

FIRST

INTERNATIONAL CONGRESS  
ON SPORTS CARDIOLOGY



SPORT  
&  
HEART

...from science to clinical practice...



sicsport

Italian Society of Sports Cardiology

ROME

2022

november 17th/18th/19th

CONGRESS  
VENUE

Roma Eventi  
Piazza di Spagna  
Via Alibert, 5/a

## **Chairman**

**Luigi Sciarra**

## **Co-Chairmen**

**Pietro Delise – Paolo Zeppilli**

## **Organizing Committee**

**Elena Cavarretta, Flavio D'Ascenzi, Martina Nesti,  
Zefferino Palamà, Silvio Romano, Antonio Scarà**

## **Scientific Committee**

**Alessandro Biffi, Alessio Borrelli, Maurizio Casasco,  
Silvia Castelletti, Maurizio Contursi, Domenico Corrado,  
Antonio D'Aleo, Antonio Dello Russo, Liuba Fusco,  
Lucio Mos, Vincenzo Palmieri, Giampiero Patrizi,  
Maria Penco, Antonio Pelliccia, Patrizio Sarto,  
Alessandro Zorzi**

## **Organizing Secretariat**

### **CONGRESS LINE**

Via Valsugana, 34 – 00141 Roma

Tel. 06.44.241.343 • 06.39.742.176

E.mail: [congressline@congressline.net](mailto:congressline@congressline.net)

[www.congressline.net](http://www.congressline.net)

**PROVIDER STANDARD ECM 2477**

november 17th

16.00 Registration

**LECTURE**

16.30 Cardiovascular risk and physical activity in the third millennium

**C.P. Cannon**

Introduces: **L. Sciarra, L. Fusco**

17.00-18.30 **SYMPOSIUM**

Hot Topics in Sports cardiology - part 1

Chair: **C. Napolitano, V. Palmieri, A. D'Onofrio**

17.00 Congenital coronary artery anomalies:  
why to know them?

**M. Bianco**

17.15 The paralympic athlete in the third millennium

**A. Spataro**

17.30 ECG monitoring devices in Sports cardiology

**E. Cavarretta**

17.45 Implementing secondary prevention of  
out-of-hospital cardiac arrest in Sport

**V. Castelli**

18.00 COVID-19 disease: return-to-play and therapeutic  
perspectives; what have we learnt?

**S. Castelletti**

Discussion

november 17th

18.30-19.30

**SYMPOSIUM**

Lessons from clinical practice

Chair:

**F. Bellocchi, A. Parisi, L. Sciarra**

18.30

A young adult with complete AV Block

**M. Petrunaro**

18.40

Ventricular ectopic beats in a sportman

**M. Nesti**

18.50

Intermittent preexcitation

**G. Robles**

Comments and round table

**R. Petroni, E. De Ruvo, I. Finamora, V. Maestrini**

november 18th

- 08.45 Welcome messages and congress opening
- 09.30-11.00 **SYMPOSIUM**  
Dilemmas in Sports Cardiology  
Chair: **P. Delise, R. Della Bona, F. Grigioni**
- 09.30 Between physiological and pathological hypertrophy: which is the limit?  
**A. Pelliccia**
- 09.45 Brugada Syndrome and Brugada sign are synonymous? How to stratify the risk?  
**P. Delise**
- 10.00 Myocarditis: when we can be considered completely healed?  
**G. Sinagra**
- 10.15 Left ventricular idiopathic scar: an overview  
**A. Zorzi**
- 10.30 Discussion
- 11.00 Break

