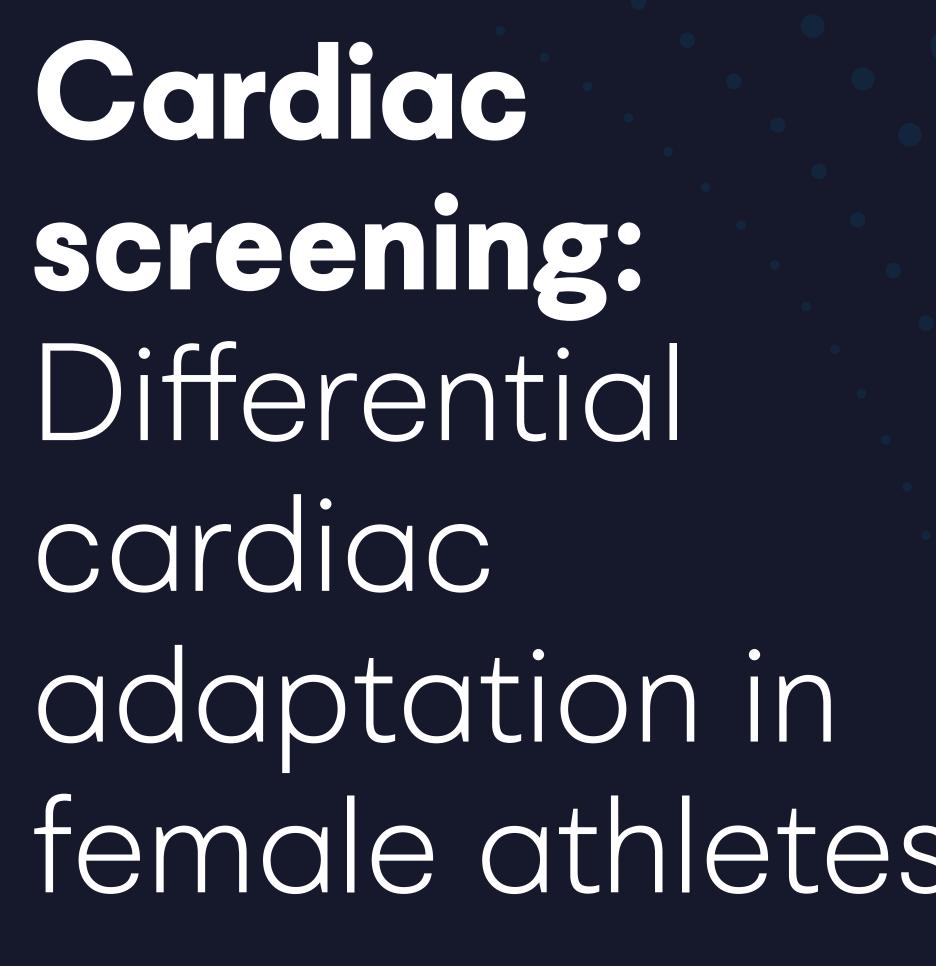


Cardiac screening: Differential cardiac adaptation in female athletes



Cardiac screening in athletes is key to prevent cardiac dysfunction and cardiac sudden death. Several strategies have been related to incidental findings in asymptomatic athletes.

In order to detect abnormalities in the heart of athletes, it is **essential** to understand the normal or physiologic adaptation of the heart to different sportive disciplines. Also, it is know that the adaptation of females differs from that observed in male athletes.



Marta Sitges

Hospital Clinic,

University of Barcelona





Epub 2024 Feb 23. PMID: 38391314; PMCID: PMC11380999.



Lasocka-Koriat Z, Lewicka-Potocka Z, Kaleta-Duss A, Siekierzycka A, Kalinowski L, Lewicka E, Dąbrowska-Kugacka A.

Differences in cardiac adaptation to exercise in male and female athletes assessed by noninvasive techniques: a state-

of-the-art review. Am J Physiol Heart Circ Physiol. 2024 May 1;326(5):H1065-H1079. doi: 10.1152/ajpheart.00756.2023.

D'Ascenzi F, Cavigli L, Marchese A, Taddeucci S, Cappelli E, Roselli A, Bastone G, Lemme E, Serdoz A, Maestrini V, Squeo MR,

Pelliccia A. Electrical and structural remodelling in female athlete's heart: A comparative study in women vs men athletes and

controls. Int J Cardiol. 2024 Apr 1;400:131808. doi: 10.1016/j.ijcard.2024.131808. Epub 2024 Jan 21. PMID: 38262482.