development and validation of the general measure. *J Clin Oncol*. 1993;11(3):570-579.
  74. Centers for Disease Control and Protection. Cascade Screening. [https://blogs.cdc.gov/genomics/2017/07/25/cascade\\_screening/](https://blogs.cdc.gov/genomics/2017/07/25/cascade_screening/), September 17, 2019.
  75. Chain K, Gregory A. Use of Electrocardiogram as Part of the Preparticipation Examination. *Pediatr Ann*. 2016;45(1):e26-29.
  76. Chambers KD, Beausejour Ladouceur V, Alexander ME, et al. Cardiac Events During Competitive, Recreational, and Daily Activities in Children and Adolescents With Long QT Syndrome. *J Am Heart Assoc*. 2017;6(9).
  77. Chen J, Xu X, Hu J, et al. Clinical course and risk factors for recurrence of positive SARS-CoV-2 RNA: a retrospective cohort study from Wuhan, China. *Aging (Albany NY)*. 2020;12(17):16675-16689.
  78. Choi K, Pan YP, Pock M, Chang RK. Active surveillance of sudden cardiac death in young athletes by periodic Internet searches. *Pediatr Cardiol*. 2013;34(8):1816-1822.
  79. Choi SH, Kim HW, Kang JM, Kim DH, Cho EY. Epidemiology and clinical features of coronavirus disease 2019 in children. *Clin Exp Pediatr*. 2020;63(4):125-132.
  80. Chugh SS, Jui J, Gunson K, et al. Current burden of sudden cardiac death: multiple source surveillance versus retrospective death certificate-based review in a large U.S. community. *J Am Coll Cardiol*. 2004;44(6):1268-1275.
  81. Chugh SS, Kelly KL, Titus JL. Sudden cardiac death with apparently normal heart. *Circulation*. 2000;102(6):649-654.
  82. Chugh SS, Reinier K, Balaji S, et al. Population-based analysis of sudden death in children: The Oregon Sudden Unexpected Death Study. *Heart Rhythm*. 2009;6(11):1618-1622.
  83. Chugh SS, Senashova O, Watts A, et al. Postmortem molecular screening in unexplained sudden death. *J Am Coll Cardiol*. 2004;43(9):1625-1629.
  84. Clauson KA, Shields KM, McQueen CE, Persad N. Safety issues associated with commercially available energy drinks. *Journal of the American Pharmacists Association : JAPhA*. 2008;48(3):e55-63; quiz e64-57.
  85. Cohen S, Kamarck T, Mermelstein R. A global measure of perceived stress. *J Health Soc Behav*. 1983;24(4):385-396.
  86. Colivicchi F, Ammirati F, Santini M. Epidemiology and prognostic implications of syncope in young competing athletes. *Eur Heart J*. 2004;25(19):1749-1753.
  87. Cooper WO, Habel LA, Sox CM, et al. ADHD drugs and serious cardiovascular events in children and young adults. *N Engl J Med*. 2011;365(20):1896-1904.
  88. Corrado D, Basso C, Pavei A, Michieli P, Schiavon M, Thiene G. Trends in sudden cardiovascular death in young competitive athletes after implementation of a preparticipation screening program. *Jama*. 2006;296(13):1593-1601.
  89. Corrado D, Basso C, Poletti A, Angelini A, Valente M, Thiene G. Sudden death in the young. Is acute coronary thrombosis the major precipitating factor? *Circulation*. 1994;90(5):2315-2323.
  90. Corrado D, Basso C, Rizzoli G, Schiavon M, Thiene G. Does sports activity enhance the risk of sudden death in adolescents and young adults? *J Am Coll Cardiol*. 2003;42(11):1959-1963.

91. Corrado D, Basso C, Schiavon M, Thiene G. Screening for hypertrophic cardiomyopathy in young athletes. *N Engl J Med*. 1998;339(6):364-369.
92. Corrado D, Basso C, Thiene G. Sudden cardiac death in young people with apparently normal heart. *Cardiovasc Res*. 2001;50(2):399-408.
93. Corrado D, Pelliccia A, Bjornstad HH, et al. Cardiovascular pre-participation screening of young competitive athletes for prevention of sudden death: proposal for a common European protocol. Consensus Statement of the Study Group of Sport Cardiology of the Working Group of Cardiac Rehabilitation and Exercise Physiology and the Working Group of Myocardial and Pericardial Diseases of the European Society of Cardiology. *Eur Heart J*. 2005;26(5):516-524.
94. Corrado D, Thiene G, Nava A, Rossi L, Pennelli N. Sudden death in young competitive athletes: clinicopathologic correlations in 22 cases. *Am J Med*. 1990;89(5):588-596.
95. Corrado D, Thiene G, Pennelli N. Sudden death as the first manifestation of coronary artery disease in young people (less than or equal to 35 years). *Eur Heart J*. 1988;9 Suppl N:139-144.
96. Crispell KA, Wray A, Ni H, Nauman DJ, Hershberger RE. Clinical profiles of four large pedigrees with familial dilated cardiomyopathy: preliminary recommendations for clinical practice. *J Am Coll Cardiol*. 1999;34(3):837-847.
97. Dalal A, Czosek RJ, Kovach J, et al. Clinical Presentation of Pediatric Patients at Risk for Sudden Cardiac Arrest. *J Pediatr*. 2016;177:191-196.
98. Dancea AB. Myocarditis in infants and children: A review for the paediatrician. *Paediatr Child Health*. 2001;6(8):543-545.
99. Daniels SR, Pratt CA, Hayman LL. Reduction of risk for cardiovascular disease in children and adolescents. *Circulation*. 2011;124(15):1673-1686.
100. Davis PH, Dawson JD, Riley WA, Lauer RM. Carotid intimal-medial thickness is related to cardiovascular risk factors measured from childhood through middle age: The Muscatine Study. *Circulation*. 2001;104(23):2815-2819.
101. Daya MR, Schmicker RH, Zive DM, et al. Out-of-hospital cardiac arrest survival improving over time: Results from the Resuscitation Outcomes Consortium (ROC). *Resuscitation*. 2015;91:108-115.
102. de Noronha SV, Sharma S, Papadakis M, Desai S, Whyte G, Sheppard MN. Aetiology of sudden cardiac death in athletes in the United Kingdom: a pathological study. *Heart*. 2009;95(17):1409-1414.
103. De Sanctis V, Soliman N, Soliman AT, et al. Caffeinated energy drink consumption among adolescents and potential health consequences associated with their use: a significant public health hazard. *Acta Biomed*. 2017;88(2):222-231.
104. Dean PN BJJ, Paridon SM. Returning to play after coronavirus infection: Pediatric Cardiologists' Perspective. 2020(January 5, 2021).
105. Deasy C, Bernard SA, Cameron P, et al. Epidemiology of paediatric out-of-hospital cardiac arrest in Melbourne, Australia. *Resuscitation*. 2010;81(9):1095-1100.
106. Dhutia H, Malhotra A, Yeo TJ, et al. Inter-Rater Reliability and Downstream Financial Implications of Electrocardiography Screening in Young Athletes. *Circ Cardiovasc Qual Outcomes*. 2017;10(8):e003306.
107. Dong Y, Mo X, Hu Y, et al. Epidemiology of COVID-19 Among Children in China. *Pediatrics*. 2020;145(6).
108. Donoghue AJ, Nadkarni V, Berg RA, et al. Out-of-hospital pediatric cardiac arrest: an epidemiologic review and assessment of current knowledge. *Ann Emerg Med*. 2005;46(6):512-522.
109. Doolan A, Langlois N, Semsarian C. Causes of sudden cardiac death in young Australians. *Med J Aust*. 2004;180(3):110-112.
110. Dores H, Cardim N. Return to play after COVID-19: a sport cardiologist's view. *Br J Sports Med*. 2020;54(19):1132-1133.
111. Drezner JA, Fudge J, Harmon KG, Berger S, Campbell RM, Vetter VL. Warning symptoms and family history in children and young adults with sudden cardiac arrest. *J Am Board Fam Med*. 2012;25(4):408-415.
112. Drezner JA, Harmon KG, Borjesson M. Incidence of sudden cardiac death in athletes: where did the science go? *Br J Sports Med*. 2011;45(12):947-948.
113. Drezner JA, Heinz WM, Asif IM, et al. Cardiopulmonary Considerations for High School Student-Athletes During the COVID-19 Pandemic: NFHS-AMSSM Guidance Statement. *Sports Health*. 2020;12(5):459-461.
114. Drezner JA, O'Connor FG, Harmon KG, et al. Infographic: AMSSM position statement on cardiovascular preparticipation screening in athletes: Current evidence, knowledge gaps, recommendations and future directions. *Br J Sports Med*. 2017;51(3):168.

