# CURRICULUM VITAE ANTONIO PELLICCIA, M.D. (updated as January 1st, 2020)



Date of Birth: The Place of Birth:

Citizenship: Italy

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Largo Piero Gabrielli, 1. Rome 00197, Italy.

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### **CURRENT APPOINTMENT**

**Senior consultant and Chief of Cardiology**, Institute of Sports Medicine and Science, Italian National Olympic Committee.

**Professor of Sports Cardiology**, Post-Graduate School in Cardiovascular Disease and Sports Medicine. Rome and L'Aquila, Italy.

Adjunct Professor in Sports Cardiology. Tufts University Medical School, Boston, MA.

### MEDICAL EDUCATION

1969-1975: Medical School La Sapienza University of Rome, Italy

MD at the *La Sapienza* University of Rome, with 110/110 cum laude graduation

1976-1978: Clinical and Research Fellowship in Cardiovascular Disease, La Sapienza University

of Rome, Italy.

1978 Specialist in Cardiovascular Disease, at the *La Sapienza* University of Rome, with

70/70 cum laude graduation

1978-1979. Clinical and Research Fellowship in Sports Medicine, La Sapienza University of

Rome, Italy

1979 Specialist in Sports Medicine, at the *La Sapienza* University of Rome, with 70/70

cum laude graduation.

### SCIENTIFIC and PROFESSIONAL EXPERIENCE

1980 (September) Visiting scientist under the supervision of Prof. Sergio Dalla Volta at Cardiology Department, of University of Medical School in Padua.

1988 (September-November) and 1989 (October-December):

Visiting Scientist under the supervision of Prof. Barry J. Maron: at the *National Institute of Health, Cardiology Branch, Bethesda, Maryland*. Main researches participated: 1) echocardiographic assessment of left ventricular hypertrophy in athletes, 2) visualization of coronary arteries by transthoracic echocardiography, 3) evaluation of left ventricular diastolic filling by Doppler echocardiography in thletes with left ventricular hypertrophy.

## 1992 (September-October):

Visiting Scientist at the *University Hospital of the Georgetown University in Washington DC*., with participation in clinical and academic activities of the Cardiology and Internal Medicine Division.

### 1997 (June-September).

Visiting Cardiologist under the supervision of Prof. Natesa Pandian at the *New England Medical Center of the TUFTS University in Boston*. Participation in the study projects: 1) computerized analysis of left ventricular shape in athletes and 2) feasibility of three-dimensional echocardiographic measurement of left ventricular mass in normal subjects and patients with different pathologic cardiac conditions.

- 1991-93: Responsible of the study project "Left ventricular hypertrophy in athletes: echocardiographic and clinical assessment" of the Italian National Council for Research (CNR)
- Participation at the DISCO Project, of the Italian National Council for Researches, Aim: assess the habitual physical activity and sport practice in a large community of Italian sedentary individuals.
- Responsible for the echocardiography lab of the Institute of Sport Medicine and Science in Rome.
- 2005 **Medical Director** of the Institute of Sport Medicine and Science in Rome.
- 2008 **Scientific Director** the Institute of Sport Medicine and Science in Rome.
- 2014 Chief of Cardiology, Institute of Sport Medicine and Science in Rome
- 2008 Member of the Scientific Advisor Committee of the **Italian Federation of Sport Medicine.**
- 2009 Member of the Pre-Participation Evaluation (PPE) Panel, an expert study group of the International Olympic Committee for implementing the periodical health evaluation (PPE) program in elite athletes.

2009	Scientific consultant of the IOC Medical and Scientific Commission.			
2009	Expert consultant of the International Amateur Athletic Federation (IAAF) for implementing the pre-participation evaluation in elite IAAF athletes.			
2010	Expert consultant of the CF Real Madrid for the evaluation of the case De La Read			
2011	Expert consultant of the <b>FINA</b> (international federation of swimming) for investigating the causes and circumstances of death of the elite swimmer Fran Crippen.			
2011	<b>Advisory board member</b> for scientific activities of <b>Aspetar</b> , the first specialized Orthopedic and Sport Medicine Hospital in the Gulf Region.			
2011	Fellow Member of the European Society of Cardiology			
2013	Deputy – President of the Italian Society of Sport Cardiology			
2014-16	President, European Association of Cardiovascular Prevention and Rehabilitation, a branch of the European Society of Cardiology			
2015-17	President, Italian Society of Sport Cardiology			
2016 -18	Member of the <b>CPC and Nominating Committee</b> of the European Society of Cardiology			
2017-20	Member of the SACC Committee of the European Society of Cardiology			

# **MAJOR SCIENTIFIC INTERESTS**

- ✓ Evaluation of the cardiac remodeling and left ventricular hypertrophy induced by exercise conditioning.
- ✓ Criteria of differential diagnosis of "athlete's heart" from structural cardiac disease, with special regard to cardiomyopathies.
- ✓ Implementation of preparticipation screening for cardiovascular disease at risk of sudden death in general populations.
- ✓ Definition of appropriate criteria for interpretation of the 12-lead ECG in trained individuals.
- ✓ Indication and interpretation of the imaging techniques (echocardiography, cardiac magnetic resonance) in athletes.
- ✓ Clinical assessment and recommendations for sport participation in athletes with cardiovascular diseases.

✓ Strategies to improve the level of physical activity and sport participation in sedentary individuals.

# **SCIENTIFIC STATUS**

Hirsch index (h): absolute index: 56

# **MAJOR AWARDS**

- 2008. Honor of "Commendatore al merito della Repubblica Italiana" for scientific and professional achievement.
- 2011 Honor of **Stella al Merito Sportivo**, delivered by the Italian National Olympic Committee for the scientific and professional service to Olympic Italian athletes

### **ACADEMIC APPOINTMENTS**

## 1981 to present:

Former Professor of Medical Pathology and current Professor of Sport Cardiology in Sport Medicine at Postgraduate School of Sport Medicine, Faculty of Medicine, University of L'Aquila and Rome.

- Full Professor of Internal Medicine (Sport Medicine discipline) by the National Scientific Advisory Board of the Italian Ministry of Research and University.
- 1981 to present: Lecturer in academic **courses** organized by the Italian Federation of Sport Medicine, National Federation of Physicians and Surgeons, Italian Society of Sport Cardiology and National Institute of Physical Education.
- 1990. Member of the Joint Commission between the Italian National Olympic Committee and *La Sapienza* University of Rome, regarding the fellows scholarship program.
- 1992. Lecturer and chairman of the **seminars** organized as a part of the fellowship training program, on behalf of the Scuola dello Sport and Postgraduate School of Sport Medicine *La Sapienza* University of Rome.
- 1995. Lecturer and chairman of the 1st **Master in Sports Cardiology**, organized by the Institute of Sports Science of the Italian National Olympic Committee (Rome, November 25th-December 15th).
- 1995. Faculty member of the Master Course in Sports Cardiology, organized by the Sant Pau Hospital, Universitat Autonoma. Barcelona.
- 1997 to present: Tutor for the fellows participating in the training program in cardiology and internal medicine of the Postgraduate School of Sport Medicine *La Sapienza*, University of Rome and University of L'Aquila.
- 2009 to present: Adjunct Professor in Sports Cardiology. **Tufts University Medical School**, Boston, MA.
- 2012. Visiting Professor at **University of Belgrade School of Medicine**. Belgrade. Serbia
- 2015 to present: Lecturer and organizer of the **Courses in Sports Cardiology,** organized by the EAPC, Sport Cardiology section, branch of the European Society of Cardiology, in the context of the Curriculum of Sport Cardiology
- 2016 to present: Lecturer of the **Master Course in Sports Cardiology**, organized by the St George Hospital in London (Director, Dr. Michael Papadakis)
- 2016 to present: Lecturer of the **Master Course in Sports Cardiology**, organized by the University School of Medicine, Department of Cardiology in Padua (Director, Prof. Domenico Corrado)

#### MEMBER OF THE SCIENTIFIC SOCIETIES

Since 1980, Fellow member of the **Italian Federation of Sports Medicine**.

