

## Carlo Martinoli

### PERSONAL INFORMATION

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Sex: Male

Date of birth: 24/10/1961

Nationality: Italian



### Work Experience:

Carlo Martinoli received his medical degree in 1986 at the University of Genoa, Italy and became a specialist in diagnostic radiology in 1989 at the University of Cagliari, Italy. He has held positions of Staff Radiologist, Assistant Professor of Radiology and Associate Professor of Radiology at the University of Genoa. Currently, he is Full Professor of Radiology and Director of the Postgraduate School of Diagnostic Radiology at this University. He is also Head of the Emergency Radiology Unit at the University-Hospital of Genoa (IRCCS Ospedale Policlinico San Martino), Italy.

### Job-related skills

Since 1989, his clinical practice has mainly involved ultrasound and imaging of the musculoskeletal and peripheral nervous systems. He has devoted more than 25 years to education in the field of musculoskeletal radiology and he is author of a preeminent textbook on Musculoskeletal

Ultrasound (Bianchi S., Martinoli C. *Ultrasound of the Musculoskeletal System*. Ed. Springer Verlag, Heidelberg 2007) that has been listed within the top 10 best-selling scientific books of Springer Verlag in 2010. The original version of the book has been written in English. It was then translated in Korean, Turkish, Polish, Spanish and Chinese. Throughout his career, Carlo Martinoli has received numerous teaching and professional awards from Scientific Societies, including RSNA, ARRS, ECR, ESPR and ESUR-SUR. He has published 322 (according to Scopus statistics<sup>®</sup>) scientific articles in international medical journals (English literature) in which manuscript decisions are based on peer review (H-index =68; citations =15553 according to Google Scholar<sup>®</sup> statistics: H-index=54 according to Scopus statistics<sup>®</sup>). He has also been included in the list of top 1.5% international scientists (Plos Biology<sup>®</sup>) and has held over one thousand invited lectures at international courses or congresses. Carlo Martinoli developed the HEAD-US system (Haemophilia Early Arthropathy Detection with Ultrasound), a point-of-care technique and scoring scale providing a simplified technique that focuses on the 3 joints affected in haemophilia, a flexible and repeatable tool that haemophilia specialists can integrate into the routine monitoring of patients, and the scoring of disease activity and disease damage to optimize prophylaxis management. This HEAD-US technique has now become a global standard (>150 publications reported in PubMed<sup>@</sup>) for screening joints to detect occult disease activity and recognize early osteochondral damage in these patients.

### Honours

Carlo Martinoli received lifetime honorary membership from the Sociedade Portuguesa de Radiologia e Medicina Nuclear - SPRMN, Sociedad Espanola de Ultrasonidos - SEUS, dell'American Society of Ultrasound in Medicine - AIUM, Croatian Society of Ultrasound in

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## *Curriculum Vitae of Honorary Guest Speakers*

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Medicine and Biology - Croatian Medical Association, Sociedad Espanola de Radiologia Medica – SERAM, Polish Ultrasound Society – PTU and Slovenian Society of Ultrasound in Medicine, SZRUM. He has been invited by 28 universities around the world to give seminars, symposia, or lectures as “Visiting Professor” and gave six honorary lectures: the 25th Annual Barry Goldberg Lecture (Tel Aviv, Israel - June 14, 2007), the Annual Honorary Lecture for Robert H. Freiburger (New York NY, May 14, 2010), the Inaugural Lecture at the 4th Congress of Radiology of Bosnia and Herzegovina (Sarajevo, 30 September 2011), the Inaugural Lecture at the XII Congress of the Portuguese Society of Radiology and Nuclear Medicine (Troia, 07 May 2014), the Lambert Lecture at the AANEM Annual Meeting (Savannah GA, October 2014), the Morton Spinner Honorary Lecture (Rochester MN, November, 2014) and an honorary guest lecture at the Journées Francophones de Radiologie – JFR (Paris, 13 October, 2018). More scientific honours were bestowed on him, including the Amory Codman Award for Musculoskeletal Imaging from the Bruxelles University (2015).

### **Societal Activities**

Carlo Martinoli is an active member of the International Skeletal Society – ISS since 2001. In 2010-2012, he served this Society as member-at-large of the Executive Committee (2010-2012). He was also member of the Refresher Course Committee in the 2009 ISS conference (Washington DC) and co-chair for Radiology in the 2012 ISS conference (Rome, Italy). He took part in three ISS outreach initiatives in Barnaul, Russia (2007), Moscow, Russia (2015) and Hyderabad, India (2015). Carlo Martinoli is also actively involved with the European Society of Musculoskeletal Radiology - ESSR and has served this Society as Member of the Executive Committee (2004-2006), Chairman for Ultrasound and Chairman of the Education Committee (2012-2018). Carlo Martinoli chaired the ESSR Annual Congress in Genoa, Italy in 2009- He was Vice President (2020-2021), President-Elect (2021-2022), President (2022-2023) and he is currently Immediate Past President of the European Society of Musculoskeletal Radiology - ESSR. In addition, he has been member of the Educational Committee Board of the "European Society of Radiology - ESR" (2018-2019) for Musculoskeletal Radiology and chaired the MSK Subcommittee at ECR 2018. Carlo Martinoli was one of the founders of the International Society of Peripheral Neurophysiological Imaging (ISPNI), a multidisciplinary that aims to forward global education and research in the field of peripheral nerve imaging (<https://uia.org/s/or/en/1122285881>).