115. Drezner JA, O'Connor FG, Harmon KG, et al. AMSSM Position Statement on Cardiovascular Preparticipation Screening in Athletes: Current evidence, knowledge gaps, recommendations and future directions. *Br J Sports Med.* 2017;51(3):153-167.
116. Drezner JA, Owens DS, Prutkin JM, et al. Electrocardiographic Screening in National Collegiate Athletic Association Athletes. *Am J Cardiol.* 2016;118(5):754-759.
117. Drezner JA, Peterson DF, Siebert DM, et al. Survival After Exercise-Related Sudden Cardiac Arrest in Young Athletes: Can We Do Better? *Sports Health.* 2019;11(1):91-98.
118. Drezner JA, Prutkin JM, Harmon KG, et al. Cardiovascular screening in college athletes. *J Am Coll Cardiol.* 2015;65(21):2353-2355.
119. Drezner JA, Rao AL, Heistand J, Bloomingdale MK, Harmon KG. Effectiveness of emergency response planning for sudden cardiac arrest in United States high schools with automated external defibrillators. *Circulation.* 2009;120(6):518-525.
120. Drezner JA, Sharma S, Baggish A, et al. International criteria for electrocardiographic interpretation in athletes: Consensus statement. *Br J Sports Med.* 2017;51(9):704-731.
121. Drezner JA, Toresdahl BG, Rao AL, Huszti E, Harmon KG. Outcomes from sudden cardiac arrest in US high schools: a 2-year prospective study from the National Registry for AED Use in Sports. *Br J Sports Med.* 2013;47(18):1179-1183.
122. Driggin E, Madhavan MV, Bikdeli B, et al. Cardiovascular Considerations for Patients, Health Care Workers, and Health Systems During the COVID-19 Pandemic. *J Am Coll Cardiol.* 2020;75(18):2352-2371.
123. Driggin E, Madhavan MV, Bikdeli B, et al. Cardiovascular Considerations for Patients, Health Care Workers, and Health Systems During the COVID-19 Pandemic. *J Am Coll Cardiol.* 2020;75(18):2352-2371.
124. Driscoll DJ, Edwards WD. Sudden unexpected death in children and adolescents. *J Am Coll Cardiol.* 1985;5(6 Suppl):118B-121B.
125. Drory Y, Turetz Y, Hiss Y, et al. Sudden unexpected death in persons less than 40 years of age. *Am J Cardiol.* 1991;68(13):1388-1392.
126. Du T, Fernandez C, Barshop R, Chen W, Urbina EM, Bazzano LA. 2017 Pediatric Hypertension Guidelines Improve Prediction of Adult Cardiovascular Outcomes. *Hypertension.* 2019;73(6):1217-1223.
127. Dufort EM, Koumans EH, Chow EJ, et al. Multisystem Inflammatory Syndrome in Children in New York State. *N Engl J Med.* 2020;383(4):347-358.
128. Dunn TP, Pickham D, Aggarwal S, et al. Limitations of Current AHA Guidelines and Proposal of New Guidelines for the Preparticipation Examination of Athletes. *Clin J Sport Med.* 2015;25(6):472-477.
129. Dupuis JM, Tabib A, Reix P, et al. [Sudden unexpected death of cardiac origin in the 6 to 18 years population. Pathologic data. Role of sports? How can we prevent it?]. *Arch Pediatr.* 2005;12(8):1204-1208.
130. Durani Y, Egan M, Baffa J, Selbst SM, Nager AL. Pediatric myocarditis: presenting clinical characteristics. *Am J Emerg Med.* 2009;27(8):942-947.
131. Dursun H, Kilicaslan B, Aydin M. The assessment of cardiac autonomic functions in adolescents with a family history of premature atherosclerosis. *Clinics (Sao Paulo).* 2014;69(12):823-827.
132. Eckart RE, Scoville SL, Campbell CL, et al. Sudden death in young adults: a 25-year review of autopsies in military recruits. *Ann Intern Med.* 2004;141(11):829-834.
133. Eckart RE, Shry EA, Burke AP, et al. Sudden death in young adults: an autopsy-based series of a population undergoing active surveillance. *J Am Coll Cardiol.* 2011;58(12):1254-1261.
134. El-Assaad I, Al-Kindi SG, Aziz PF. Trends of Out-of-Hospital Sudden Cardiac Death Among Children and Young Adults. *Pediatrics.* 2017;140(6).
135. El-Assaad I, Al-Kindi SG, McNally B, et al. Automated External Defibrillator Application Before EMS Arrival in Pediatric Cardiac Arrests. *Pediatrics.* 2018;142(4).
136. El-Assaad I, Al-Kindi SG, McNally B, et al. Automated External Defibrillator Application Before EMS Arrival in Pediatric Cardiac Arrests. *Pediatrics.* 2018;142(4).
137. Endres BD, Kerr ZY, Stearns RL, et al. Epidemiology of Sudden Death in Organized Youth Sports in the United States, 2007-2015. *J Athl Train.* 2019;54(4):349-355.
138. Fabre A, Sheppard MN. Sudden adult death syndrome and other non-ischaemic causes of sudden cardiac death. *Heart.* 2006;92(3):316-320.
139. Feldstein LR, Rose EB, Horwitz SM, et al. Multisystem Inflammatory Syndrome in U.S. Children and Adolescents. *N Engl J Med.* 2020;383(4):334-346.

140. Finocchiaro G, Papadakis M, Robertus JL, et al. Etiology of Sudden Death in Sports: Insights From a United Kingdom Regional Registry. *J Am Coll Cardiol*. 2016;67(18):2108-2115.
141. Fletcher EA, Lacey CS, Aaron M, Kolasa M, Occiano A, Shah SA. Randomized Controlled Trial of High-Volume Energy Drink Versus Caffeine Consumption on ECG and Hemodynamic Parameters. *J Am Heart Assoc*. 2017;6(5).
142. Flynn JT, Kaelber DC, Baker-Smith CM, et al. Clinical Practice Guideline for Screening and Management of High Blood Pressure in Children and Adolescents. *Pediatrics*. 2017;140(3).
143. Flynn JT, Kaelber DC, Baker-Smith CM, et al. Clinical Practice Guideline for Screening and Management of High Blood Pressure in Children and Adolescents. *Pediatrics*. 2017;140(3).
144. Fornes P, Lecomte D. Pathology of sudden death during recreational sports activity: an autopsy study of 31 cases. *Am J Forensic Med Pathol*. 2003;24(1):9-16.
145. Fragkouli K, Vougiouklakis T. Sudden cardiac death: an 11-year postmortem analysis in the region of Epirus, Greece. *Pathol Res Pract*. 2010;206(10):690-694.
146. Freedman SB, Haladyn JK, Floh A, Kirsh JA, Taylor G, Thull-Freedman J. Pediatric myocarditis: emergency department clinical findings and diagnostic evaluation. *Pediatrics*. 2007;120(6):1278-1285.
147. Frezzo TM, Rubinstein WS, Dunham D, Ormond KE. The genetic family history as a risk assessment tool in internal medicine. *Genet Med*. 2003;5(2):84-91.
148. Friedman KG, Alexander ME. Chest pain and syncope in children: a practical approach to the diagnosis of cardiac disease. *J Pediatr*. 2013;163(3):896-901 e891-893.
149. Fudge J, Harmon KG, Owens DS, et al. Cardiovascular screening in adolescents and young adults: a prospective study comparing the Pre-participation Physical Evaluation Monograph 4th Edition and ECG. *Br J Sports Med*. 2014;48(15):1172-1178.
150. Fuller C, Scott C, Hug-English C, Yang W, Pasternak A. Five-Year Experience with Screening Electrocardiograms in National Collegiate Athletic Association Division I Athletes. *Clin J Sport Med*. 2016;26(5):369-375.
151. Fuller CM, McNulty CM, Spring DA, et al. Prospective screening of 5,615 high school athletes for risk of sudden cardiac death. *Med Sci Sports Exerc*. 1997;29(9):1131-1138.
152. Gajewski KK, Saul JP. Sudden cardiac death in children and adolescents (excluding Sudden Infant Death Syndrome). *Ann Pediatr Cardiol*. 2010;3(2):107-112.
153. Garson A, Jr. Sudden death in the young. *Hosp Pract (Off Ed)*. 1991;26(6):51-60.
154. Geleijnse JM, Hofman A, Witteman JC, Hazebroek AA, Valkenburg HA, Grobbee DE. Long-term effects of neonatal sodium restriction on blood pressure. *Hypertension*. 1997;29(4):913-917.
155. Gerein RB, Osmond MH, Stiell IG, Nesbitt LP, Burns S, Group OS. What are the etiology and epidemiology of out-of-hospital pediatric cardiopulmonary arrest in Ontario, Canada? *Acad Emerg Med*. 2006;13(6):653-658.
156. Gillman MW. Primordial prevention of cardiovascular disease. *Circulation*. 2015;131(7):599-601.
157. Glidewell J, Grosse SD, Riehle-Colarusso T, et al. Actions in Support of Newborn Screening for Critical Congenital Heart Disease - United States, 2011-2018. *MMWR Morb Mortal Wkly Rep*. 2019;68(5):107-111.
158. Glover DW, Glover DW, Maron BJ. Evolution in the process of screening United States high school student-athletes for cardiovascular disease. *Am J Cardiol*. 2007;100(11):1709-1712.
159. Glover DW, Maron BJ. Profile of preparticipation cardiovascular screening for high school athletes. *Jama*. 1998;279(22):1817-1819.
160. Gomez JE, Lantry BR, Saathoff KN. Current use of adequate preparticipation history forms for heart disease screening of high school athletes. *Arch Pediatr Adolesc Med*. 1999;153(7):723-726.
161. Gonzalez Corcia MC, Sieira J, Sarkozy A, et al. Brugada syndrome in the young: an assessment of risk factors predicting future events. *Europace*. 2017;19(11):1864-1873.
162. Gow RM. Sudden cardiac death in the young. *Can J Cardiol*. 1996;12(11):1157-1160.
163. Grasser EK, Yepuri G, Dulloo AG, Montani JP. Cardio- and cerebrovascular responses to the energy drink Red Bull in young adults: a randomized cross-over study. *Eur J Nutr*. 2014;53(7):1561-1571.
164. Groth KA, Hove H, Kyhl K, et al. Prevalence, incidence, and age at diagnosis in Marfan Syndrome. *Orphanet journal of rare diseases*. 2015;10:153.
165. Guo T, Fan Y, Chen M, et al. Cardiovascular Implications of Fatal Outcomes of Patients With Coronavirus Disease 2019 (COVID-19). *JAMA Cardiol*. 2020;5(7):811-818.
166. Guttmacher AE, Collins FS, Carmona RH. The family history--more important than ever. *N Engl J Med*. 2004;351(22):2333-2336.