Since 1983, Founding Member and Fellow of the Italian Society of Sports Cardiology.

Since 1986, Member and, since 1994, Fellow of the American College of Sports Medicine.

1999-2000 Member of the working group of the World Heart Federation, the International

Federation of Sports Medicine and the American Heart Association Committee on Exercise, Cardiac

Rehabilitation and Prevention for evaluation of the preparticipation cardiovascular screening in

master athletes.

2006-2008. Chairman of the Sports Cardiology Section of the European Association of

Cardiovascular Prevention and Rehabilitation, a registered branch of the European Society of

Cardiology.

2012. President -elect of the European Association of Cardiovascular Prevention and

**Rehabilitation**, a registered branch of the European Society of Cardiology.

2012. Fellow of the European Society of Cardiology

2013. Deputy-President of the Italian Society of Sport Cardiology.

2014-2016. President, European Association of Cardiovascular Prevention and Rehabilitation,

a registered branch of the European Society of Cardiology.

2015 -2017 President of the Italian Society of Sport Cardiology.

2016 -18 Member of the **CPC and Nominating Committee** of the European Society of

Cardiology

2017-20 Member of the **SACC Committee** of the European Society of Cardiology

#### POSITION within the ITALIAN NATIONAL OLYMPIC COMMITTEE:

# **Institute of Sport Medicine and Science:**

- 1980 2002 Responsible of the echocardiography laboratory, Institute of Sports Medicine and Science
- 2002 2005: Responsible of Cardiology Division, Institute of Sports Medicine and Science.
- 2005 2008 Medical Director of the Institute of Sports Medicine and Science.
- 2008 2013. Scientific Director of the Institute of Sports Medicine and Science
- 2014 2018: Chief of Cardiology, Institute of Sports Medicine and Science
- 2018 to present: Senior consultant and Chief of Cardiology, Institute of Sports Medicine and Science

# Other responsibilities:

- 1991 (Athens) Member of the Medical Staff of the Italian National Team participating to the Mediterranean Games.
- 1997 (Bari, Italy) Member of the Medical Staff of the Italian National Team participating to the Mediterranean Games.
- 2002 (Salt Lake; USA) Chief Medical Officer of the Italian National Team participating to the XIX Winter Olympic Games.
- 2005 (Lignano, Italy) Chief Medical Officer of the Italian National Team participating to European Youth Olympic Festival.
- 2006 (Torino, Italy) Chief Medical Officer of the Italian National Team participating to the XX Winter Olympic Games
- 2008 (Beijing, China) Chief Medical Officer of the Italian National Team participating to the Summer Olympic Games
- 2010 (Vancouver, Canada) Chief Medical Officer of the Italian National Team participating to the XXI Winter Olympic Games.
- 2012 (London, UK) Chief Medical Officer of the Italian National Team participating to the Summer Olympic Games.
- 2013 (Mersin. Turkey) Chief Medical Officer of the Italian National Team participating to the Mediterranean Games

# **European Association of Preventive Cardiology (EAPC)**

- ✓ Since 2004 I have been involved in the scientific life of the EAPC (former EACPR), by participating actively to the constitution of the Sport Cardiology section.
- ✓ During the first period of my presence (2004-2006), I organized the working groups of the Sport Cardiology Section to the aim to write the first European document for management and eligibility to competitive sports in athletes with cardiovascular abnormalities (*Eur Heart J. 2005;26:1422-45*). In the same period, I contributed with Domenico Corrado to write the first European document relative to the protocol for cardiovascular screening of competitive athletes (*Eur Heart J. 2005; 26:516-24*), which represented the trigger for the ongoing scientific debate relative to the strategies for prevention of sudden cardiac death in young athletes.
- ✓ In 2006 I become the Chairman of the Sport Cardiology. I have been actively involved in the scientific life of the Sport Cardiology section by organizing the writing groups for an extended version of the Recommendations for participation in competitive sport and leisure-time physical activity in individuals with cardiac disease, that were published in successive issues of the *Eur J Cardiovasc Prev Rehabil*. in 2006;
- ✓ After 2008, as past-chairman and still elected Nucleus member, I participated actively to the life of the Sport Cardiology Section, acting as advisor and supporting the major scientific initiatives.
- ✓ Since 2009 as a member of the IOC Medical and Scientific Commission, I had the opportunity to promote and sustain our strategy in cooperation with the EACPR and the IOC organizations. This prompted the large implementation of pre-participation screening and the inclusion of several topics of cardiology in the meetings and courses organized by both the EACPR and IOC.
- ✓ Since 2010 I have participated to the activity of the Science and Guidelines Committee for revision of papers and statement of the sections before their endorsement by the EACPR.
- ✓ Since 2004 I have contributed as Reviewer and as Author to the life of the former EACPR Journal (now European Journal of Preventive Cardiology).
- ✓ In 2011 nominated President-elect of the EACPR
- ✓ In 2012 and 2013 actively involved in the Executive Board meetings and delegations to represent the EACPR. On active preparation for the 2014 position of President of the EACPR.
- ✓ In 2014 I became President of the EACPR. In this role, I have focused on the scientific activity of the EACPR, by promoting position papers in collaboration with the other ESC

- Associations on Indication and interpretation of imaging techniques in athletes; Prevention of atrial fibrillation in senior athletes; Critical appraisal of the preparticipation CV screening in athletes. I also promoted the first Textbook of Sport Cardiology, edited by the ESC.
- ✓ In 2015 as President I supervised and coordinated the program of Europrevent 2015, the annual congress of the Association. I also coordinated the overall organization and functioning of the Association, contributing to restore the financial balance of the EACPR.
- ✓ In 2016 as President I guided the process of relocation of Europrevent 2016 from Istanbul to the European Heart House and coordinated the revised scientific program. During this period a formal agreement was signed by the industries to support the "Prevention of CV disease" program, which substantially increased the financial assets of the Association.
- ✓ 2014-16. During the overall Presidency period, highly recognized achievements included: Change of EACPR Mission statement to include Cardiovascular Health, primary and secondary prevention. (May 2015); launch of a new EACPR membership scheme, designed to be both inclusive for the whole cardiovascular community, whilst providing additional benefits and services for each level (Regular, Ivory & Silver); launch of the community of young preventive cardiologists within the EACPR, launch of the "Viviane Conraads" Outstanding Achievement Award for scientists in the field of preventive cardiology.
- ✓ The scientific activity during the Presidency period saw the finalization of relevant papers, including:

