



2025

INTERNATIONAL SUMMIT ON ECG INTERPRETATION IN ATHLETES

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THURSDAY, SEPTEMBER 25TH

8:00-8:10	Welcome	Jonathan Drezner
8:10-9:15	Background and Evidence Synthesis	
8:10	<i>International Criteria 2025 (IC25): defining our objective, scope, and process</i>	Jonathan Drezner
8:20	<i>The boundaries of cardiac adaptation to exercise and implications for ECG interpretation</i>	Sanjay Sharma
8:30	<i>Performance of the International Criteria in the cardiovascular screening of young competitive athletes: a systematic review</i>	Nate Moulson
8:40	<i>Diagnostic accuracy of specific ECG abnormalities in young competitive athletes: a systematic review</i>	Brad Petek
8:55	<i>Improving the International Criteria: a Delphi study of sports cardiology and sports medicine experts</i>	Jessica Orchard
9:05	<i>Discussion</i>	
9:30-10:15	Anterior Repolarization Variants	
9:30	<i>Anterior repolarization variants in athletes: is this a normal finding and in whom?</i>	Michael Papadakis
9:40	<i>Anterior repolarization variants in athletes: new data from...</i> <ul style="list-style-type: none"> • The United States • Brazil • Qatar 	Jonathan Kim Ricardo Stein Mat Wilson
10:00	<i>Anterior repolarization variants in athletes: are we sure this is normal?</i>	Maria Brosnan
10:10	<i>Discussion</i>	

10:30-10:45	Break	
10:45-11:30	Premature Ventricular Contractions	
10:45	<i>Understanding PVC morphology: which features are of greatest concern?</i>	Alessandro Zorzi
10:55	<i>PVCs in athletes: is one enough?</i>	Rachel Lampert
11:05	<i>Evaluation of abnormal PVCs in athletes</i>	Jack Salerno
11:15	<i>Discussion</i>	
11:30-12:00	WPW / Ventricular Pre-excitation	
11:30	<i>Asymptomatic WPW: prevalence and risk of SCA/D</i>	Tim Churchill
11:40	<i>Evaluation of asymptomatic WPW in athletes</i>	Eugene Chung
11:50	<i>Discussion</i>	
12:00-12:30	Long QT	
12:00	<i>470/480 Bazett: do we have it right?</i>	Michael Ackerman
12:10	<i>Evaluation of a prolonged QTc in athletes</i>	Belinda Gray
12:20	<i>Discussion</i>	
12:30-1:20	Lunch	
1:20-3:00	ECG 'Potpourri'	
1:20	<i>RBBB and IVCD: normal or abnormal in athletes?</i>	Aaron Baggish
1:30	<i>Borderline ECG findings: do we need the "yellow box"?</i>	Brad Petek
1:40	<i>What defines abnormal ST segment depression?</i>	Jordan Prutkin
1:50	<i>QRS fragmentation: ready for primetime?</i>	Alessandro Zorzi
2:00	<i>Juvenile TWI: prevalence and implications</i>	Guido Pieleles
2:10	<i>Anterior TWI in female athletes: normal or abnormal?</i>	Jessica Orchard
2:20	<i>Multiple PACs: should we be concerned?</i>	Rachel Lampert
2:30	<i>Discussion</i>	
3:00-3:30	Break	
3:30-5:00	Cardiomyopathies	
3:30	<i>Approach to the evaluation of TWI and ST depression in athletes: does location matter?</i>	Dermot Phelan
3:40	<i>Evaluation of a "markedly abnormal" ECG: considerations and differential diagnosis</i>	Matthew Martinez
3:50	<i>Low QRS voltage: definition and implications in athletes</i>	Antonio Pelliccia

4:00	<i>Non-ischemic LV scar: clinical, electrocardiographic, and MRI features</i>	Viviana Maestrini
4:10	<i>ECG abnormalities and the evaluation of arrhythmogenic cardiomyopathy in athletes</i>	Andre La Gerche
4:20	<i>Distinguishing athlete's heart from dilated cardiomyopathy: ECG and cardiac imaging considerations</i>	Sabiha Gati
4:30	<i>Evaluation of pediatric cardiomyopathy</i>	Jonathan Edelson
4:40	<i>Discussion</i>	
5:10	Adjourn	
	FRIDAY, SEPTEMBER 26TH	
8:00-9:00	International Criteria 2025	
8:00	<i>"IC25" – proposed new criteria</i> <ul style="list-style-type: none"> Modeling IC25 in a cohort of 32,000 young active individuals 	Jonathan Drezner
8:30	<i>Discussion</i>	
9:00-10:15	Special Populations	
9:00	<i>ECG findings in Para athletes</i>	Aneil Malhotra
9:10	<i>ECG findings in Masters athletes (age >35)</i>	Mats Borjesson
9:20	<i>Additional considerations in pediatric athletes (age <12)</i>	Cecilia Gonzalez Corcia
9:30	<i>ECG considerations in the tactical athlete</i>	Alaric Franzos
9:40	<i>Exercise-induced cardiac remodeling and ECG considerations in endurance athletes</i>	Guido Claessen
9:50	<i>Exercise – how little is too little? ECG considerations in non-athletes</i>	Gherardo Finocchiaro
10:00	<i>Discussion</i> <ul style="list-style-type: none"> IC25 age range IC25 populations 	
10:15-10:45	ECG Challenges and Interpretation Uncertainties	
10:15	<i>ECG examples and discussion</i>	Jonathan Drezner
10:45-11:00	Break	
11:00	Fine-tuning the Evaluation of ECG Abnormalities	
11:10	<i>Is echocardiography required when CMR is available?</i>	Jonathan Kim
11:20	<i>Alternatives to cardiac imaging if CMR is not available?</i>	David Owens

11:30	<i>Atrial fibrillation in young athletes: prevalence and diagnostic considerations</i>	Hari Raju
11:40	<i>Considerations for genetic testing in the secondary evaluation of ECG abnormalities in athletes</i>	Michael Ackerman
11:50	<i>Work-up pending: sports restriction for ECG abnormalities?</i>	Kimberly Harmon
12:00	<i>Discussion</i>	
12:15-1:00	Next Steps	
12:15	<i>What next? Post-ECG summit</i> <ul style="list-style-type: none"> • <i>Finalize criteria and recommendations for the secondary evaluation of ECG abnormalities</i> • <i>Level of agreement</i> • <i>Authorship, writing assignments, and timeline</i> • <i>Co-publication: BJSM, EHJ, JACC</i> • <i>BJSM Special Issue: ECG interpretation in athletes</i> • <i>ECG training modules</i> • <i>BJSM Live – lasting resource</i> 	Jonathan Drezner
12:30	<i>Discussion</i> <ul style="list-style-type: none"> • <i>Evidence-gaps and research priorities for ECG interpretation in athletes</i> 	
1:00	Adjourn	