167. Haider N, Shaikh AS, Wazir R, Atiq M. Clinicodemographic features and outcome of acute myocarditis in children admitted at tertiary care hospital. *Int J Cardiol.* 2016;221:42-45.
168. Hainline B, Drezner J, Baggish A, et al. Interassociation Consensus Statement on Cardiovascular Care of College Student-Athletes. *J Athl Train.* 2016;51(4):344-357.
169. Hainline B, Drezner J, Baggish A, et al. Interassociation consensus statement on cardiovascular care of college student-athletes. *Br J Sports Med.* 2017;51(2):74-85.
170. Hainline B, Drezner JA, Baggish A, et al. Interassociation Consensus Statement on Cardiovascular Care of College Student-Athletes. *J Am Coll Cardiol.* 2016;67(25):2981-2995.
171. Hakanen M, Lagstrom H, Kaitosaari T, et al. Development of overweight in an atherosclerosis prevention trial starting in early childhood. The STRIP study. *Int J Obes (Lond).* 2006;30(4):618-626.
172. Hallstrom AP, Ornato JP, Weisfeldt M, et al. Public-access defibrillation and survival after out-of-hospital cardiac arrest. *N Engl J Med.* 2004;351(7):637-646.
173. Hammond BH, Zahka KG, Aziz PF. Sudden Cardiac Death: A Pediatrician's Role. *Pediatr Rev.* 2019;40(9):456-467.
174. Harmon KG, Asif IM, Klossner D, Drezner JA. Incidence of sudden cardiac death in National Collegiate Athletic Association athletes. *Circulation.* 2011;123(15):1594-1600.
175. Harmon KG, Asif IM, Maleszewski JJ, et al. Response to Letter Regarding Article, "Incidence, Cause, and Comparative Frequency of Sudden Cardiac Death in National Collegiate Athletic Association Athletes: A Decade in Review". *Circulation.* 2016;133(12):e447.
176. Harmon KG, Asif IM, Maleszewski JJ, et al. Incidence, Cause, and Comparative Frequency of Sudden Cardiac Death in National Collegiate Athletic Association Athletes: A Decade in Review. *Circulation.* 2015;132(1):10-19.
177. Harmon KG, Asif IM, Maleszewski JJ, et al. Incidence and Etiology of Sudden Cardiac Arrest and Death in High School Athletes in the United States. *Mayo Clin Proc.* 2016;91(11):1493-1502.
178. Harmon KG, Drezner JA. Cardiovascular screening for young athletes. *Jama.* 2015;313(16):1673-1674.
179. Harmon KG, Drezner JA, Maleszewski JJ, et al. Pathogenesis of sudden cardiac death in national collegiate athletic association athletes. *Circ Arrhythm Electrophysiol.* 2014;7(2):198-204.
180. Harmon KG, Drezner JA, Wilson MG, Sharma S. Incidence of sudden cardiac death in athletes: a state-of-the-art review. *Heart.* 2014;100(16):1227-1234.
181. Harmon KG, Drezner JA, Wilson MG, Sharma S. Incidence of sudden cardiac death in athletes: a state-of-the-art review. *Br J Sports Med.* 2014;48(15):1185-1192.
182. Harmon KG, Pottinger PS, Baggish AL, et al. Comorbid Medical Conditions in Young Athletes: Considerations for Preparticipation Guidance During the COVID-19 Pandemic. *Sports Health.* 2020;12(5):456-458.
183. Harmon KG, Zigman M, Drezner JA. The effectiveness of screening history, physical exam, and ECG to detect potentially lethal cardiac disorders in athletes: a systematic review/meta-analysis. *J Electrocardiol.* 2015;48(3):329-338.
184. Harris TH, Adler M, Unti SM, McBride ME. Pediatric heart disease simulation curriculum: Educating the pediatrician. *Congenit Heart Dis.* 2017;12(4):546-553.
185. Hartiala O, Magnussen CG, Kajander S, et al. Adolescence risk factors are predictive of coronary artery calcification at middle age: the cardiovascular risk in young Finns study. *J Am Coll Cardiol.* 2012;60(15):1364-1370.
186. Hasanaj Q, Wilson BJ, Little J, Montazeri Z, Carroll JC, Screening CETiGi. Family history: impact on coronary heart disease risk assessment beyond guideline-defined factors. *Public Health Genomics.* 2013;16(5):208-214.
187. Hayflick SJ, Eiff MP, Carpenter L, Steinberger J. Primary care physicians' utilization and perceptions of genetics services. *Genet Med.* 1998;1(1):13-21.
188. Herlitz J, Svensson L, Engdahl J, et al. Characteristics of cardiac arrest and resuscitation by age group: an analysis from the Swedish Cardiac Arrest Registry. *Am J Emerg Med.* 2007;25(9):1025-1031.
189. Heron M, Hoyert DL, Murphy SL, Xu J, Kochanek KD, Tejada-Vera B. Deaths: final data for 2006. *Natl Vital Stat Rep.* 2009;57(14):1-134.
190. Hevia AC, Fernandez MM, Palacio JM, Martin EH, Castro MG, Reguero JJ. ECG as a part of the preparticipation screening programme: an old and still present international dilemma. *Br J Sports Med.* 2011;45(10):776-779.
191. Higgins JP, Tuttle TD, Higgins CL. Energy beverages: content and safety. *Mayo Clin Proc.* 2010;85(11):1033-1041.



192. Hofman A, Hazebroek A, Valkenburg HA. A randomized trial of sodium intake and blood pressure in newborn infants. *Jama*. 1983;250(3):370-373.
193. Hogue JD. Office evaluation of dizziness. *Prim Care*. 2015;42(2):249-258.
194. Holst AG, Winkel BG, Theilade J, et al. Incidence and etiology of sports-related sudden cardiac death in Denmark--implications for preparticipation screening. *Heart Rhythm*. 2010;7(10):1365-1371.
195. Horeczko T, Park JK, Mann C, Milazzo A. Pediatric Emergency Department Study of Cardiac Risk in the Novel Patient (PED SCReeN). *Pediatr Emerg Care*. 2017;33(10):e79-e86.
196. Hua CZ, Miao ZP, Zheng JS, et al. Epidemiological features and viral shedding in children with SARS-CoV-2 infection. *J Med Virol*. 2020;92(11):2804-2812.
197. Huang L, Zhao P, Tang D, et al. Cardiac Involvement in Patients Recovered From COVID-2019 Identified Using Magnetic Resonance Imaging. *JACC Cardiovascular imaging*. 2020;13(11):2330-2339.
198. Hunt SC, Gwinn M, Adams TD. Family history assessment: strategies for prevention of cardiovascular disease. *Am J Prev Med*. 2003;24(2):136-142.
199. Iacobazzi D, Baquedano M, Madeddu P, Caputo M. COVID-19, State of the Adult and Pediatric Heart: From Myocardial Injury to Cardiac Effect of Potential Therapeutic Intervention. *Front Cardiovasc Med*. 2020;7:140.
200. Iams HD. Diagnosis and management of Marfan syndrome. *Current sports medicine reports*. 2010;9(2):93-98.
201. Idriss SF, Berger S, Harmon KG, et al. Prevention of sudden cardiac death in the young: Developing a rational, reliable, and sustainable national health care resource. A report from the Cardiac Safety Research Consortium. *Am Heart J*. 2017;190:123-131.
202. Ilina MV, Kepron CA, Taylor GP, Perrin DG, Kantor PF, Somers GR. Undiagnosed heart disease leading to sudden unexpected death in childhood: a retrospective study. *Pediatrics*. 2011;128(3):e513-520.
203. Jahn K. Vertigo and dizziness in children. *Handb Clin Neurol*. 2016;137:353-363.
204. Jahn K, Langhagen T, Heinen F. Vertigo and dizziness in children. *Curr Opin Neurol*. 2015;28(1):78-82.
205. Jahn K, Langhagen T, Schroeder AS, Heinen F. Vertigo and dizziness in childhood - update on diagnosis and treatment. *Neuropediatrics*. 2011;42(4):129-134.
206. Janssens AC, Henneman L, Detmar SB, et al. Accuracy of self-reported family history is strongly influenced by the accuracy of self-reported personal health status of relatives. *J Clin Epidemiol*. 2012;65(1):82-89.
207. Jayaram N, McNally B, Tang F, Chan PS. Survival After Out-of-Hospital Cardiac Arrest in Children. *J Am Heart Assoc*. 2015;4(10):e002122.
208. Jayaraman R, Reinier K, Nair S, et al. Risk Factors of Sudden Cardiac Death in the Young: Multiple-Year Community-Wide Assessment. *Circulation*. 2018;137(15):1561-1570.
209. Johnson ER, Etheridge SP, Minich LL, Bardsley T, Heywood M, Menon SC. Practice variation and resource use in the evaluation of pediatric vasovagal syncope: are pediatric cardiologists over-testing? *Pediatr Cardiol*. 2014;35(5):753-758.
210. Joshi K, Kaplan D, Bakar A, et al. Cardiac Dysfunction and Shock in Pediatric Patients With COVID-19. *JACC Case Rep*. 2020;2(9):1267-1270.
211. Judge DP, Dietz HC. Marfan's syndrome. *Lancet*. 2005;366(9501):1965-1976.
212. Jukic I, Calleja-Gonzalez J, Cos F, et al. Strategies and Solutions for Team Sports Athletes in Isolation due to COVID-19. *Sports (Basel)*. 2020;8(4).
213. Junttila MJ, Hookana E, Kaikkonen KS, Kortelainen ML, Myerburg RJ, Huikuri HV. Temporal Trends in the Clinical and Pathological Characteristics of Victims of Sudden Cardiac Death in the Absence of Previously Identified Heart Disease. *Circ Arrhythm Electrophysiol*. 2016;9(6).
214. Kahn JS, Weseley AJ. When the third degree is necessary: do pediatricians obtain enough information to detect patients at risk for HCM? *Pediatr Cardiol*. 2008;29(3):589-596.
215. Kaltman JR, Thompson PD, Lantos J, et al. Screening for sudden cardiac death in the young: report from a national heart, lung, and blood institute working group. *Circulation*. 2011;123(17):1911-1918.
216. Kane DA, Fulton DR, Saleeb S, Zhou J, Lock JE, Geggel RL. Needles in hay: chest pain as the presenting symptom in children with serious underlying cardiac pathology. *Congenit Heart Dis*. 2010;5(4):366-373.
217. Kemper AR, Mahle WT, Martin GR, et al. Strategies for implementing screening for critical congenital heart disease. *Pediatrics*. 2011;128(5):e1259-1267.
218. Khoury MJ, Feero WG, Valdez R. Family history and personal genomics as tools for improving health in an era of evidence-based medicine. *Am J Prev Med*. 2010;39(2):184-188.