6th Joint European Guidelines on CVD Prevention in Clinical Practice (publication in 2016);

- ESC Textbook of Cardiovascular Medicine, 3rd Ed (eventually published in 2018) with two sections. "Sport and the Heart" and "Prevention in CVD and Rehabilitation";
- the ESC Textbook of Sports Cardiology, the first comprehensive textbook of Sport Cardiology (eventually published in 2019);
- Position paper "Pre-participation cardiovascular evaluation for athletic participants to prevent sudden death", in cooperation with the EHRA (published 2016);
- Position paper "How to Prevent Atrial Fibrillation" in cooperation with the EHRA (published 2016);
- Position paper "Indication and interpretation of cardiovascular imaging in the evaluation of athlete's heart", in cooperation with the EACVI (eventually published in 2018),
- 1st Update of the Position paper "EACPR/AHA Joint Scientific Paper Statement,
  Clinical Recommendation for Cardiopulmonary Exercise Testing Data Assessment in
  Specific Patient Population.

- ✓ September 1<sup>st</sup>, 2016. I was the organizer and lecturer of the "2nd EACPR course on Sport Cardiology" held in Rome, at the Institute of Sport Medicine and Science.
- ✓ August 30-31, 2017. Organizer and lecturer of the "3d EAPC course on Sport Cardiology" Barcelona.
- ✓ 2018-219. I was an invited Lecturer of the EAPC courses on Sport Cardiology held in the context of the ESC annual meeting.

# Other positions within the European Society of Cardiology:

- ✓ In the period 2016-18 I have also served in the Nominating Committee, as member designated by the EAPC. This experience was particularly rewarding in terms of consolidating my knowledge of the regulations and functioning of the ESC constituent bodies. Moreover, this was a unique experience for personal contacts and experience exchanges with the professionals serving in the changing ESC boards.
- ✓ In the same period, I was honoured to be a member of the CPC. I was confronting with a large community of scientists to organize the scientific program for the congress. While I was prone to give visibility to the sport cardiology topics, I was keen to promote the contribution and give visibility to young scientists, including a large proportion of women colleagues.
- ✓ From 2017 to present I'm member of the SACC. I'm working in this committee to evaluate the proposal of educational events primarily in the field of exercise, sport and preventive cardiology.

### INTERNATIONAL OLYMPIC COMMITTEE (IOC)

- ✓ Since 2009, I have been involved with the IOC Medical and Scientific Commission, initially as consultant expert and subsequently as member.
- ✓ In 2009 I was active member of the appointed panel of experts that prompted the IOC endorsement for the periodic evaluation of Olympic athletes to prevent health injuries and cardiac events. The consensus statement was eventually approved by the IOC as "The International Olympic Committee (IOC) Consensus Statement on Periodic Health Evaluation of Elite Athletes" (*Br J Sports Med. 200;* Sep;43(9):631-43 and C*lin J Sport Med 2009;19:347–365*). This document represents a milestone in the cultural pathway of the Sport Cardiology, by endorsing the cardiovascular screening model originally proposed by the Sport Cardiology Section of the EACPR.
- ✓ As a member of the IOC Medical and Scientific Commission, I participated to the meetings and gave my advices for organization of scientific events and educational courses. To notice, my participation as lecturer to the "Advanced Course for Team Physicians" held at the Stanford University in June, 25-27<sup>th</sup>, 2009.
- ✓ In April 6-9<sup>th</sup>, 2011 I was invited to give the introductory key-note lecture to the IOC World Conference on "Prevention of Injury & Illness in Sport" organized in Monte Carlo, with the title of "Sudden cardiac death in athletes"
- ✓ In September 8<sup>th</sup>, 2011 I organized and chaired the first Intensive Course on "ECG interpretation in athletes" for team and NOCs physicians, held in the IOC headquarters in Lausanne.
- ✓ In August 2012, during the Olympic Games, I organized a teaching course focused on the ECG implementation in screening elite athletes, attended by the team physicians participating at the Olympic Games.
- ✓ In October 18<sup>th</sup>, 2013 I was the organizer and lecturer of the "2<sup>nd</sup> IOC course on PHE and Imaging testing" held in the IOC headquarters in Lausanne, and attended by the team physicians of the NOCs and IFs.
- ✓ In June 6-7 2014, I was the organizer and lecturer of the "3rd IOC course on PHE and Imaging testing" held in Rome, at the Institute of Sport Medicine and Science.
- ✓ In 2015, I organized the "4th IOC course on PHE and sport cardiology" held in Buenos Aires, in collaboration with the Argentinian NOC and Argentinian Society of Cardiology.
- ✓ 2016, March 24. Nominated Member of the IOC Medical and Scientific Commission.

- ✓ November 27-29, 2016. I was the organizer and lecturer of the "5th IOC course on Sport Cardiology" held in Beograd, in cooperation with the Serbian National Olympic Committee.
- ✓ November 18, 2017. I was the organizer and lecturer of the "6th IOC Course on Sport Cardiology" held in Rome, in cooperation with the Italian National Olympic Committee.
- ✓ October 26,27, 2018. I was the organizer and lecturer of the "7th IOC Course on Sport Cardiology" held in Rome, in cooperation with the Italian National Olympic Committee.
- ✓ July 4, 5<sup>th</sup>, 2019. I was the organizer and lecturer of the "8th IOC Course on Sport Cardiology" held in Tokyo.
- ✓ October 1-2. I'm organizing the "9th IOC Course on Sport Cardiology" that will be held in Budapest.

## ITALIAN SOCIETY OF SPORT CARDIOLOGY (SIC Sport)

In 1983, the Italian Society of Sports Cardiology (SIC Sport) was founded by Antonio Venerando in Rome and I was among the 12 founding Members.

Since 1983 I actively participated as a honorary Fellow to the scientific life of the SIC Sport, either as lecturer in the National Meetings, or faculty member in the educational courses that the society organizes periodically in Italy.

1983-2013. Over this long-term period I have been involved as scientific advisor in the organization of most educational and scientific events that the SIC Sport shares with other scientific societies in Italy.

In 2013 I was elected as Deputy-President of the Italian Society of Sport Cardiology.

In 2015 elected President of Italian Society of Sport Cardiology. As President, I claimed the main aim of the Society for the next period to be the revision of the COCIS, the Italian Guidelines for Competitive Sport Participation in Athletes with CV Diseases.

In 2016-17, I managed the organization of the working groups deputed to revise the Italian Guidelines for Competitive Sport Participation in Athletes with CV Diseases (COCIS).

In the same period, I contributed to revise the scientific program and organized faculty participation of the experts in the major congresses and meetings organized in Italy by the cardiology scientific societies (SIC, ANCE, ARCA)

2017. I was the chair of the revised 2017 Edition of the COCIS (Italian Guidelines to Competitive Sport Participation) eventually released on September 28<sup>th</sup>, 2017.