november 18th

- LECTURE**
- 11.30 Twelve-lead electrocardiogram: how to read it in Sports Cardiology  
**P. Delise**  
Introduces: **L. Sciarra**
- 12.00-13.00 **SYMPOSIUM**  
Drugs and risk reduction in sportsmen: an update - part 1  
Chair: **F. Romeo, M. Penco, C. Indolfi**
- 12.00 Antihypertensive therapy and physical activity  
**S. Romano**
- 12.15 Sport and anticoagulants: doses, prescriptive appropriateness, management strategies in the physically active subject  
**M. Rebecchi**
- 12.30 Antiarrhythmic drugs in physically active subjects: when, how and why  
**F. Leonelli**
- 12.45 Discussion

november 18th

- 13.15-14.30 **LUNCHEON PANEL**  
Telemedicine and technology in Sports cardiology  
Chair: **M. Bocchino, A. Spampinato, L. Calò**
- 13.15 Telemedicine: The point of view of the industry  
**M. Gerevini**
- 13.30 Telemedicine: The point of view of the clinician  
**L. Calò**
- 13.45 Digital Health and Sports Cardiology: a jump to the future  
**L. Weltert**
- 14.00 Recovery plan, digital health and telemedicine: European perspectives  
**L. Fusco**
- 14.15 Discussion and round table  
**M. Manolfi, V. Coscia, F. Colivicchi, E. Guerra, S. Tonioni**



november 18th

15.00-16.15

**SYMPOSIUM**

Pre-participation screening, sudden death prevention and Sport

Chair:

**J. Niebauer, L. Sciarra, M. Bernardi**

15.00

Pre-participation screening in young and master athlete: which differences?

**G. Patrizi**

15.15

Ischaemic heart disease and sudden death prevention in Sport

**S. Sharma**

15.30

Genetic testing and sudden death prevention in athletes: when, how and why

**F. Brancati**

15.45

Discussion

**S. Palermi, G. Meringolo**



november 18th

- LECTURE**
- 16.15 Arrhythmogenic cardiomyopathy: what we learnt and what we have to learn  
**D. Corrado**  
**S. Romano**
- Introduces:
- 16.45 Break
- 17.15-18.15 **SYMPOSIUM**  
Guidelines on Sports Cardiology  
**A. Pelliccia, P. Zeppilli, M. Halle**
- Chair:
- 17.15 The European guidelines: new messages  
**A. Pelliccia**
- 17.30 The Italian perspective  
**A. Biffi**
- 17.45 Discussion  
**A. D'Aleo, M. Contursi, M. Scorcu**

november 18th

18.15-19.30

**SYMPOSIUM**

Sport, devices and technology

Chair:

**A. Borrelli, Z. Palamà, F. Leonelli**

18.15

Subcutaneous ICD: a clinical perspective

**V. Probst**

18.30

Electrophysiological study and electroanatomical mapping: when, how and why?

**A. Dello Russo**

18.45

Sport activity in subjects implanted with a pacemaker: where do we stand and where are we going?

**P. Compagnucci**

19.00

Discussion

**L. De Luca, M. Tatangelo**

**november 19th**

- 09.00-10.30 **SYMPOSIUM**  
Sports Cardiology: old and new issues  
Chair: **I. Porto, L. Serratoso, A. Dello Russo**
- 09.00 Aortic valve diseases in Sports Cardiology  
**S. Caselli**
- 09.15 The right ventricle, the dark side of the athlete's heart?  
**M. Sanz de la Garza**
- 09.30 Hypertrophic cardiomyopathy: present and future in Sports Cardiology  
**F. Cecchi**
- 09.45 The female athlete's heart: facts and fallacies  
**S. Gati**
- 10.00 Discussion
- LECTURE**
- 10.30 What is Sports Cardiology? The Italian answer  
**P. Zeppilli**  
Introduces: **L. Sciarra**
- 11.00 Break

november 19th

- 11.30-13.30 **SYMPOSIUM**  
Arrhythmias, pro-arrhythmic diseases and Sport  
Chair: **P. Zeppilli, R. De Ponti, M. Santomauro**
- 11.30 Ventricular premature beats: how to orientate  
between innocent and potentially malign  
conditions?  
**L. Sciarra**
- 11.45 Asymptomatic Ventricular Preexcitation: what to do?  
Ablation for everyone?  
**A. Scarà**
- 12.00 From dilated cardiomyopathy to athlete's heart:  
what the ECG can say  
**G. Finocchiaro**
- 12.15 Mitral valve prolapse: innocent finding or dangerous  
killer?  
**B. Bauce**
- 12.30 Discussion  
**Z. Palamà**
- LECTURE**
- 13.00 Doping 2022: elements of international laws  
**T. Marchese**  
Introduces: **L. Sciarra**