219. Kitamura T, Iwami T, Kawamura T, et al. Time-dependent effectiveness of chest compression-only and conventional cardiopulmonary resuscitation for out-of-hospital cardiac arrest of cardiac origin. *Resuscitation*. 2011;82(1):3-9.
220. Kitamura T, Iwami T, Kawamura T, et al. Conventional and chest-compression-only cardiopulmonary resuscitation by bystanders for children who have out-of-hospital cardiac arrests: a prospective, nationwide, population-based cohort study. *Lancet*. 2010;375(9723):1347-1354.
221. Klok FA, Kruij M, van der Meer NJM, et al. Confirmation of the high cumulative incidence of thrombotic complications in critically ill ICU patients with COVID-19: An updated analysis. *Thromb Res*. 2020;191:148-150.
222. Klok FA, Kruij M, van der Meer NJM, et al. Incidence of thrombotic complications in critically ill ICU patients with COVID-19. *Thromb Res*. 2020;191:145-147.
223. Kluger CZ, Morrison JA, Daniels SR. Preventive practices for adult cardiovascular disease in children. *J Fam Pract*. 1991;33(1):65-72.
224. Kochanek KD, Murphy SL, Xu J, Tejada-Vera B. Deaths: Final Data for 2014. *Natl Vital Stat Rep*. 2016;65(4):1-122.
225. Krahn AD, Healey JS, Chauhan V, et al. Systematic assessment of patients with unexplained cardiac arrest: Cardiac Arrest Survivors With Preserved Ejection Fraction Registry (CASPER). *Circulation*. 2009;120(4):278-285.
226. Kuisma M, Suominen P, Korpela R. Paediatric out-of-hospital cardiac arrests--epidemiology and outcome. *Resuscitation*. 1995;30(2):141-150.
227. Kumar S, Peters S, Thompson T, et al. Familial cardiological and targeted genetic evaluation: low yield in sudden unexplained death and high yield in unexplained cardiac arrest syndromes. *Heart Rhythm*. 2013;10(11):1653-1660.
228. Kung HC, Hoyert DL, Xu J, Murphy SL. Deaths: final data for 2005. *Natl Vital Stat Rep*. 2008;56(10):1-120.
229. Laitinen TT, Pahkala K, Magnussen CG, et al. Ideal cardiovascular health in childhood and cardiometabolic outcomes in adulthood: the Cardiovascular Risk in Young Finns Study. *Circulation*. 2012;125(16):1971-1978.
230. Landry CH, Allan KS, Connelly KA, et al. Sudden Cardiac Arrest during Participation in Competitive Sports. *N Engl J Med*. 2017;377(20):1943-1953.
231. Lands LC. Dyspnea in Children: What is driving it and how to approach it. *Paediatr Respir Rev*. 2017;24:29-31.
232. Larsen MP, Eisenberg MS, Cummins RO, Hallstrom AP. Predicting survival from out-of-hospital cardiac arrest: a graphic model. *Ann Emerg Med*. 1993;22(11):1652-1658.
233. Lechien JR, Chiesa-Estomba CM, Place S, et al. Clinical and epidemiological characteristics of 1420 European patients with mild-to-moderate coronavirus disease 2019. *J Intern Med*. 2020;288(3):335-344.
234. Lehman PJ, Carl RL. The Preparticipation Physical Evaluation. *Pediatr Ann*. 2017;46(3):e85-e92.
235. Leslie LK, Cohen JT, Newburger JW, et al. Costs and benefits of targeted screening for causes of sudden cardiac death in children and adolescents. *Circulation*. 2012;125(21):2621-2629.
236. Li S, Chen W, Srinivasan SR, et al. Childhood cardiovascular risk factors and carotid vascular changes in adulthood: the Bogalusa Heart Study. *Jama*. 2003;290(17):2271-2276.
237. Liberthson RR. Sudden death from cardiac causes in children and young adults. *N Engl J Med*. 1996;334(16):1039-1044.
238. Lindner D, Fitzek A, Brauninger H, et al. Association of Cardiac Infection With SARS-CoV-2 in Confirmed COVID-19 Autopsy Cases. *JAMA Cardiol*. 2020;5(11):1281-1285.
239. Lippi G, Cervellin G, Sanchis-Gomar F. Energy Drinks and Myocardial Ischemia: A Review of Case Reports. *Cardiovasc Toxicol*. 2016;16(3):207-212.
240. Lu X, Xiang Y, Du H, Wing-Kin Wong G. SARS-CoV-2 infection in children - Understanding the immune responses and controlling the pandemic. *Pediatr Allergy Immunol*. 2020;31(5):449-453.
241. Lu X, Zhang L, Du H, et al. SARS-CoV-2 Infection in Children. *N Engl J Med*. 2020;382(17):1663-1665.
242. Lu Y, Li Y, Deng W, et al. Symptomatic Infection is Associated with Prolonged Duration of Viral Shedding in Mild Coronavirus Disease 2019: A Retrospective Study of 110 Children in Wuhan. *Pediatr Infect Dis J*. 2020;39(7):e95-e99.
243. Madsen NL, Drezner JA, Salerno JC. Sudden cardiac death screening in adolescent athletes: an evaluation of compliance with national guidelines. *Br J Sports Med*. 2013;47(3):172-177.
244. Madsen NL, Drezner JA, Salerno JC. Sudden cardiac death screening in adolescent athletes: an evaluation of compliance with national guidelines. *Br J Sports Med*. 2013;47(3):172-177.

245. Maggi R, Solari D, Brignole M. [What's new in the 2018 ESC guidelines for the diagnosis and management of syncope?]. *G Ital Cardiol (Rome)*. 2018;19(12):668-671.
246. Magnussen CG, Niinikoski H, Juonala M, et al. When and how to start prevention of atherosclerosis? Lessons from the Cardiovascular Risk in the Young Finns Study and the Special Turku Coronary Risk Factor Intervention Project. *Pediatr Nephrol*. 2012;27(9):1441-1452.
247. Mahaffey BL. COVID-19 Guidelines for Sports and Physical Activity. *Mo Med*. 2020;117(3):205-206.
248. Mahle WT, Martin GR, Beekman RH, 3rd, Morrow WR, Section on C, Cardiac Surgery Executive C. Endorsement of Health and Human Services recommendation for pulse oximetry screening for critical congenital heart disease. *Pediatrics*. 2012;129(1):190-192.
249. Mahle WT, Sable CA, Matherne PG, Gaynor JW, Gewitz MH, American Heart Association Congenital Heart Defects Committee of the Council on Cardiovascular Disease in the Y. Key concepts in the evaluation of screening approaches for heart disease in children and adolescents: a science advisory from the American Heart Association. *Circulation*. 2012;125(22):2796-2801.
250. Malhotra A, Dhutia H, Finocchiaro G, et al. Outcomes of Cardiac Screening in Adolescent Soccer Players. *N Engl J Med*. 2018;379(6):524-534.
251. Malhotra A, Sharma S. Outcomes of Cardiac Screening in Adolescent Soccer Players. *N Engl J Med*. 2018;379(21):2084.
252. Malhotra R, West JJ, Dent J, et al. Cost and yield of adding electrocardiography to history and physical in screening Division I intercollegiate athletes: a 5-year experience. *Heart Rhythm*. 2011;8(5):721-727.
253. Maron BJ. The paradox of exercise. *N Engl J Med*. 2000;343(19):1409-1411.
254. Maron BJ. Sudden death in young athletes. *N Engl J Med*. 2003;349(11):1064-1075.
255. Maron BJ, Carney KP, Lever HM, et al. Relationship of race to sudden cardiac death in competitive athletes with hypertrophic cardiomyopathy. *J Am Coll Cardiol*. 2003;41(6):974-980.
256. Maron BJ, Doerer JJ, Haas TS, Tierney DM, Mueller FO. Sudden deaths in young competitive athletes: analysis of 1866 deaths in the United States, 1980-2006. *Circulation*. 2009;119(8):1085-1092.
257. Maron BJ, Epstein SE, Roberts WC. Causes of sudden death in competitive athletes. *J Am Coll Cardiol*. 1986;7(1):204-214.
258. Maron BJ, Estes NAM, 3rd, Maron MS. Is It Fair to Screen Only Competitive Athletes for Sudden Death Risk, or Is It Time to Level the Playing Field? *Am J Cardiol*. 2018;121(8):1008-1010.
259. Maron BJ, Friedman RA, Kligfield P, et al. Assessment of the 12-lead ECG as a screening test for detection of cardiovascular disease in healthy general populations of young people (12-25 Years of Age): a scientific statement from the American Heart Association and the American College of Cardiology. *Circulation*. 2014;130(15):1303-1334.
260. Maron BJ, Gardin JM, Flack JM, Gidding SS, Kurosaki TT, Bild DE. Prevalence of hypertrophic cardiomyopathy in a general population of young adults. Echocardiographic analysis of 4111 subjects in the CARDIA Study. Coronary Artery Risk Development in (Young) Adults. *Circulation*. 1995;92(4):785-789.
261. Maron BJ, Gohman TE, Aeppli D. Prevalence of sudden cardiac death during competitive sports activities in Minnesota high school athletes. *J Am Coll Cardiol*. 1998;32(7):1881-1884.
262. Maron BJ, Haas TS, Ahluwalia A, Murphy CJ, Garberich RF. Demographics and Epidemiology of Sudden Deaths in Young Competitive Athletes: From the United States National Registry. *Am J Med*. 2016;129(11):1170-1177.
263. Maron BJ, Haas TS, Ahluwalia A, Rutten-Ramos SC. Incidence of cardiovascular sudden deaths in Minnesota high school athletes. *Heart Rhythm*. 2013;10(3):374-377.
264. Maron BJ, Haas TS, Doerer JJ, Thompson PD, Hodges JS. Comparison of U.S. and Italian experiences with sudden cardiac deaths in young competitive athletes and implications for preparticipation screening strategies. *Am J Cardiol*. 2009;104(2):276-280.
265. Maron BJ, Haas TS, Duncanson ER, Garberich RF, Baker AM, Mackey-Bojack S. Comparison of the Frequency of Sudden Cardiovascular Deaths in Young Competitive Athletes Versus Nonathletes: Should We Really Screen Only Athletes? *Am J Cardiol*. 2016;117(8):1339-1341.
266. Maron BJ, Haas TS, Murphy CJ, Ahluwalia A, Rutten-Ramos S. Incidence and causes of sudden death in U.S. college athletes. *J Am Coll Cardiol*. 2014;63(16):1636-1643.
267. Maron BJ, Levine BD, Washington RL, et al. Eligibility and Disqualification Recommendations for Competitive Athletes With Cardiovascular Abnormalities: Task Force 2: Preparticipation Screening for Cardiovascular