2017, 28-30 September. I organized the XVIII Congress of the Italian Society of Sport Cardiology, in Rome, Centro Giulio Onesti.

2018 to present. As Past-President I contributed actively to the strategic decisions of the Society and made a substantial impact on preparation of the scientific program for the biannual congress of the Society.

2019-present. I was delegated by the SIC Sport Board to represent the Society in the context of international relationship with other Scientific Societies active in the area of Exercise, Sport and CV diseases.

# ITALIAN FEDERATION OF SPORT MEDICINE (FMSI)

Since 1980, I'm a Fellow member of the Italian Federation of Sports Medicine (FMSI), the largest and most accredited professional association of the specialists in Sport Medicine in Italy. As a Fellow, I have been implicated as lecturer in the National Meetings, or as faculty member in the educational courses that the FMSI organizes periodically in Italy.

In 2008 I became also Member of the Scientific Advisor Committee of the FMSI and, in this context, I had the duty to advise the board regarding the strategic activities of the FMSI relative to the implementation of the screening program across Italy and multicenter registry database record, which have been used for epidemiologic investigation (see: *Eur Heart J. 2007;28(16):2006-10*). In the subsequent years, I actively participated to the scientific life of the Italian Federation of Sports Medicine, by participating to the educational events and advising Fellows submission of the abstracts.

Specifically, in 2017 I was a cochair with the president of the FMSI in the revision of the Italian Guidelines for Sport Participation in Athletes with Cardiovascular Diseases (COCIS 2017).

## Selected papers published in PEER REVIEWED JOURNALS

- 1. Pelliccia A., Maron BJ., Spataro A., Proshan M., Spirito P: "The upper limit of physiologic cardiac hypertrophy in highly trained elite athletes". *N. Engl. J. Med.* 1991; 324: 295-301.
- 2. Maron BJ, Leon MB, Swain JA, Cannon RO 3d, Pelliccia A. "Prospective identification by two-dimensional echocardiography of anomalous origin of the left main coronary artery from the right sinus of Valsalva". *Am J Cardiol.* 1991;68(1):140-2..
- 3. Lewis J.F., Spirito P., Pelliccia A., Maron BJ: "Usefulness of Doppler echocardiographic assessment of diastolic filling in distinguishing "athlete's heart" from hypertrophic cardiomyopathy. *Br. Heart J.* 1992; 68: 296-300.
- 4. Pelliccia A. "Outer limits of physiologic hypertrophy and relevance to the diagnosis of primary cardiac disease". *Cardiol Clin.* 1992; 10(2):267-79.
- 5. B.J. Maron, Pelliccia A., A. Spataro, M. Granata: "Reduction in left ventricular wall thickness after deconditioning in highly trained Olympic athletes". *Br. Heart J.* 1993; 69: 125-29.
- 6. Pelliccia A., A. Spataro and BJ: Maron: "Prospective echocardiographic screening for coronary anomalies in 1,360 elite competitive athletes". *Am. J. Cardiol.* 1993; 72: 978-9.
- 7. Pelliccia A., A. Spataro, G. Caselli and BJ. Maron: "Absence of left ventricular wall thickening in athletes engaged in intense power training". *Am. J. Cardiol.* 1993; 72: 1048-54.
- 8. Spirito P, Pelliccia A., Proshan M., Granata M., Spataro A., Bellone P., Caselli G., Biffi A., Vecchio C. and Maron BJ: "Morphology of the athlete's heart assessed by echocardiography in 947 elite athletes representing 27 sports". *Am. J. Cardiol.* 1994; 74: 802-806.
- 9. Maron B.J., Pelliccia A., Spirito P.: "Cardiac disease in young trained athletes: insights into methods for distinguishing athlete's heart from structural heart disease, with particular emphasis on hypertrophic cardiomyopathy". *Circulation 1995*; 91: 1596-1601.
- D'Andrea L, Proto C, Delise P, Guiducci U, Caselli G, Lubich T, Pelliccia A, Spataro A. Cardiovascular guidelines for assessing sport eligibility for competitive sport. *Int J Sports Cardiol* 1995; 4:143-67
- 11. Pelliccia A., BJ. Maron: "Pre-participation cardiovascular evaluation of the competitive athlete perspectives from the 30-year Italian experience". *Am J Cardiol* 1995; 75: 827-828.
- 12. Pelliccia A, Maron BJ. Differentiation of cardiovascular disease from the physiological changes of the highly trained athletes. *Sports Exercise and Injury 1996*; 2: 64-71
- 13. Pelliccia A., BJ. Maron, F. Culasso, A. Spataro, G. Caselli: "Athletes heart in women. Echocardiographic characterization of highly trained elite female athletes". *JAMA 1996*; 276: 211-216.
- 14. Pelliccia A. "Determinants of morphologic cardiac adaptation in elite athletes: the role of athletic training and constitutional factors". *Int J Sports Med.* 1996;17 (Suppl 3):157-63.

- 15. Biffi A, Ansalone G, Verdile L, Fernando F, Caselli G, Ammirati F, Pelliccia A, Santini M. "Ventricular arrhythmias and athlete's heart. Role of signal-averaged electrocardiography". *Eur Heart J.* 1996; 17(4):557-63.
- 16. Pelliccia A., BJ. Maron. "Outer limits of the athlete's heart, the effect of gender and relevance to the differential diagnosis with primary cardiac disease". *Cardiol Clin* 1997; 15: 381-396.
- 17. Cartoni D, De Castro S, Valente G, Costanzo C, Beni S, Funaro S, Pelliccia A, Fedele F. "Role of the patent foramen ovale in decompression sickness in diving". *Int J Cardiol* 1997; 6: 15-20
- 18. Spataro A, La Mura G, Marcello G, Alabiso A, Naccari D, Pelliccia A. The electrocardiographic T wave changes in highly trained athletes during training. An old problem revisited. *J Sports Med Phys Fitness* 1998; 38: 164-8
- 19. Pelliccia A., F. Culasso, FM. Di Paolo and BJ. Maron: "Physiological left ventricular cavity dilatation in elite athletes". *Ann Intern Med* 1999; 130: 23-31.
- 20. Pelliccia A., BJ. Maron, F Culasso, FM. Di Paolo, A Spataro, A Biffi, G Caselli and P Piovano. "Clinical significance of abnormal electrocardiographic patterns in trained athletes". *Circulation 2000; 102: 278-84.*
- 21. Pelliccia A.. "Athlete's heart and hypertrophic cardiomyopathy". *Curr Cardiol Rep. 2000;* 2(2):166-71.
- 22. Pelliccia A., Avelar E, De Castro S, Pandian N. "Global left ventricular shape is not altered as a consequence of physiologic remodeling in highly trained athletes". *Am J Cardiol.* 2000; 86(6):700-2.
- 23. Maron\_BJ, Araujo CG, Thompson PD, Flecther GF, Bayes de Luna A, Fleg JL, Pelliccia A, Balady GJ, Furlanello F, Van Camp SP, Elousa R, Chaitman BR, Bazarre TL. "Recommendations for preparticipation screening and assessment of cardiovascular disease in master athletes: an advisory for healthcare professionals from the working groups of the World Heart Federation, the International Federation of Sports Medicine and the American Heart Association Committee on Exercise, Cardiac Rehabilitation and Prevention. *Circulation 2001; 103: 327-34.*
- 24. Picchio FM, Colonna PL, Daliento L, Giannico S, Pelliccia A, Vergari B, Vignati G. Guidelines for employability and physical activity in patients with congenital heart disease. *Italian Heart Journal Supplement.* 2001; 2: 46-77
- 25. Picchio FM, Colonna PL, Daliento L, Giannico S, Pelliccia A, Vergari B, Vignati G. Criteria for work capacity evaluation, adequacy for specific jobs, attitude towards physical activity and sports and insurance eligibility in subjects with congenital cardiopathy. *Italian Heart Journal.* 2001; 2: 46-77
- 26. Pelliccia A. Congenital coronary artery anomalies in young patients: new perspectives for timely identification. *J Am Coll Cardiol.* 2001;37(2):598-600.