**november 19th**

13.30-14.30

**LUNCHEON PANEL**

Drugs and risk reduction in sportsmen:  
an Update - part 2

Chair:

**R. Pescatori, G. Riccardi, G. Frati**

13.30

Lowering the risk in the sportsman; present and  
future of lipid lowering therapy: between lifestyle  
changes, nutraceuticals and drugs

**A. Sciahbasi**

13.45

Smoke damages in athletes and physically active  
subjects: risk reduction strategies

**E. Cavarretta**

14.00

Discussion

**november 19th**

14.30-16.00

**SYMPOSIUM**

Hot Topics in Sports Cardiology - part 2

Chair:

**G. Bagliani, S. Gallina, G. Inama**

14.30

Early repolarization: benign feature of the athlete's heart or malign predictor?

**C. Bezzina**

14.45

Cardiovascular risk assessment in older athlete

**L. Serratos**

15.00

Excessive left ventricular trabeculations in athletes: epiphenomenon or phenotype of disease?

**F. Ricci**

15.15

Cardiovascular effects of doping substances: an up-to-date

**P.E. Adami**

15.30

Discussion

**G. Gazale, A. Bina**

**november 19th**

- LECTURE**
- 16.00 Long QT Syndrome: past, present and future  
**P. Schwartz**  
Introduces: **P. Zeppilli**
- 16.30 Break
- 17.00-18.00 **SYMPOSIUM**  
Exercise prescription: the new frontier of sports cardiology  
Chair: **U. Berrettini, L. Mos, F. Fedele**
- 17.00 Cardiomyopathies  
**F. D'Ascenzi**
- 17.15 Ischaemic heart disease  
**J. Niebauer**
- 17.30 Hypertension and heart failure  
**M. Halle**
- 17.45 The Veneto region experience  
**P. Sarto**
- 18.00 Round table  
**A. Romeo, R. Franceschetti, A. De Francesco**



**november 19th**

18.30-19.30

**SYMPOSIUM**

Imaging in Sports Cardiology

Chair:

**M. Chiochi, M. Di Roma, E. Di Cesare**

18.30

Coronary CT scan

**D. Andreini**

18.45

Cardiac magnetic resonance imaging

**H. Vago**

19.00

Hybrid imaging: more than anatomy

**F. Nudi**

19.15

Discussion

**F. Di Paolo, A. D'Arielli**

19.30

ECM questionnaires and Congress closing

## Mini-Course


**Friday 18th**

**15.30-18.30**

- Chair: Precision electrocardiology in  
"Sports Cardiology": let's start from ECG  
**G. Bagliani, F. Leonelli, L. Sciarra**
- 15.30 Atrio-ventricular junction: from anatomy to  
physiology to patho-physiology  
**G. Bagliani**
- 16.00 "Atrial fibrillations" in sportsmen  
**M. Costantini**
- 16.30 Supernormal conduction and cardiac  
memory: why to know them in sports  
cardiology?  
**V. Carbone**
- 17.00 The jungle of early repolarization and j wave  
syndromes... how to orientate  
**F. Notaristefano**
- 17.30 Elements of ECG interpretation in sportsmen  
with pacemakers  
**D. Catanzariti**
- 18.00 Ventricular arrhythmias in sportsmen: the  
role of ECG to guide the diagnostic workflow  
**L. Sciarra**
- 18.30 ECM questionnaires