- Disease in Competitive Athletes: A Scientific Statement From the American Heart Association and American College of Cardiology. *Circulation*. 2015;132(22):e267-272.
268. Maron BJ, Levine BD, Washington RL, et al. Eligibility and Disqualification Recommendations for Competitive Athletes With Cardiovascular Abnormalities: Task Force 2: Preparticipation Screening for Cardiovascular Disease in Competitive Athletes: A Scientific Statement From the American Heart Association and American College of Cardiology. *Circulation*. 2015;132(22):e267-272.
269. Maron BJ, Roberts WC, McAllister HA, Rosing DR, Epstein SE. Sudden death in young athletes. *Circulation*. 1980;62(2):218-229.
270. Maron BJ, Shirani J, Poliac LC, Mathenge R, Roberts WC, Mueller FO. Sudden death in young competitive athletes. Clinical, demographic, and pathological profiles. *Jama*. 1996;276(3):199-204.
271. Maron BJ, Thompson PD, Ackerman MJ, et al. Recommendations and considerations related to preparticipation screening for cardiovascular abnormalities in competitive athletes: 2007 update: a scientific statement from the American Heart Association Council on Nutrition, Physical Activity, and Metabolism: endorsed by the American College of Cardiology Foundation. *Circulation*. 2007;115(12):1643-1455.
272. Maron BJ, Zipes DP, Kovacs RJ, et al. Eligibility and Disqualification Recommendations for Competitive Athletes With Cardiovascular Abnormalities: Preamble, Principles, and General Considerations: A Scientific Statement From the American Heart Association and American College of Cardiology. *Circulation*. 2015;132(22):e256-261.
273. Mavrogeni SI, Tsarouhas K, Spandidos DA, Kanaka-Gantenbein C, Bacopoulou F. Sudden cardiac death in football players: Towards a new pre-participation algorithm. *Exp Ther Med*. 2019;17(2):1143-1148.
274. McGill HC, Jr., McMahan CA. Determinants of atherosclerosis in the young. Pathobiological Determinants of Atherosclerosis in Youth (PDAY) Research Group. *Am J Cardiol*. 1998;82(10B):30T-36T.
275. McKinney J, Connelly KA, Dorian P, et al. COVID-19 - Myocarditis and Return-to-play: Reflections and Recommendations from a Canadian Working Group. *Can J Cardiol*. 2020.
276. McKinney J, Lithwick DJ, Morrison BN, et al. Detecting Underlying Cardiovascular Disease in Young Competitive Athletes. *Can J Cardiol*. 2017;33(1):155-161.
277. Mehra B, Gupta S. Correction to: Common Pediatric Medical Emergencies in Office Practice. *Indian J Pediatr*. 2018;85(2):164.
278. Mehra B, Gupta S. Common Pediatric Medical Emergencies in Office Practice. *Indian J Pediatr*. 2018;85(1):35-43.
279. Meyer L, Stubbs B, Fahrenbruch C, et al. Incidence, causes, and survival trends from cardiovascular-related sudden cardiac arrest in children and young adults 0 to 35 years of age: a 30-year review. *Circulation*. 2012;126(11):1363-1372.
280. Miao H, Li H, Yao Y, et al. Update on recommendations for the diagnosis and treatment of SARS-CoV-2 infection in children. *Eur J Clin Microbiol Infect Dis*. 2020;39(12):2211-2223.
281. Mikola H, Pahkala K, Ronnema T, et al. Distensibility of the aorta and carotid artery and left ventricular mass from childhood to early adulthood. *Hypertension*. 2015;65(1):146-152.
282. Miles C, Fanton Z, Tome M, Behr ER. Inherited cardiomyopathies. *BMJ*. 2019;365:11570.
283. Milman A, Andorin A, Gourraud JB, et al. Profile of patients with Brugada syndrome presenting with their first documented arrhythmic event: Data from the Survey on Arrhythmic Events in BRUGADA Syndrome (SABRUS). *Heart Rhythm*. 2018;15(5):716-724.
284. Mirabelli MH, Devine MJ, Singh J, Mendoza M. The Preparticipation Sports Evaluation. *Am Fam Physician*. 2015;92(5):371-376.
285. Mitrani RD, Myerburg RJ. Ten advances defining sudden cardiac death. *Trends Cardiovasc Med*. 2016;26(1):23-33.
286. Morentin B, Aguilera B, Garamendi PM, Suarez-Mier MP. Sudden unexpected non-violent death between 1 and 19 years in north Spain. *Arch Dis Child*. 2000;82(6):456-461.
287. Morentin B, Suarez-Mier MP, Aguilera B. Sudden unexplained death among persons 1-35 years old. *Forensic Sci Int*. 2003;135(3):213-217.
288. Morris JA, Harrison L, Brodison A, Lauder R. Sudden infant death syndrome and cardiac arrhythmias. *Future Cardiol*. 2009;5(2):201-207.
289. Morris VB, Keelan T, Leen E, et al. Sudden cardiac death in the young: a 1-year post-mortem analysis in the Republic of Ireland. *Ir J Med Sci*. 2009;178(3):257-261.

290. Muncie HL, Sirmans SM, James E. Dizziness: Approach to Evaluation and Management. *Am Fam Physician*. 2017;95(3):154-162.
291. Murff HJ, Greevy RA, Syngal S. The comprehensiveness of family cancer history assessments in primary care. *Community Genet*. 2007;10(3):174-180.
292. Myerburg RJ. Sudden cardiac death: exploring the limits of our knowledge. *J Cardiovasc Electrophysiol*. 2001;12(3):369-381.
293. Myerburg RJ. Electrocardiographic screening of children and adolescents: the search for hidden risk. *Eur Heart J*. 2016;37(31):2498-2501.
294. Napolitano C, Bloise R, Monteforte N, Priori SG. Sudden cardiac death and genetic ion channelopathies: long QT, Brugada, short QT, catecholaminergic polymorphic ventricular tachycardia, and idiopathic ventricular fibrillation. *Circulation*. 2012;125(16):2027-2034.
295. Nava A, Bauce B, Basso C, et al. Clinical profile and long-term follow-up of 37 families with arrhythmogenic right ventricular cardiomyopathy. *J Am Coll Cardiol*. 2000;36(7):2226-2233.
296. Neal AE, Lehto E, Miller KH, Davis E, Ziegler C. A qualitative assessment of pediatric cardiology core content: Comments from Kentucky trainees, pediatricians, and pediatric cardiologists. *Congenit Heart Dis*. 2018;13(5):788-793.
297. Neal AE, Lehto E, Miller KH, Ziegler C, Davis E. Using a statewide survey methodology to prioritize pediatric cardiology core content. *Congenit Heart Dis*. 2018;13(1):147-153.
298. Neuspiel DR, Kuller LH. Sudden and unexpected natural death in childhood and adolescence. *Jama*. 1985;254(10):1321-1325.
299. Ng YY, Wah W, Liu N, et al. Associations between gender and cardiac arrest outcomes in Pan-Asian out-of-hospital cardiac arrest patients. *Resuscitation*. 2016;102:116-121.
300. Niinikoski H, Jula A, Viikari J, et al. Blood pressure is lower in children and adolescents with a low-saturated-fat diet since infancy: the special turku coronary risk factor intervention project. *Hypertension*. 2009;53(6):918-924.
301. Niinikoski H, Lagstrom H, Jokinen E, et al. Impact of repeated dietary counseling between infancy and 14 years of age on dietary intakes and serum lipids and lipoproteins: the STRIP study. *Circulation*. 2007;116(9):1032-1040.
302. Niinikoski H, Lagstrom H, Jokinen E, et al. Impact of repeated dietary counseling between infancy and 14 years of age on dietary intakes and serum lipids and lipoproteins: the STRIP study. *Circulation*. 2007;116(9):1032-1040.
303. Nupponen M, Pahkala K, Juonala M, et al. Metabolic syndrome from adolescence to early adulthood: effect of infancy-onset dietary counseling of low saturated fat: the Special Turku Coronary Risk Factor Intervention Project (STRIP). *Circulation*. 2015;131(7):605-613.
304. Oberweis ML, Codreanu A, Boehm W, et al. Pediatric Life-Threatening Coronavirus Disease 2019 With Myocarditis. *Pediatr Infect Dis J*. 2020;39(7):e147-e149.
305. O'Neill SM, Rubinstein WS, Wang C, et al. Familial risk for common diseases in primary care: the Family Healthcare Impact Trial. *Am J Prev Med*. 2009;36(6):506-514.
306. Ong ME, Osmond MH, Gerein R, et al. Comparing pre-hospital clinical diagnosis of pediatric out-of-hospital cardiac arrest with etiology by coroner's diagnosis. *Resuscitation*. 2007;72(1):26-34.
307. Ong ME, Stiell I, Osmond MH, et al. Etiology of pediatric out-of-hospital cardiac arrest by coroner's diagnosis. *Resuscitation*. 2006;68(3):335-342.
308. Oranta O, Pahkala K, Ruottinen S, et al. Infancy-onset dietary counseling of low-saturated-fat diet improves insulin sensitivity in healthy adolescents 15-20 years of age: the Special Turku Coronary Risk Factor Intervention Project (STRIP) study. *Diabetes Care*. 2013;36(10):2952-2959.
309. Pahkala K, Hietalampi H, Laitinen TT, et al. Ideal cardiovascular health in adolescence: effect of lifestyle intervention and association with vascular intima-media thickness and elasticity (the Special Turku Coronary Risk Factor Intervention Project for Children [STRIP] study). *Circulation*. 2013;127(21):2088-2096.
310. Papadakis M, Sharma S, Cox S, Sheppard MN, Panoulas VF, Behr ER. The magnitude of sudden cardiac death in the young: a death certificate-based review in England and Wales. *Europace*. 2009;11(10):1353-1358.
311. Paris Y, Toro-Salazar OH, Gauthier NS, et al. Regional Implementation of a Pediatric Cardiology Syncope Algorithm Using Standardized Clinical Assessment and Management Plans (SCAMPS) Methodology. *J Am Heart Assoc*. 2016;5(2).