- 27. Pelliccia A, Maron BJ. Athlete's heart mimicking hypertrophic cardiomyopathy. *Curr Cardiol Rep. 2001 3(2):147-51*
- 28. Pelliccia A. The myocardial diseases at risk of sudden death in athletes: implications for cardiovascular screening. *Deutsche Zeitschrift fur Sportmedizin 2001; 52:197-204*
- 29. Gemayel C, <u>Pelliccia</u> A, Thompson PD. Arrhythmogenic right ventricular cardiomyopathy. *J Am Coll Cardiol.* 2001; 38:1773-81.
- 30. Biffi A, Pelliccia A, Verdile L, Fernando F, Spataro A, Caselli S, Santini M, Maron BJ. Long-term clinical significance of frequent and complex ventricular tachyarrhythmias in trained athletes. *J Am Coll Cardiol.* 2002 7;40(3):446-52.
- 31. Colivicchi F, Ammirati F, Biffi A, Verdile L, Pelliccia A, Santini M. Exercise-related syncope in young competitive athletes without evidence of structural heart disease. Clinical presentation and long-term outcome. *Eur Heart J.* 2002;23(14):1125-30.
- 32. Fisman EZ, Pelliccia A, Motro M, Auerbach I, Frank AG, Tenembaum A. Effect of intensive resistance training on isotonic exercise Doppler indexes of left ventricular systolic function. *Am J Cardiol.* 2002 1;89(7):887-91.
- 33. Pelliccia A, Maron BJ, DeLuca R, DiPaolo FM, Spataro A, Culasso F. Remodeling of left ventricular hypertrophy in elite athletes after long-term deconditioning. *Circulation*. 2002 26;105(8):944-9.
- 34. Zoncu S., <u>Pelliccia A</u>, Mercuro G. Assessment of regional systolic and diastolic wall motion velocities in highly trained athletes by pulsed wave Doppler tissue imaging. *J Am Soc Echocardiogr 2002*; *15*: 900-5.
- 35. De Castro S, Adorisio R, Pelliccia A, Papetti F, fedele F and Pandian NG. Perforated aneurysms of the left side valves during active infective endocarditis complicating hypertrophic obstructive cardiomyopathy. *Eur J Echocardogr.* 2002; 3: 100-2.
- 36. Pelliccia A, Di Paolo FM, Maron BJ. The athlete's heart: remodeling, electrocardiogram and preparticipation screening. *Cardiol Rev.* 2002; 10:85-90.
- 37. Pelliccia A. What constitutes adequate and cost-effective cardiac screening prior vigorous activity for collegiate athletes and older adults? *Dialogues in Cardiovascular Medicine* 2002; 7:165-71.
- 38. Pelliccia A. The relationship of left ventricular to femoral artery structure in male athletes. *Med Sci Sports Exercise* 2003;35:220
- 39. Pelliccia A. Adequate and cost-effective cardiac screening of students and elderly prior to intensive physical activity. *Geneeskunde en Sport 2003; 36: 143-48.*
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- 185. Pelliccia A, Lemme E, Maestrini V, Di Paolo FM, Pisicchio C, Di Gioia G, Caselli S. Does Sport Participation Worsen the Clinical Course of Hypertrophic Cardiomyopathy? Clinical Outcome of Hypertrophic Cardiomyopathy in Athletes. *Circulation. 2018 Jan* 30;137(5):531-533. doi: 10.1161/CIRCULATIONAHA.117.031725.
- 186. D'Ascenzi F, Adami PE, Eichler S, Castelletti S, Wagenaar KP, Pelliccia A, Dendale P, Grobbee DE. The Young Community of the European Association of Preventive Cardiology: The future in motion. *Eur J Prev Cardiol.* 2018 Apr;25(6):567-568. doi: 10.1177/2047487318754914.
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- the evaluation of the athlete's heart. Eur Heart J. 2018 Jun 1;39(21):1949-1969. doi: 10.1093/eurheartj/ehx532.
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- 195. Caselli S, Pelliccia A. The electrocardiogram and the phenotypic expression of hypertrophic cardiomyopathy. *Eur Heart J. 2019 Mar 21;40(12):982-985. doi: 10.1093/eurheartj/ehy403.*
- 196. Adami PE, Squeo MR, Quattrini FM, Di Paolo FM, Pisicchio C, Di Giacinto B, Lemme E, Maestrini V, Pelliccia A. Pre-participation health evaluation in adolescent athletes competing

- at Youth Olympic Games: proposal for a tailored protocol. Br J Sports Med. 2018 Nov 17. pii: bjsports-2018-099651. doi: 10.1136/bjsports-2018-099651.
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- 198. Pelliccia A. The dark side of ventricular arrhythmias in athletes. *Heart Rhythm. 2019 Feb;16(2):249-250. doi: 10.1016/j.hrthm.2018.09.014.*
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- 201. D'Ascenzi F, Caselli S, Alvino F, Digiacinto B, Lemme E, Piepoli M, Pelliccia A. Cardiovascular risk profile in Olympic athletes: an unexpected and underestimated risk scenario. *Br J Sports Med. 2019 Jan;53(1):37-42. doi: 10.1136/bjsports-2018-099530*.
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- 204. Finocchiaro G, Sheikh N, Biagini E, Papadakis M, Maurizi N, Sinagra G, Pelliccia A, Rapezzi C, Sharma S, Olivotto I. The electrocardiogram in the diagnosis and management of patients with hypertrophic cardiomyopathy. *Heart Rhythm.* 2020 Jan;17(1):142-151. doi: 10.1016/j.hrthm.2019.07.019. Epub 2019 Aug 10. PubMed PMID: 31349064.

205. Niebauer J, Börjesson M, Carre F, Caselli S, Palatini P, Quattrini F, Serratosa L, Adami PE, Biffi A, Pressler A, Rasmusen HK, Schmied C, van Buuren F, Panhuyzen-Goedkoop N, Solberg EE, Halle M, Gerche A, Papadakis M, Sharma S, Pelliccia A. Brief recommendations for participation in competitive sports of athletes with arterial hypertension: Summary of a Position Statement from the Sports Cardiology Section of the European Association of Preventive Cardiology (EAPC). *Eur J Prev Cardiol.* 2019 Sep;26(14):1549-1555. doi: 10.1177/2047487319852807. Epub 2019 May 24.