## Mini-Course

**Saturday 19th**      **09.00-11.30**

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- Chair:                      Advanced cardiovascular imaging in athletes  
**D. Andreini, M. Chiocchi**
- 09.00                      Magnetic resonance imaging in sports cardiology  
**D. Andreini**
- 09.30                      Cardiac CT in athletes  
**M. Di Roma**
- 10.00                      Experiences from clinical practice  
**D. Andreini, M. Di Roma**
- 10.30                      Echocardiogram in sports cardiology  
**A. D'Andrea**
- 11.00                      Discussion
- 11.30                      ECM questionnaires

## Faculty

- Adami P. E. (Munich-D)  
Andreini D. (Milan, I)  
Bagliani G. (Ancona, I)  
Bauce B. (Padua, I)  
Bellocchi F. (Rome, I)  
Bernardi Marco (Rome, I)  
Berrettini U. (Camerino, I)  
Bezzina C. (Amsterdam, NL)  
Bianco M. (Rome, I)  
Biffi A. (Rome, I)  
Bina A. (Cagliari, I)  
Bocchino M. (Rome, I)  
Borrelli A. (Rome, I)  
Brancati F. (L'Aquila, I)  
Calò L. (Rome, I)  
Cannon C.P. (Boston, USA)  
Carbone V. (Naples, I)  
Casasco M. (Brescia, I)  
Caselli S. (Zurich, CH)  
Castelletti S. (Milan, I)  
Castelli V. (Rome, I)  
Catanzariti D. (Rovereto, I)  
Catena G. (Teramo, I)  
Cavarretta E. (Rome, I)  
Cecchi F. (Florence, I)  
Chiocchi M. (Rome, I)  
Colivicchi F. (Rome, I)  
Compagnucci P. (Ancona, I)  
Contursi M. (Salerno, I)  
Corrado D. (Padua, I)  
Coscia V. (Rome, I)  
Costantini M. (Lecce, I)  
D'Aleo A. (Catania, I)  
D'Andrea A. (Nocera Inferiore, I)  
D'Arielli A. (Pescara)  
D'Ascenzi F. (Siena, I)  
De Francesco A. (Rome, I)  
De Luca L. (Rome, I)  
De Ponti R. (Varese, I)  
De Ruvo E. (Rome, I)  
Delise P. (Peschiera del Garda, I)  
Della Bona R. (Genoa, I)  
Dello Russo A. (Ancona, I)  
Di Cesare E. (L'Aquila, I)  
Di Paolo F. (Rome, I)  
Di Roma M. (Rome, I)  
D'Onofrio A. (Naples, I)  
Fedele F. (Rome, I)  
Finamora I. (Rome, I)  
Finocchiaro G. (London, UK)  
Franceschetti R. (Rome, I)  
Fрати G. (Rome, I)  
Fusco L. (Biarritz, F)  
Gallina S. (Chieti, I)  
Gati S. (London, UK)  
Gazale G. (Sassari, I)