312. Park CB, Shin SD, Suh GJ, et al. Pediatric out-of-hospital cardiac arrest in Korea: A nationwide population-based study. *Resuscitation*. 2010;81(5):512-517.
313. Park JK. Palpitations and Arrhythmias and Sudden Cardiac Arrest/Sudden Cardiac Death in Children and Adolescents. *Pediatr Ann*. 2015;44(12):e279-286.
314. Parshall MB, Schwartzstein RM, Adams L, et al. An official American Thoracic Society statement: update on the mechanisms, assessment, and management of dyspnea. *Am J Respir Crit Care Med*. 2012;185(4):435-452.
315. Patel A, Webster G, Ward K, Lantos J. A survey of paediatricians on the use of electrocardiogram for pre-participation sports screening. *Cardiol Young*. 2017;27(5):884-889.
316. Pelliccia A. Return to play after the COVID-19 pandemic: a commentary by the Editor in Chief. *The Journal of sports medicine and physical fitness*. 2020;60(5):675-676.
317. Pelliccia A. Return to play after the COVID-19 pandemic: a commentary by the Editor in Chief. *The Journal of sports medicine and physical fitness*. 2020;60(5):675-676.
318. Perillo Filho M, Francisco RC, Garcia TG, et al. Sports in Covid-19 Times: Heart Alert. *Arq Bras Cardiol*. 2020;115(3):303-307.
319. Phelan D, Kim JH, Chung EH. A Game Plan for the Resumption of Sport and Exercise After Coronavirus Disease 2019 (COVID-19) Infection. *JAMA Cardiol*. 2020.
320. Phelan D, Kim JH, Chung EH. A Game Plan for the Resumption of Sport and Exercise After Coronavirus Disease 2019 (COVID-19) Infection. *JAMA Cardiol*. 2020.
321. Phelan D, Kim JH, Elliott MD, et al. Screening of Potential Cardiac Involvement in Competitive Athletes Recovering From COVID-19: An Expert Consensus Statement. *JACC Cardiovascular imaging*. 2020;13(12):2635-2652.
322. Pianosi PT. Exertional Dyspnea in Childhood: Is There an Iceberg Beneath the Apex? *Pediatr Exerc Sci*. 2018;30(4):442-449.
323. Pianosi PT, Huebner M, Zhang Z, Turchetta A, McGrath PJ. Dalhousie Pictorial Scales Measuring Dyspnea and Perceived Exertion during Exercise for Children and Adolescents. *Ann Am Thorac Soc*. 2015;12(5):718-726.
324. Pilmer CM, Kirsh JA, Hildebrandt D, Krahn AD, Gow RM. Sudden cardiac death in children and adolescents between 1 and 19 years of age. *Heart Rhythm*. 2014;11(2):239-245.
325. Post RE, Dickerson LM. Dizziness: a diagnostic approach. *Am Fam Physician*. 2010;82(4):361-368, 369.
326. Prutkin JM, Drezner JA. Training and Experience Matter: Improving Athlete ECG Screening, Interpretation, and Reproducibility. *Circ Cardiovasc Qual Outcomes*. 2017;10(8):e003881.
327. Puntmann VO, Carerj ML, Wieters I, et al. Outcomes of Cardiovascular Magnetic Resonance Imaging in Patients Recently Recovered From Coronavirus Disease 2019 (COVID-19). *JAMA Cardiol*. 2020;5(11):1265-1273.
328. Puranik R, Chow CK, Duflou JA, Kilborn MJ, McGuire MA. Sudden death in the young. *Heart Rhythm*. 2005;2(12):1277-1282.
329. Quigley F. A survey of the causes of sudden death in sport in the Republic of Ireland. *Br J Sports Med*. 2000;34(4):258-261.
330. Quigley F, Greene M, O'Connor D, Kelly F. A survey of the causes of sudden cardiac death in the under 35-year-age group. *Ir Med J*. 2005;98(8):232-235.
331. Raitakari OT, Juonala M, Kahonen M, et al. Cardiovascular risk factors in childhood and carotid artery intima-media thickness in adulthood: the Cardiovascular Risk in Young Finns Study. *Jama*. 2003;290(17):2277-2283.
332. Raitakari OT, Ronnema T, Jarvisalo MJ, et al. Endothelial function in healthy 11-year-old children after dietary intervention with onset in infancy: the Special Turku Coronary Risk Factor Intervention Project for children (STRIP). *Circulation*. 2005;112(24):3786-3794.
333. Rajagopalan K, Potts JE, Sanatani S. Minimally invasive approach to the child with palpitations. *Expert Rev Cardiovasc Ther*. 2006;4(5):681-693.
334. Rajpal S, Tong MS, Borchers J, et al. Cardiovascular Magnetic Resonance Findings in Competitive Athletes Recovering From COVID-19 Infection. *JAMA Cardiol*. 2020.
335. Ranney ML, Madsen T, Gjelsvik A. Predictors of being unsafe: participation in the Behavioral Risk Factor Surveillance System 2006 intimate partner violence module. *J Interpers Violence*. 2012;27(1):84-102.
336. Rasten-Almqvist P, Rajs J. Cardiovascular malformations and sudden death in infancy. *Am J Forensic Med Pathol*. 2004;25(2):134-140.
337. Raucci U, Vanacore N, Paolino MC, et al. Vertigo/dizziness in pediatric emergency department: Five years' experience. *Cephalalgia*. 2016;36(6):593-598.

338. Ravid S, Bienkowski R, Eviatar L. A simplified diagnostic approach to dizziness in children. *Pediatr Neurol.* 2003;29(4):317-320.
339. Rich EC, Burke W, Heaton CJ, et al. Reconsidering the family history in primary care. *J Gen Intern Med.* 2004;19(3):273-280.
340. Risgaard B. Sudden cardiac death: a nationwide cohort study among the young. *Dan Med J.* 2016;63(12).
341. Risgaard B, Winkel BG, Jabbari R, et al. Burden of sudden cardiac death in persons aged 1 to 49 years: nationwide study in Denmark. *Circ Arrhythm Electrophysiol.* 2014;7(2):205-211.
342. Risgaard B, Winkel BG, Jabbari R, et al. Sports-related sudden cardiac death in a competitive and a noncompetitive athlete population aged 12 to 49 years: data from an unselected nationwide study in Denmark. *Heart Rhythm.* 2014;11(10):1673-1681.
343. Roberts WO, Stovitz SD. Incidence of sudden cardiac death in Minnesota high school athletes 1993-2012 screened with a standardized pre-participation evaluation. *J Am Coll Cardiol.* 2013;62(14):1298-1301.
344. Rodday AM, Triedman JK, Alexander ME, et al. Electrocardiogram screening for disorders that cause sudden cardiac death in asymptomatic children: a meta-analysis. *Pediatrics.* 2012;129(4):e999-1010.
345. Rogo T, Mathur K, Purswani M. Systemic Inflammation With Cardiac Involvement in Pediatric Patients With Evidence of COVID-19 in a Community Hospital in the Bronx, New York. *J Pediatric Infect Dis Soc.* 2020;9(4):502-503.
346. Rohatgi RK, Bos JM, Ackerman MJ. Stimulant therapy in children with attention-deficit/hyperactivity disorder and concomitant long QT syndrome: A safe combination? *Heart Rhythm.* 2015;12(8):1807-1812.
347. Romano Spica V, Galle F, Baldelli G, et al. Swimming Pool safety and prevention at the time of Covid-19: a consensus document from GSMS-SItI. *Ann Ig.* 2020;32(5):439-448.
348. Rosal MC, Ockene JK, Luckmann R, et al. Coronary heart disease multiple risk factor reduction. Providers' perspectives. *Am J Prev Med.* 2004;27(2 Suppl):54-60.
349. Sabatino J, Ferrero P, Chessa M, et al. COVID-19 and Congenital Heart Disease: Results from a Nationwide Survey. *J Clin Med.* 2020;9(6).
350. Sakai-Bizmark R, Friedlander SMI, Marr EH, Mena LA, Corral I, Chang RR. Patient Characteristics and Emergency Department Factors Associated with Survival After Sudden Cardiac Arrest in Children and Young Adults: A Cross-Sectional Analysis of a Nationally Representative Sample, 2006-2013. *Pediatr Cardiol.* 2018;39(6):1216-1228.
351. Saleeb SF, McLaughlin SR, Graham DA, Friedman KG, Fulton DR. Resource reduction in pediatric chest pain: Standardized clinical assessment and management plan. *Congenit Heart Dis.* 2018;13(1):46-51.
352. Samuels JA, Franco K, Wan F, Sorof JM. Effect of stimulants on 24-h ambulatory blood pressure in children with ADHD: a double-blind, randomized, cross-over trial. *Pediatr Nephrol.* 2006;21(1):92-95.
353. Sanchis-Gomar F, Leischik R, Lippi G. Energy drinks: Increasing evidence of negative cardiovascular effects. *Int J Cardiol.* 2016;206:153.
354. Sanchis-Gomar F, Pareja-Galeano H, Cervellin G, Lippi G, Earnest CP. Energy drink overconsumption in adolescents: implications for arrhythmias and other cardiovascular events. *Can J Cardiol.* 2015;31(5):572-575.
355. Schattenkerk J, Kucera K, Peterson DF, Huggins RA, Drezner JA. Socioeconomic factors and outcomes from exercise-related sudden cardiac arrest in high school student-athletes in the USA. *Br J Sports Med.* 2022 Feb;56(3):138-143. doi: 10.1136/bjsports-2021-104486. Epub 2021 Oct 29. PMID: 34716143; PMCID: PMC8785056.
356. Schellhorn P, Klingel K, Burgstahler C. Return to sports after COVID-19 infection. *Eur Heart J.* 2020;41(46):4382-4384.
357. Scheuner MT, Wang SJ, Raffel LJ, Larabell SK, Rotter JI. Family history: a comprehensive genetic risk assessment method for the chronic conditions of adulthood. *Am J Med Genet.* 1997;71(3):315-324.
358. Schmeihil C, Malhotra D, Patel DR. Cardiac screening to prevent sudden death in young athletes. *Transl Pediatr.* 2017;6(3):199-206.
359. Section on C, Cardiac S. Pediatric sudden cardiac arrest. *Pediatrics.* 2012;129(4):e1094-1102.
360. Seifert SM, Schaechter JL, Hershorer ER, Lipshultz SE. Health effects of energy drinks on children, adolescents, and young adults. *Pediatrics.* 2011;127(3):511-528.
361. Semsarian C, Hamilton RM. Key role of the molecular autopsy in sudden unexpected death. *Heart Rhythm.* 2012;9(1):145-150.
362. Semsarian C, Ingles J, Wilde AA. Sudden cardiac death in the young: the molecular autopsy and a practical approach to surviving relatives. *Eur Heart J.* 2015;36(21):1290-1296.