### **Selected CHAPTERS and TEXTBOOKS:**

- A. Venerando, G. Caldarone, A. Pelliccia: "Metabolic Diseases". In "The Olympic Book of Sports Medicine". A. Dirix, H.G. Knuttgen, K. Tittel. (Editors) Blackwell Scientific Publications 1988. pag. 542-559.
- A. Pelliccia, A Spataro, G.Caselli, A Biffi, M Granata, F Culasso. "Extreme cardiac adaptation to training: echocardiographic data and maximum oxygen uptake". In Echocardiography 1988. A Dagianti, and H Feigembaum (Editors). Elsvier Publ. Amsterdam 1988; pag. 149-58.
- P. Zeppilli, M La Rosa Gangi, C Santini, A Pelliccia, A Spataro, R Scognamiglio, A Nava.
  "Right heart in athletes". ". In *Echocardiography 1988*. A Dagianti, and H Feigembaum (Editors). Elsvier Publ. Amsterdam 1988; pag. 173-8.
- P Spirito, L Agati, G Derchi, A Pelliccia, M Penco, F Fabietti, A Dagianti, C Vecchio.
  "Noninvasive assessment of left ventricular function in athletes". In *Echocardiography 1988*. A Dagianti, and H Feigembaum (Editors). Elsvier Publ. Amsterdam 1988; pag. 167-72.
- A. Pelliccia; G. Caselli, P. Bellotti (Editors): "Advances in Sports Cardiology". Springer-Verlag Italia 1997.
- A. Pelliccia; BJ. Maron: "Cardiac adaptation to exercise training". In "*The Oxford Textbook of Sports Medicine*" 2nd Edition. M. Harries, C. Williams, W D Stanish, LJ Micheli (Editors). Oxford University Press. Oxford 1998, pag. 301-320.
- A. Pelliccia; BJ. Maron. "Screening athletes for cardiovascular disease". In *The Textbook of exercise and sports cardiology*. PD Thompson (Editor) McGraw-Hill, New York. 2001; pag. 235-48.
- A. Pelliccia; BJ Maron. "The Athlete's Heart, ECG and differential diagnosis with hypertrophic cardiomyopathy and other cardiomyopathies". In *Diagnosis and Management of Hypertrophic Cardiomyopathy* Edited by BJ Maron. Blackwell Futura, 2004; p 367-81
- Corrado D, Pelliccia A, Antzelevich C, Leoni L, Schiavon M, Buja G, Maron BJ, Thiene G, Basso C. "ST-segment elevation and sudden death in the athlete". In "**The Brugada Syndrome**; **from bench to bedside**". Antzelevich C. (Editor). Blackwell Futura Publ. 2005; pag.130-139.
- <u>A. Pelliccia</u> (Editor) *The Athlete's Heart: on the Border between Physiology and Pathology.* Cardiology Clinics. Saunders Publ. Philadelpia 2007; 25 (3): I-XV, 371-486.
- A. Pelliccia (Editor) "Sports Cardiology Casebook." Springer Verlag. London 2009. I-XVII, 1-242.
- A. Pelliccia, Di Paolo FM, Quattrini FM. Aortic Root Dilatation in Athletic Population. Progress in Cardiovascular Disease. 2012. Vol. 54, pag. 432-7

- A. Pelliccia, Maron MS, Maron BJ. Assessment of Left Ventricular Hypertrophy in a Trained Athlete: Differential Diagnosis of Physiologic Athlete's Heart from Pathologic Hypertrophy. *Progress in Cardiovascular Disease. 2012. Vol. 54, pag. 387-96.*
- A. Pelliccia, D. Corrado. Cardiovascular Screening for the Prevention of Sudden Cardiac Death in Athletes: insights from the Italian experience. In the *Olympic Manual of Sport Cardiology*.
  M. Wilson, J. Drezner, S. Sharma Editors. Chapter 8, page 74-81. Wiley Publ. 2017.
- A. Pelliccia The Cardiovascular Screening Programs in Athletes: From the Italian Experience to a Global Strategy. *Textbook of Sport Cardiology*. Paul D. Thompson and Antionio B. Fernandez Editors. Volume 3. Chapter 2, pages 15-30. World Scientific Publ.2018.
- A. Pelliccia, H Heidbuchel, Domenico Corrado, Mats Borjesson, S Sharma Editors. The ESC Textbook of Sport Cardiology. Oxford University Press, pag I-XIV, 1-461. Oxford 2019.
- A Pelliccia (Editor) Sport and Heart Disease. In the ESC Textbook of Cardiovascular Medicine (3rd Edition). Editors J Camm, T Luscher, G Maurer, PW Serruys. Oxford University Press. Section 55. Pag. 2913-2934. Oxford 2019.

### REVIEWER of the SCIENTIFIC JOURNALS

Reviewer of manuscripts concerning exercise, sport and cardiovascular diseases for the journals:

New England Journal of Medicine

The Journal of American Medical Association,

Circulation,

The Journal of American College of Cardiology, JACC imaging, JACC arrhythmias

The American Journal of Cardiology,

European Heart Journal

European Journal of Preventive Cardiology

British Journal of Sport Medicine

Medicine and Science in Sport and Exercise;

International Journal of Cardiology;

International Journal of Sport Medicine.

## **EDITOR of the SCIENTIFIC JOURNALS**

Since 1985, **Deputy Editor** of *The Journal of Sports Medicine and Physical Fitness*. Minerva Medica Publ. Torino.

From 2014 to present, **Editor-in-Chief** of *The Journal of Sports Medicine and Physical Fitness*.

Minerva Medica Publ. Torino.

1987-2000, Managing Editor of the International Journal of Sports Cardiology. C.E.P.I. Publ.

Rome.

1990-95, Member of the **Editorial Board** of the *Clinical Journal of Sports Medicine*. Raven Press

Publ. New York.

