October 19 - 20, 2012 The Fairmont Washington, D.C.

AGENDA

Friday, October 19

7:00 a.m. Registration

Continental Breakfast

7:45 a.m. Welcome and Overview

Dr. Kovacs

Session I: Defining the American Athlete and Cardiovascular Adaptation to Sports and Exercise Moderator: Dr. Kovacs

8:00 a.m. The Expanding Role of the Cardiologist and Cardiovascular Care Associate in the Care of the

American Athlete

Dr. Lawless

8:20 a.m. Marathons to Weight Lifting:

Cardiovascular Adaptations to Training and Sport

Dr. Baggish

8:40 a.m. Considerations in Extremes:

Underwater and High Altitude

Drs. Bove and Levine

9:00 a.m. Age Matters:

The Physiology of Pediatric, Adolescent and Ageing Athletes

Dr. Roberts

9:20 a.m. Panel Discussion

Drs. Baggish, Bove, Lawless, Levine and Roberts

9:45 a.m. Break

Session II: Causes, Epidemiology and Prevention of Sudden Death in Athletes

Moderator: Dr. Bove

10:00 a.m. Controversies in the Epidemiology and Treatment of Sudden Death in Athletic Populations

Dr. Thompson

10:15 a.m. Debate: ECG Screening Has a Role to Prevent Sudden Cardiac Arrest in Athletes

Pro

Dr. Vetter

Con

Dr. Levine

10:35 a.m. Pre-participation CVD Screening Programs in the USA: Experience with Varying Models and

Athletes

Youth: Philadelphia High Schools

Dr. Vetter

Collegiate: NCAA Current Practice and Future Initiatives; University of Nebraska

Drs. Asplund and Lawless

Professional: National Football League (NFL) and Major League Soccer (MLS) Cardiac Screening

Programs

Drs. Kovacs and Lawless

11:15 a.m. Principles of Return to Play Recommendations: Pros and Cons of Existing Participation Guidelines

Dr. Lawless

11:30 a.m. Panel Discussion and Questions and Answers

Drs. Asplund, Kovacs, Lawless, Levine, Thompson and Vetter

12:00 p.m. Lunch

Case Study: Anomalous Origination of a Coronary Artery from the Opposite Sinus in a Nine-year-

old Boy

Guest Speakers: Mr. and Mrs. Ludwig

Session III: Interpreting Cardiac Diagnostic Tests in Athletes: Best Practices Moderator: Dr. Thompson

1:30 p.m. How to Interpret an ECG in an American Athlete

Drs. Kovacs, Lawless and Levine

2:00 p.m. Cardiac Imaging in Athletes: Distinguishing Normal from Pathologic

Echo

Dr. Baggish

MRI

Dr. Martinez

Pediatric

Dr. Vetter

2:45 p.m. Role of Genetic Testing in Athletes: Interpretation of Tests

Dr. Link

3:00 p.m. Panel Discussion and Questions and Answers

Drs. Baggish, Kovacs, Lawless, Link, Martinez and Vetter

3:30 p.m. Break

Session IV: Role of the Cardiac Practitioner in Screening, Participation Decisions and Return to Play

3:45 p.m. Cases: Role of the Adult and Pediatric Cardiologist and the Cardiac Care Associate in Participation Decisions: Use and Evidence-base of Guidelines

Drs. Asplund, Baggish, Bove, Daniels, Emery, Kovacs, Lawless, Levine, Link, Martinez, Olshansky, Roberts, Sullivan,

Thompson and Vetter; and Ms. Gordon

Case 1: 18-year-old NCAA Basketball Player with Abnormal Echocardiogram

Case 2: 20-year-old Collegiate Athlete with Near Syncope and Rhythm Disturbance

Case 3: 35-year-old Male Bodybuilder with Atypical Chest Pain and LVH on Echo Taking Steroids and HGH

Case 4: Baby Boomer Athlete with Long QT and Coronary Artery Disease

Case 5: 14-year-old Football Player with BAV and Moderate-severe Aortic Stenosis

Case 6: 16-year-old Female Field Hockey Player with Syncope during Exercise

5:15 p.m. Adjournment

Saturday, October 20

6:45 a.m. Continental Breakfast

7:00 a.m. Interactive Workshops: How to Work with Sports Organizations and Team Physicians

a. Pro-Team Cardiologists - NFL, NBA, MLB, NHL, MLS

b. NCAA Team Cardiologists

c. Youth Sports Cardiologists (High School, Travel and Club Sports)

d. Marathon and Endurance Sports Cardiologists/CCAs

7:45 a.m. Feedback from Facilitators in Workshops

Session V: Sports Electrophysiology and Unique Needs of the Athlete Moderators: Drs. Levine and Martinez

8:00 a.m. Syncope in Athletes

Drs. Link and Roberts

8:30 a.m. Atrial Fibrillation and WPW; Ablations, Implantable Devices and Implantable Monitoring

Drs. Olshansky and Vetter

9:00 a.m. Panel Discussion

Drs. Link, Olshansky, Roberts and Vetter

Session VI: Exercise Prescription in Those with Heart Disease:

Supplements and Performance-enhancing Agents

Medico-legal Issues in Sports Cardiology

Moderators: Drs. Olshansky and Thompson

9:20 a.m. Exercise Is Medicine

Dr. Roberts

9:40 a.m. Disqualified from Sports? Prescribing Level of Activity in Those with Heart Disease

Dr. Thompson

10:00 a.m. Break

10:15 a.m. Cardiac Effects of Prescription Drugs, Supplements, Steroids, Energy Drinks and Recreational

DrugsDr. Bove

10:40 a.m. Legal Considerations in Sports Medicine

Dr. Asplund

11:00 a.m. Roundtable with Selected Faculty

Cases: Legal Aspects of Sports Cardiology and Working with Sports Teams

Facilitator: Dr. Lawless

Roundtable Members: Drs. Asplund, Bove, Olshansky, Paterick, Roberts and Thompson

11:45 a.m. Course Adjournment