363. Serratosa-Fernandez L, Pascual-Figal D, Masia-Mondejar MD, et al. Comments on the New International Criteria for Electrocardiographic Interpretation in Athletes. *Rev Esp Cardiol (Engl Ed)*. 2017;70(11):983-990.
364. Sharma S, Whyte G, McKenna WJ. Sudden death from cardiovascular disease in young athletes: fact or fiction? *Br J Sports Med*. 1997;31(4):269-276.
365. Shay CM, Ning H, Allen NB, et al. Status of cardiovascular health in US adults: prevalence estimates from the National Health and Nutrition Examination Surveys (NHANES) 2003-2008. *Circulation*. 2012;125(1):45-56.
366. Shay CM, Ning H, Daniels SR, Rooks CR, Gidding SS, Lloyd-Jones DM. Status of cardiovascular health in US adolescents: prevalence estimates from the National Health and Nutrition Examination Surveys (NHANES) 2005-2010. *Circulation*. 2013;127(13):1369-1376.
367. Shekerdemian LS, Mahmood NR, Wolfe KK, et al. Characteristics and Outcomes of Children With Coronavirus Disease 2019 (COVID-19) Infection Admitted to US and Canadian Pediatric Intensive Care Units. *JAMA Pediatr*. 2020;174(9):868-873.
368. Shen K, Yang Y, Wang T, et al. Diagnosis, treatment, and prevention of 2019 novel coronavirus infection in children: experts' consensus statement. *World J Pediatr*. 2020;16(3):223-231.
369. Shen WK, Edwards WD, Hammill SC, Bailey KR, Ballard DJ, Gersh BJ. Sudden unexpected nontraumatic death in 54 young adults: a 30-year population-based study. *Am J Cardiol*. 1995;76(3):148-152.
370. Shi S, Qin M, Shen B, et al. Association of Cardiac Injury With Mortality in Hospitalized Patients With COVID-19 in Wuhan, China. *JAMA Cardiol*. 2020;5(7):802-810.
371. Shi S, Qin M, Shen B, et al. Association of Cardiac Injury With Mortality in Hospitalized Patients With COVID-19 in Wuhan, China. *JAMA Cardiol*. 2020;5(7):802-810.
372. Sifri RD, Wender R, Paynter N. Cancer risk assessment from family history: gaps in primary care practice. *J Fam Pract*. 2002;51(10):856.
373. Silka MJ. Sudden death due to cardiovascular disease during childhood. *Pediatr Ann*. 1991;20(7):360, 362-367.
374. Sirbaugh PE, Pepe PE, Shook JE, et al. A prospective, population-based study of the demographics, epidemiology, management, and outcome of out-of-hospital pediatric cardiopulmonary arrest. *Ann Emerg Med*. 1999;33(2):174-184.
375. Sirico D, Castaldi B, Ciliberti P, et al. Cardiac imaging in congenital heart disease during the coronavirus disease-2019 pandemic: recommendations from the Working Group on Congenital Heart Disease of the Italian Society of Cardiology. *J Cardiovasc Med (Hagerstown)*. 2020;21(7):467-471.
376. Siripanthong B, Nazarian S, Muser D, et al. Recognizing COVID-19-related myocarditis: The possible pathophysiology and proposed guideline for diagnosis and management. *Heart Rhythm*. 2020;17(9):1463-1471.
377. Skinner JR, Crawford J, Smith W, et al. Prospective, population-based long QT molecular autopsy study of postmortem negative sudden death in 1 to 40 year olds. *Heart Rhythm*. 2011;8(3):412-419.
378. Skinner JR, Dufflou JA, Semsarian C. Reducing sudden death in young people in Australia and New Zealand: the TRAGADY initiative. *Med J Aust*. 2008;189(10):539-540.
379. Solberg EE, Gjertsen F, Haugstad E, Kolsrud L. Sudden death in sports among young adults in Norway. *Eur J Cardiovasc Prev Rehabil*. 2010;17(3):337-341.
380. SoRelle R. Jump in sudden cardiac deaths reported in younger people during past decade. *Circulation*. 2001;103(10):E9019-9021.
381. Spurgeon D. Sudden cardiac deaths rise 10% in young Americans. *BMJ*. 2001;322(7286):573.
382. Steinberger J, Lucas RV, Jr., Edwards JE, Titus JL. Causes of sudden unexpected cardiac death in the first two decades of life. *Am J Cardiol*. 1996;77(11):992-995.
383. Steinvil A, Chundadze T, Zeltser D, et al. Mandatory electrocardiographic screening of athletes to reduce their risk for sudden death proven fact or wishful thinking? *J Am Coll Cardiol*. 2011;57(11):1291-1296.
384. Suarez-Mier MP, Aguilera B, Mosquera RM, Sanchez-de-Leon MS. Pathology of sudden death during recreational sports in Spain. *Forensic Sci Int*. 2013;226(1-3):188-196.
385. Sugishita Y, Iida K, Matsuda M, et al. Sudden death in hypertrophic cardiomyopathy, a guideline to prevention in daily life. *Acta Cardiol*. 1988;43(6):677-688.
386. Susanto M. Dizziness: if not vertigo could it be cardiac disease? *Aust Fam Physician*. 2014;43(5):264-269.
387. Sutton RM, Case E, Brown SP, et al. A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality--A report from the ROC epistry-cardiac arrest. *Resuscitation*. 2015;93:150-157.



388. Svatikova A, Covassin N, Somers KR, et al. A Randomized Trial of Cardiovascular Responses to Energy Drink Consumption in Healthy Adults. *Jama*. 2015;314(19):2079-2082.
389. Szekely Y, Lichter Y, Taieb P, et al. Spectrum of Cardiac Manifestations in COVID-19: A Systematic Echocardiographic Study. *Circulation*. 2020;142(4):342-353.
390. Tabib A, Miras A, Taniere P, Loire R. Undetected cardiac lesions cause unexpected sudden cardiac death during occasional sport activity. A report of 80 cases. *Eur Heart J*. 1999;20(12):900-903.
391. Tan HL, Hofman N, van Langen IM, van der Wal AC, Wilde AA. Sudden unexplained death: heritability and diagnostic yield of cardiological and genetic examination in surviving relatives. *Circulation*. 2005;112(2):207-213.
392. Tan W, Aboulhosn J. The cardiovascular burden of coronavirus disease 2019 (COVID-19) with a focus on congenital heart disease. *Int J Cardiol*. 2020;309:70-77.
393. Tarini BA, McInerney JD. Family history in primary care pediatrics. *Pediatrics*. 2013;132(Suppl 3):S203-210.
394. Tester DJ, Ackerman MJ. Postmortem long QT syndrome genetic testing for sudden unexplained death in the young. *J Am Coll Cardiol*. 2007;49(2):240-246.
395. Thiene G, Nava A, Corrado D, Rossi L, Pennelli N. Right ventricular cardiomyopathy and sudden death in young people. *N Engl J Med*. 1988;318(3):129-133.
396. Thompson PD, Baggish AL, Franklin B, Jaworski C, Riebe D. American College of Sports Medicine Expert Consensus Statement to Update Recommendations for Screening, Staffing, and Emergency Policies to Prevent Cardiovascular Events at Health Fitness Facilities. *Current sports medicine reports*. 2020;19(6):223-231.
397. Thompson PD, Baggish AL, Franklin B, Jaworski C, Riebe D. American College of Sports Medicine Expert Consensus Statement to Update Recommendations for Screening, Staffing, and Emergency Policies to Prevent Cardiovascular Events at Health Fitness Facilities. *Current sports medicine reports*. 2020;19(6):223-231.
398. Toresdahl BG, Rao AL, Harmon KG, Drezner JA. Incidence of sudden cardiac arrest in high school student athletes on school campus. *Heart Rhythm*. 2014;11(7):1190-1194.
399. Tretter JT, Kavey RE. Distinguishing cardiac syncope from vasovagal syncope in a referral population. *J Pediatr*. 2013;163(6):1618-1623 e1611.
400. Tsatsopoulou A, Bossone E. Common presentation of rare diseases: Arrhythmogenic right ventricular cardiomyopathy and its mimics. *Int J Cardiol*. 2018;257:371-377.
401. Tusa RJ, Saada AA, Jr., Niparko JK. Dizziness in childhood. *J Child Neurol*. 1994;9(3):261-274.
402. Udelson JE, Curtis MA, Rowin EJ. Return to Play for Athletes After Coronavirus Disease 2019 Infection-Making High-Stakes Recommendations as Data Evolve. *JAMA Cardiol*. 2020.
403. Ullal AJ, Abdelfattah RS, Ashley EA, Froelicher VF. Hypertrophic Cardiomyopathy as a Cause of Sudden Cardiac Death in the Young: A Meta-Analysis. *Am J Med*. 2016;129(5):486-496 e482.
404. Vaartjes I, Hendrix A, Hertogh EM, et al. Sudden death in persons younger than 40 years of age: incidence and causes. *Eur J Cardiovasc Prev Rehabil*. 2009;16(5):592-596.
405. Vago H, Szabo L, Dohy Z, Merkely B. Cardiac Magnetic Resonance Findings in Patients Recovered From COVID-19: Initial Experiences in Elite Athletes. *JACC Cardiovascular imaging*. 2020.
406. Valdez R, Coates RJ, St Pierre J, Grossniklaus D, Khoury MJ. Knowledge gaps remain in the use of family health history in public health. *Public Health Genomics*. 2011;14(2):94-95.
407. Valdez R, Yoon PW, Qureshi N, Green RF, Khoury MJ. Family history in public health practice: a genomic tool for disease prevention and health promotion. *Annu Rev Public Health*. 2010;31:69-87 61 p following 87.
408. Valenzuela TD, Roe DJ, Nichol G, Clark LL, Spaite DW, Hardman RG. Outcomes of rapid defibrillation by security officers after cardiac arrest in casinos. *N Engl J Med*. 2000;343(17):1206-1209.
409. Van Camp SP, Bloor CM, Mueller FO, Cantu RC, Olson HG. Nontraumatic sports death in high school and college athletes. *Med Sci Sports Exerc*. 1995;27(5):641-647.
410. Vetter VL, Dugan NP, Haley DM, et al. Development of a data set of national cardiovascular deaths in the young. *Am Heart J*. 2014;168(4):568-576 e563.
411. Visram S, Cheetham M, Riby DM, Crossley SJ, Lake AA. Consumption of energy drinks by children and young people: a rapid review examining evidence of physical effects and consumer attitudes. *BMJ Open*. 2016;6(10):e010380.
412. Waller BF, Hawley DA, Clark MA, Pless JE. Incidence of sudden athletic deaths between 1985 and 1990 in Marion County, Indiana. *Clin Cardiol*. 1992;15(11):851-858.
413. Walls T TS. Evaluation of dizziness in children and adolescents. In: Nordli D, Fleisher, FT, Isaacson, GC, ed. Waltham, MA: UpToDate, Inc.