## Faculty

- Gerevini M. (Milan, I)  
Giada F. (Noale, I)  
Grigioni F. (Rome, I)  
Guerra E. (Roma, I)  
Halle M. (Munich-D)  
Inama G. (Cremona)  
Indolfi C. (Catanzaro, I)  
Leonelli F. (Tampa, USA)  
Maestrini V. (Rome, I)  
Manolfi M. (Rome, I)  
Marchese T. (Pescara, I)  
Meringolo G. (Cosenza, I)  
Mos L. (S. Daniele del Friuli, I)  
Napoletano C. (Rome, I)  
Nesti M. (Arezzo, I)  
Niebauer J. (Salzburg-A)  
Notaristefano F. (Perugia, I)  
Nudi F. (Rome, I)  
Palamà Z. (Taranto, I)  
Palermi S. (Sulmona, I)  
Palmieri V. (Rome, I)  
Parisi A. (Rome, I)  
Patrizi G. (Carpi, I)  
Pelliccia A. (Rome, I)  
Penco M. (L'Aquila, I)  
Pescatori R. (S. Margherita Ligure, I)  
Petroni R. (Avezzano, I)  
Petrungaro M. (Rome, I)  
Porto I. (Genoa, I)  
Probst V. (Nantes, F)  
Rebecchi M. (Rome, I)  
Riccardi G. (Naples, I)  
Ricci F. (Chieti, I)  
Robles G. (Bari, I)  
Romano S. (L'Aquila, I)  
Romeo A. (Rome, I)  
Romeo F. (Rome, I)  
Santomauro M. (Naples, I)  
Sanz de la Garza M. (Barcelona, S)  
Sarto P. (Treviso, I)  
Scarà A. (Rome, I)  
Schwartz P. (Milan, I)  
Sciahbasi A. (Rome, I)  
Sciarra L. (L'Aquila, Rome, I)  
Scorcu M. (Cagliari, I)  
Serratoso L. (Madrid, S)  
Sharma S. (Londra, UK)  
Sinagra G. (Trieste, I)  
Spampinato A. (Rome, I)  
Spataro A. (Rome, I)  
Tatangelo M. (Rome, I)  
Tonioni S. (Rome, I)  
Vago H. (Budapest, HU)  
Weltert L. (Rome, I)  
Zeppilli P. (Rome, I)  
Zorzi A. (Padua, I)

## GENERAL INFORMATION



### CONGRESS VENUE

ROMA EVENTI Piazza di Spagna  
Via Alibert, 5/a - Rome, Italy



### SECRETARIAT

The Secretariat will be operative at the Congress venue from 16.00 on Thursday November 17<sup>th</sup> 2022, throughout the Event.



### OFFICIAL LANGUAGE

**English - Italian**

Simultaneous translation will be provided for the entire Congress.

## REGISTRATION FEES

### Enrollment before the 20 October 2022

Members SICSPORT and FMSI	€	100,00
No Members	€	130,00
Specializing and medical doctors under 35 years of age		Free
Mini-Course Precision Elettrocardiology... Friday	€	97,60
Mini-Course Advanced imaging... Saturday	€	97,60

### Enrollment after the 20 October 2022

Members SICSPORT and FMSI	€	150,00
No Members	€	180,00
Specializing and medical doctors under 35 years of age		Free
Mini-Course Precision Elettrocardiology... Friday	€	122,00
Mini-Course Advanced imaging... Saturday	€	122,00

VAT 22% is included

**Mini-Course max 25 participants**

## GENERAL INFORMATION

### Registration fees include:

- Attendance to all scientific sessions
- Entrance to the exhibition area
- Attendance certificate
- Badge and congress kit
- Lunch



### HOW TO REGISTER

The Organizing Secretariat must receive one completed registration per participant and the corresponding payment in Euro by the given deadlines:

***congressline@congressline.net***

**by 20/10/2022**

Accepted payments methods are:

- bank transfer to a/c no. 000029475288 payable to CONGRESS LINE  
c/o Unicredit Bank - Agency: Rome

**IBAN IT97 O 02008 05122 000029475288**

Refund of the registration fee will be granted if notification of cancellation reaches the Organizing Secretariat before 30<sup>th</sup> October. Cancellations received after this date will not be entitled to any refund. Any change of holder of membership in the Congress, announced three days before, will be subject to a penalty equal to € 40.00 + VAT 22%.

### CREDITS - CME

This program has been submitted for CME accreditation to the Italian national commission for Continuing medical education in



## GENERAL INFORMATION

compliance with the procedures indicated by the Italian Ministry of Health.

Credits were requested for:

**Medical Doctor:** Cardiology; Sports Medicine; Emergency Medical Doctor; Physical Medicine and Rehabilitation; Internal Medicine; Geriatrics; Radiodiagnostics; Food Science; Cardiac surgery; General Medicine (Family Doctors).