## Selected invited LECTURES in major scientific events:

- 1982. Luanda. Angola. Angola Democratic Republic. Course on Sports Medicine. Organized in cooperation with the Ministry of Health.
- 1984. Ryad. Saudi Arabia. Course on Sports Medicine. Organized with the Ministry of Sport and Education.
- 1990. Amsterdam, May 27-June 1. Key-note Speaker and Chairman. FIMS World Congress of Sports Medicine.
- 1991. Barcelona March 7, 8. Course in Sports Cardiology. Organized by the Generalitat de Catalunya; Segreteria General de l'Esport.
- 1991. Barcelona, October 26-31IOC 2nd World Congress on Sport Science.
- 1993. Guatemala. Course on Sports Medicine. Organized in cooperation with the Olympic Committee of Guatemala.
- 1995. March 22-25. IOC Medical Course, Hong Kong, China.
- 1995. April 27-28. Advanced Course on Sports Medicine, Ankara. Medical Faculty and Hacettepe University School of Sports Science and Technology.
- 1996. May 29-June1. American College of Sports Medicine 43rd Annual Meeting. (Symposium). Cincinnati, USA
- 1998. March 28-April 1. American College of Cardiology, 47th Annual Scientific Session. (Meet the Experts and Luncheon panel) Atlanta, GA. USA.
- 1998. April 26-30 XIII World Congress of Cardiology. (Key-note Speaker and Chairman) Rio de Janeiro. Brazil.
- 1998. May 30-June 3. FIMS World Congress of Sports Medicine. (Key-note Speaker) Orlando, USA.
- 1998. June 3-6. American College of Sports Medicine 45th Annual Meeting. (Symposium) Orlando, USA
- 1999. June 2-5. American College of Sports Medicine 46th Annual Meeting. (Presidential Lecture) Seattle, USA
- 1999. November 4th-8th. Intensive Course on Sports Cardiology. University of Corrientes. Argentina.
- 1999. November 8th. Instituto de Cardiologia y Chirurgia Cardiovascular. Fundacion Favaloro. Buenos Aires. Argentina.
- 2000. November 6th. Lecturer. Division of Cardiology, Bay State Medical Center; TUFTS Medical School, Springfield, MA. USA,
- 2000., November 8th. Lecturer. Hartford Hospital, University of Connecticut, Hartford, CN. USA
- 2000. November 10th. Lecturer. Cardiology, St. Vincent's Hospital, Yale University, Bridgeport, CN. USA,
- 2002, September 2nd. Annual Meeting of the European Society of Cardiology. (Symposium). Berlin. Germany.
- 2002. October 5<sup>th</sup>. Lecturer. Minneapolis Heart Institute Foundation, MN. USA.
- 2003. March 24<sup>th</sup>. Lecturer. TUFTS University, New England Medical Center. Boston, MA. USA
- 2003. March 25<sup>th</sup>. Lecturer. Hartford Hospital, University of Connecticut, Hartford, CN. USA
- 2003. September 1<sup>st</sup>. Lecturer Congress of the European Society of Cardiology. Wien, Austria.
- 2004. September 3rd. Invited speaker. Congress of the European Society of Cardiology. Munich, Germany.
- 2005. September 6th. Invited speaker. Congress of the European Society of Cardiology. Stockholm, Sweden.

- 2006. March 11. Invited speaker. American College of Sports Medicine 53th Annual Meeting. Atlanta. USA.
- 2006. March 14<sup>th</sup>. Lecturer. Lankenau Hospital. University of Philadelphia. Philadelphia. USA.
- 2006. October 23<sup>th</sup>. Lecturer. Hospital of St. Raphael (Yale University). New Haven, USA.
- 2006. October 24<sup>th</sup>. Lecturer. Hartford Hospital, Hartford. University of Connecticut. CT, USA.
- 2006. October 26<sup>th</sup>. Lecturer. Brigham and Women's Hospital. Boston, MA, USA.
- 2008. May 12<sup>th</sup>. 16<sup>th</sup> annual Leonard Horowitz Memorial Lectureship. Main Line Health, Heart Center. Philadelphia, USA.
- 2008. May 19<sup>th</sup>. Lecturer. Stanford Cardiac Arrhythmia Service. Stanford University Medical School. CA, USA.
- 2008. November 8<sup>th</sup>. Lecturer. IOC Medical Committee meeting. Stockholm.
- 2009. February 13<sup>th</sup> Lecturer. IAFF Medical Committee meeting. Monaco.
- 2009. June 22-23. Lecturer Advanced Team Physician Course. Stanford University Medical School. CA, USA.
- 2009. June 26-27. Lecturer. Athlete's Heart, Sudden Death and Hypertrophic Cardiomyopathy. Stanford University Medical School. CA, USA.
- 2009. October 4-7. Lecturer. Venice Arrhythmias. Venice. Italy.
- 2009. October 16-18. Lecturer. Diagnosis and Management of Hypertrophic Cardiomyopathy and Prevention of Sudden Death. Minneapolis, MN. USA.
- 2009. October 30-31. Lecturer. IOC Medical Commission Annual Conference. Lausanne, Switzerland.
- 2010. January 15<sup>th</sup>. Lecturer. Annual meeting of the French Society of Cardiology. Paris. France.
- 2010. May 6<sup>th</sup>. Lecturer. Annual meeting of the European Association of Cardiovascular Prevention and Rehabilitation. Praha.
- 2010. August 29<sup>th</sup>. Lecturer. Annual meeting of the European Society of Cardiology. Stockholm. Sweden
- 2010. September 17<sup>th</sup>. Lecturer. Spanish Olympic Committee Headquarters. Madrid. Spain.
- 2010. October 1-2. Lecturer. Annual meeting of the European Working Group of Cardiomyopathies. La Coruna. Spain.
- 2010. October 28<sup>th</sup>. Lecturer. FEMEDE (Spanish Federation of Sport Medicine) annual meeting. Bilbao. Spain.
- 2011. April 7-9. Keynote Speaker. IOC World Conference "Prevention of injuries and illness in sport". Monaco.
- 2011. April. 14-16. Lecturer. Annual meeting of the European Association of Cardiovascular Prevention and Rehabilitation. Genève (Switzerland).
- 2011. May 20-21. Lecturer. Arrhythmogenic Cardiomyopathy: from genes to therapy. Padua. Italy.
- 2011. June 20-24. Lecturer. International Course on Cardiovascular Imaging. St Wolfang. Austria.
- 2011. September 9. Scientific coordinator and lecturer of the 1<sup>st</sup> Course "IOC periodic health evaluation: ECG for elite sport physicians". Lausanne. Switzerland.
- 2011. September 22-24. Lecturer. Meeting of the Italian Society of Sport Cardiology. Reggio Emilia. Italy.
- 2011. October 9-11. Lecturer. Venice Arrhythmias. Venice. Italy.
- 2012. March 25-27. Lecturer and Chairman. Annual Conference of the American College of Cardiology. Chicago. USA
- 2012. May 3-5. Chairman. Europrevent 2012, annual meeting of the European Association of Cardiovascular Prevention and Rehabilitation.
- 2012. June 22.24. Monterey (CA). Lecturer and Chairman. Cardia: cardiac arrhythmias, sudden death, inherited cardiovascular disease, athletes, organized by the Stanford School of Medicine.