414. Wang C, Sen A, Ruffin MT, et al. Family history assessment: impact on disease risk perceptions. *Am J Prev Med.* 2012;43(4):392-398.
415. Wasfy MM, Hutter AM, Weiner RB. Sudden Cardiac Death in Athletes. *Methodist Debaque Cardiovasc J.* 2016;12(2):76-80.
416. Webster K, Cella D, Yost K. The Functional Assessment of Chronic Illness Therapy (FACIT) Measurement System: properties, applications, and interpretation. *Health Qual Life Outcomes.* 2003;1:79.
417. Weinberger M, Abu-Hasan M. Pseudo-asthma: when cough, wheezing, and dyspnea are not asthma. *Pediatrics.* 2007;120(4):855-864.
418. Weisfeldt ML, Sitlani CM, Ornato JP, et al. Survival after application of automatic external defibrillators before arrival of the emergency medical system: evaluation in the resuscitation outcomes consortium population of 21 million. *J Am Coll Cardiol.* 2010;55(16):1713-1720.
419. Wheeler MT, Heidenreich PA, Froelicher VF, Hlatky MA, Ashley EA. Cost-effectiveness of preparticipation screening for prevention of sudden cardiac death in young athletes. *Ann Intern Med.* 2010;152(5):276-286.
420. Whittaker E, Bamford A, Kenny J, et al. Clinical Characteristics of 58 Children With a Pediatric Inflammatory Multisystem Syndrome Temporally Associated With SARS-CoV-2. *Jama.* 2020;324(3):259-269.
421. Wilde AA, Behr ER. Genetic testing for inherited cardiac disease. *Nat Rev Cardiol.* 2013;10(10):571-583.
422. Williams EA, Pelto HF, Toresdahl BG, et al. Performance of the American Heart Association (AHA) 14-Point Evaluation Versus Electrocardiography for the Cardiovascular Screening of High School Athletes: A Prospective Study. *J Am Heart Assoc.* 2019;8(14):e012235.
423. Williams RR, Hunt SC, Heiss G, et al. Usefulness of cardiovascular family history data for population-based preventive medicine and medical research (the Health Family Tree Study and the NHLBI Family Heart Study). *Am J Cardiol.* 2001;87(2):129-135.
424. Williams RR, Hunt SC, Heiss G, et al. Usefulness of cardiovascular family history data for population-based preventive medicine and medical research (the Health Family Tree Study and the NHLBI Family Heart Study). *Am J Cardiol.* 2001;87(2):129-135.
425. Wilson DP, McNeal C, Blackett P. Pediatric dyslipidemia: recommendations for clinical management. *South Med J.* 2015;108(1):7-14.
426. Wilson MG, Basavarajaiah S, Whyte GP, Cox S, Loosemore M, Sharma S. Efficacy of personal symptom and family history questionnaires when screening for inherited cardiac pathologies: the role of electrocardiography. *Br J Sports Med.* 2008;42(3):207-211.
427. Wilson MG, Hull JH, Rogers J, et al. Cardiorespiratory considerations for return-to-play in elite athletes after COVID-19 infection: a practical guide for sport and exercise medicine physicians. *Br J Sports Med.* 2020;54(19):1157-1161.
428. Winkel BG, Holst AG, Theilade J, et al. Nationwide study of sudden cardiac death in persons aged 1-35 years. *Eur Heart J.* 2011;32(8):983-990.
429. Winkel BG, Larsen MK, Berge KE, et al. The prevalence of mutations in KCNQ1, KCNH2, and SCN5A in an unselected national cohort of young sudden unexplained death cases. *J Cardiovasc Electrophysiol.* 2012;23(10):1092-1098.
430. Winkel BG, Risgaard B, Sadjadieh G, Bundgaard H, Haunso S, Tfelt-Hansen J. Sudden cardiac death in children (1-18 years): symptoms and causes of death in a nationwide setting. *Eur Heart J.* 2014;35(13):868-875.
431. Wisten A, Forsberg H, Krantz P, Messner T. Sudden cardiac death in 15-35-year olds in Sweden during 1992-99. *J Intern Med.* 2002;252(6):529-536.
432. Wisten A, Messner T. Symptoms preceding sudden cardiac death in the young are common but often misinterpreted. *Scand Cardiovasc J.* 2005;39(3):143-149.
433. Wong LC, Roses-Noguer F, Till JA, Behr ER. Cardiac evaluation of pediatric relatives in sudden arrhythmic death syndrome: a 2-center experience. *Circ Arrhythm Electrophysiol.* 2014;7(5):800-806.
434. Wren C. Sudden death in children and adolescents. *Heart.* 2002;88(4):426-431.
435. Wren C, O'Sullivan JJ, Wright C. Sudden death in children and adolescents. *Heart.* 2000;83(4):410-413.
436. Writing Group for Echocardiography in Outpatient Pediatric C, Campbell RM, Douglas PS, et al. ACC/AAP/AHA/ASE/HRS/SCAI/SCCT/SCMR/SOPE 2014 appropriate use criteria for initial transthoracic echocardiography in outpatient pediatric cardiology: a report of the American College of Cardiology Appropriate Use Criteria Task Force, American Academy of Pediatrics, American Heart Association, American Society of Echocardiography, Heart Rhythm Society, Society for Cardiovascular Angiography and

- Interventions, Society of Cardiovascular Computed Tomography, Society for Cardiovascular Magnetic Resonance, and Society of Pediatric Echocardiography. *J Am Soc Echocardiogr*. 2014;27(12):1247-1266.
437. Xiong XL, Wong KK, Chi SQ, et al. Comparative study of the clinical characteristics and epidemiological trend of 244 COVID-19 infected children with or without GI symptoms. *Gut*. 2020.
438. Yeh J. Syncope in Children and Adolescents. *Pediatr Ann*. 2015;44(12):e287-291.
439. Yeh TK, Yeh J. Chest Pain in Pediatrics. *Pediatr Ann*. 2015;44(12):e274-278.
440. Yoon PW, Scheuner MT, Peterson-Oehlke KL, Gwinn M, Faucett A, Khoury MJ. Can family history be used as a tool for public health and preventive medicine? *Genet Med*. 2002;4(4):304-310.
441. Young KD, Gausche-Hill M, McClung CD, Lewis RJ. A prospective, population-based study of the epidemiology and outcome of out-of-hospital pediatric cardiopulmonary arrest. *Pediatrics*. 2004;114(1):157-164.
442. Yousuf O, Chrispin J, Tomaselli GF, Berger RD. Clinical management and prevention of sudden cardiac death. *Circ Res*. 2015;116(12):2020-2040.
443. Zareef RO, Younis NK, Bitar F, Eid AH, Arabi M. COVID-19 in Pediatric Patients: A Focus on CHD Patients. *Front Cardiovasc Med*. 2020;7:612460.
444. Zeltser I, Cannon B, Silvana L, et al. Lessons learned from preparticipation cardiovascular screening in a state funded program. *Am J Cardiol*. 2012;110(6):902-908.
445. Zhang C, Kutiyifa V, Moss AJ, McNitt S, Zareba W, Kaufman ES. Long-QT Syndrome and Therapy for Attention Deficit/Hyperactivity Disorder. *J Cardiovasc Electrophysiol*. 2015;26(10):1039-1044.
446. Zhou F, Yu T, Du R, et al. Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study. *Lancet*. 2020;395(10229):1054-1062.