– Nurse

– Physiotherapist

– **Cardiocirculatory and cardiovascular perfusion physiopathology technician**

**If the participant does not participate to the entire duration of the Congress, they will not be entitled to acquire any training credit.**

### ACQUISITION OF TRAINING CREDITS

To obtain training credits it is essential:

– to participate to the entire duration of the Congress;

– correctly answer at least 75% of the questions;

– make sure that the electronic detection emits the acoustic signal for successful registration;

– return, at the end of the Congress, the ECM questionnaires, the evaluation forms of the event, duly completed and signed, and the badge to the Secretariat.

### PARTICIPATION

You can access the congress area, the exhibition area and scientific sessions, only if you have a regular registration. For safety and regulatory reasons, badges must always be visible during the Congress. In case of loss, a new badge will be issued upon payment of € 15.00.

## GENERAL INFORMATION



### **CERTIFICATES OF PARTICIPATION**

A certificate for the actual attendance at the Congress will be issued to all regularly registered participants who apply to the secretariat.



### **TECH-HELP DESK**

All the rooms will be equipped with a video projector connected to the PC. To avoid interface problems with the projector the use of your PC is absolutely not allowed. The projection material (USB or CD prepared with the Power Point program for Windows) must be delivered to the tech-help desk one hour before the start of the Session.



### **TECHNICAL-SCIENTIFIC EXHIBITION**

A technical-scientific exhibition will be set up during the Congress and will be officially open at 09.00 on Friday 18 November.



### **TELEPHONES AND CAMERAS**

It is forbidden to use mobile phones inside the conference rooms.



### **NO SMOKING**

Smoking is prohibited throughout the Congress area.

## GENERAL INFORMATION



### **CLOAKROOM**

Cloakroom service is located in the secretarial area, following the congress opening hours.



### **HOTEL ACCOMMODATION**

The Organizing Secretariat provides a very convenient booking accommodation service. Payment will consist in hotel amount plus agency fee of 20 euros. For inquiries: mail

[\*\*congressline@congressline.net\*\*](mailto:congressline@congressline.net)

### **PAYMENT POLICY**

Accepted payment methods are: credits cards, cheques issued by Italian banks and Euro bank transfers. All costs to transmitters' charge. Please, write clearly your full name on cheque/money orders; a copy of the payment is requested along with the registration and hotel accommodations forms.

Registration and hotel accommodation will be confirmed only upon receipt of the relative payments. The settlement is required to process your reservation. Congress Line will issue a regular invoice for registration (22% VAT inclusive) and hotel accommodation (10% VAT inclusive); therefore, the European VAT code (only for EU countries) is due to be included in the forms.

Please note that VAT could be subject to changes. The VAT rate will be applied depending on the Italian fiscal law at the time of payment.

### **CANCELLATION TERMS**

Any cancellation should be notified in writing to Congress Line and will be subject to the following conditions:

## GENERAL INFORMATION

Before 30 October 2022: refund of registration and hotel accommodation is subject to a 30% administrative charge. All refunds will be processed after the Congress.

After 30 October 2022: no refund will be granted.

### HOTEL CATEGORIES

	DUS	DOUBLE
****	245.00	251.00
****	176.00	-
****	196,00	-
***	156,00	-

All prices are breakfast and taxes included. The rates, updated to 1 March 2022, are subject to change in line with inflation.

### NOTES

The Scientific and Organizational Secretariat reserves the right to make any changes deemed necessary to the program for scientific and / or technical reasons.

**ORGANIZING SECRETARIAT**

**CONGRESS LINE**

**Via Valsugana, 34 - 00141 Roma**

**Tel. 06.44.241.343 - 06.39.742.176**

**E-mail: [congressline@congressline.net](mailto:congressline@congressline.net)**

**[www.congressline.net](http://www.congressline.net)**

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