- 2012. October 18, 19. Scientific coordinator and lecturer of the 1st Course "IOC periodic health evaluation and imaging testing". Lausanne. Switzerland
- 2012. November 1-3. Invited Lecturer. IOC Course of Sport Medicine. University of Belgrade School of Medicine.
- 2013. March 8-10. San Francisco. Lecturer. Annual Conference of the American College of Cardiology.
- 2013. May 18-20. Rome. Lecturer and Chairman. Europrevent 2013, annual meeting of the European Association of Cardiovascular Prevention and Rehabilitation.
- 2013. August 31-September 3. Amsterdam. Chairman. European Society of Cardiology annual meeting.
- 2013. September 27-29. Minneapolis. Lecturer. International Summit on Hypertrophic Cardiomyopathy. A treatable disease.
- 2013. October 18<sup>th</sup>. Scientific coordinator and lecturer of the 2nd Course "IOC periodic health evaluation and imaging testing". Lausanne. Switzerland
- 2013. November 22-24. Rome. Lecturer. Advances in Cardiac Electrophysiology. Sport and Sudden Death.
- 2013. December 13-15. Rome. Lecturer. Annual Meeting of the Italian Society of Cardiology.
- 2014. April 10-12. (Lecturer) IOC World Conference "Prevention of injuries and illness in sport". Monaco.
- 2014. March 28-31. Washington DC. USA. Lecturer and Chairman. Annual Conference of the American College of Cardiology.
- 2014. May 7 -10. Amsterdam. NL. Lecturer and Chairman. Europrevent 2014, annual meeting of the European Association of Cardiovascular Prevention and Rehabilitation.
- 2014. June 6-7. Rome. Scientific coordinator and lecturer of the 3rd Course "IOC periodic health evaluation and imaging testing".
- 2014. June 13-14. Port Rose. SLO. Invited lecturer at the National Congress of the Slovenian Society of Cardiology.
- 2014. August 29-September 2. Barcelona. Lecturer and Chairman. European Society of Cardiology Annual Meeting.
- 2014. Doha. Invited lecturer of the 4th Course "IOC periodic health evaluation and imaging testing".
- 2014. November 7-9. Zagreb (CRO). Invited lecturer at the National Congress of the Croatian Society of Cardiology.
- 2015. April 9-11. London. Invited speaker to the International Congress "Medicine and Football", organized by the FIFA (International Federation of Football Association).
- 2015. May 14-16. Lisbon. Lecturer and Chairman. Europrevent 2015, Annual Congress of the European Association of Cardiovascular Prevention and Rehabilitation.
- 2015. May 21-23. Beograd. Invited speaker. International IOC Course "Prevention of sudden cardiac deaths in athletes"
- 2015. June 24-27. Comandatuba. Bahia (Brazil). Invited Speaker. International Congress of Elettrocardiology
- 2015. July 20-22. Fukuoka. Japan. Invited Speaker. Annual Congress of the Japanese Association of Cardiovascular Rehabilitation.
- 2015. August 29-Settembre 2. London. Lecturer and Chairman. Annual Congress of the European Society of Cardiology.
- 2015. October 2,3. Cremona (Italy). Invited Speaker. National Congress of the Italian Society of Sport Cardiology

- 2015. October 17. Venezia. Invited Speaker. Venice Arrhythmias, International Congress of Arrhythmology and Clinical Cardiology.
- 2015. November 2-4. Buenos Aires (Argentina). Organizer and invited speaker to International IOC Course "Advances in Sport Cardiology", organized in cooperation with the Argentinian Olympic Committee.
- 2015. November 18-20. Rome. Chairman and invited speaker. PLACE. International Congress Arrhythmology and Clinical Cardiology.
- 2015. December 12-14. Rome. Chairman and invited. National Congress of the Italian Society of Cardiology.
- 2016. June 13-15. Sophia Antipolis. Nice. Lecturer and Chairman. Europrevent 2016, annual meeting of the European Association of Preventive Cardiology.
- 2016. August 27-31. Rome. Lecturer and Chairman. Annual Congress of the European Society of Cardiology.
- 2016. September 1<sup>st</sup>. Organizer and speaker to Course on Sport Cardiology, endorsed by the ESC/EAPC.
- 2016. October 29. Lisbon. Lecturer and Chairman. First Sport cardiology and Cardiomyopathies Meeting.
- 2016. November 27-29. Organizer and invited speaker to International IOC Course "Advances in Sport Cardiology", organized in cooperation with the Serbian Olympic Committee.
- 2016. December 17-19. Rome. Chairman. National Congress of the Italian Society of Cardiology.
- 2017. 16-18 March. Chairman and Lecturer. IOC World Conference "Prevention of injuries and illness in sport". Monaco.
- 2017. May 6 8. Malaga. Lecturer and Chairman. Europrevent 2017, annual meeting of the European Association of Preventive Cardiology.
- 2017. May 19. Cagliari. Lecturer. Italian Society of Cardiology work session.
- 2017. June 23,24. Bangalore. India. Invited Speaker. Annual Congress of the Indian Association of Preventive Cardiology.
- 2017. August 27-30. Barcelona. Lecturer and Chairman. Annual Congress of the European Society of Cardiology.
- 2017. August 30,31. Organizer and speaker to Course on Sport Cardiology, endorsed by the ESC/EAPC.
- 2017. September 28-30. Organizer, chair and speaker of the XVIII National Congress of the Italian Society of Sport Cardiology
- 2017. October 16-18. Tel Aviv. Chair and Lecturer. Dead Sea Symposium.
- 2017. October 27-29. Boston (MA). Lecturer. International Summit on Hypertrophic Cardiomyopathy. A treatable disease.
- 2017. November 22-24- Rome. Chair and Lecturer. PLACE. International Congress Arrhythmology and Clinical Cardiology.
- 2017. December 16-18. Rome. Chairman. National Congress of the Italian Society of Cardiology.
- 2018. March 18 20. Barcelona. Lecturer and Chairman. Annual Congress of the European Heart Rhythm Association (EHRA).
- 2018. April 18-21. Ljubljana. Lecturer and Chairman. Europrevent 2018, annual meeting of the European Association of Preventive Cardiology.
- 2018. August 25-28. Munich. Lecturer and Chairman. Annual Congress of the European Society of Cardiology.

- 2018. October 11-12. London. Invited Speaker. Annual Conference of Cardiac Risk in the Young (CRY).
- 2019. March 18-20. Lisbon. Lecturer and Chairman. Annual Congress of the European Heart Rhythm Association (EHRA).
- 2019. April 4- 5. Zurich. Invited Speaker. Annual Zürcher Review Kurs in Klinischer Kardiologie.
- 2019. April 11 13. Lisbon. Lecturer and Chairman. Europrevent 2018, annual meeting of the European Association of Preventive Cardiology
- 2019. April 27-29. Villamoura. Invited Speaker. Annual Congress of the Portuguese Society of Cardiology.
- 2019. May 3- 4. Venice. Invited Speaker and Chairman. Congress of the European Association of Cardiac Magnetic Resonance (EuroCMR)
- 2019. June 13- 15. Rome. Invited Speaker and Chairman. National Congress of the Italian Society of Sport Cardiology.
- 2019. July 4 -5. Tokyo. Organizer, Chairman and Lecturer. IOC Course of Sport Cardiology.
- 2019. August 31-September 4. Paris. Lecturer and Chairman. Annual Congress of the European Society of Cardiology.
- 2019. October 4-5. Invited Speaker and Chairman. Venice Arrhythmias.
- 2019. October 18. London. Invited Speaker and Chairman. Cardiac Risk in the Young (CRY) Annual Conference of Cardiology.
- 2019. November 18. Padua. Senior Lecturer at the Master Course of Sport Cardiology.
- 2019. November 22-23. Rome. Invited Speaker and Chairman. PLACE. International Congress Arrhythmology and Clinical Cardiology.
- 2019. December 13-15. Rome. Invited Speaker. National Congress of the Italian Society of Cardiology.