



## Diagnostic Challenges in Sports Cardiology

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### Message from the Guest Editors

When assessing professional or amateur athletes, sports cardiologists are often faced with the problem of differential diagnosis between physiological adaptation to intensive training and suspicion of heart disease. Both false positive and false negative findings may lead to detrimental consequences for the athletes. Recent studies have proposed several algorithms which are helpful in the cardiological assessment of athletes at screening and those with suspicion of a cardiac condition. However, there is limited knowledge on specific groups of athletes, including adolescents, women, veteran or late start athletes, athletes of different ethnical backgrounds or athletes with disabilities. There is also a paucity of prospective data on athletes with known cardiovascular conditions helpful in decision-making towards continued sports eligibility. Finally, diagnostic efficacy in sports cardiology may be improved by application of new imaging techniques, biomarkers, and other promising testing methods. All research related to the described area, including systematic reviews, original research or communications as well as case reports are highly welcomed.





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