

PROF. ANTONIO MORONI

Full Professor

Diseases of the Locomotor System

Unicamillus University of Rome

Director U.O. Orthopaedics II - IRCCS San Siro Milan

Chief Hip Resurfacing Surgery Center - Villa Regina Bologna

Born in Bologna, he graduated in Medicine and Surgery at the University of Bologna with 110/110 cum laude with the dignity of printing his degree thesis. He specialized in Orthopedics and Traumatology with 70/70 cum laude at the Orthopedic Clinic of the University of Bologna at the Rizzoli Orthopedic Institutes. He has performed several periods of study in prestigious foreign university centers to deepen his experience in the field of hip and knee surgery, such as the Hospital for Special Surgery, New York, USA and Johns Hopkins University, Baltimore, USA. He was a Research Fellow at the Mayo Clinic, Rochester, USA for one year. In 2000 he attended the Royal Orthopedic Hospital, Birmingham, Great Britain, learning the hip resurfacing technique.

He began his university career at the Orthopedic Clinic of the University of Bologna at the Rizzoli Orthopedic Institutes. In 2002 he was called as Associate Professor of Locomotor System Diseases at the Faculty of Medicine and Surgery of the University of Bologna. In 2007 he was appointed Director of the School of Specialization in Physical Medicine and Rehabilitation of the University of Bologna. In 2011 he was called as an associate professor confirmed by the Faculty of Motor Sciences of the University of Bologna. In 2016 he was called as full professor at the Faculty of Medicine and Surgery of the Vita - Salute San Raffaele University in Milan. In 2018 he was appointed Director of the School of Specialization in Orthopedics and Traumatology of the Vita - Salute San Raffaele University of Milan. In 2021 he was transferred to the UniCamillus University of Rome as Full Professor of Locomotor System Diseases.

He carries out surgical activities under an agreement with the NHS as Director of the Second Operating Unit of the IRCCS San Siro in Milan and as Director of the Hip Coating Center of the Villa Regina Hospital in Bologna. Most of the surgical activity concerns hip and knee surgery. Since 2018, he has been the surgeon who annually performs the most hip resurfacing operations worldwide. He personally performed more than 6000 hip resurfacing operations with metal / metal tribology (MOM). It has recently developed a new coating implant with metal / polyethylene tribology (MOP) that can be used in patients who cannot be operated with metal / metal tribology such as: women of childbearing age, patients allergic to nickel and patients with renal insufficiency. He has a large number of cases of hybrid hip arthroplasty, a technique that is used in patients in whom the veneer is not indicated, about 3000 interventions. He also performed more than 1200 knee arthroplasty operations.

He has published more than 200 scientific papers, 68 of which in English-language scientific journals with impact factor. He has published as first author on all the most prestigious British and American orthopedic scientific journals. He is the author of 7 book chapters and a monograph printed abroad.

He is a member or was a member of the Scientific Committee or has acted as Reviewer for the following scientific journals: Scandinavian Journal of Surgery, Journal of Orthopedic Trauma, Journal of Biomedical and Materials Research (Applied Biomaterials), Injury, Journal of Orthopedic Research, Bone, Biomaterials, Journal of Bone and Joint Surgery (Am), Surgery of the Organs of Movement, Strategies in Trauma and Limb Reconstruction, Archives of Orthopedic and Trauma Surgery, Clinical Orthopedics and Related Research.

He is active in the following scientific societies: Member of the Italian Society of Orthopedics and Traumatology (SIOT) of which in the two-year period 2003-2004 he was a member of the Board of Directors, Member of the American Academy of Orthopedic Surgeons (AAOS), Past President of the International Society for Fracture Repair (ISFR), Past President of the Osteoporotic Fracture Campaign (OFC), Member of the Italian Society of Biomaterials (SIB), Member of the American Society of Biomaterials (SB), Member of the European Hip Society (EHS), Past President of the International Society for Ceramics in Medicine (ISCM), Member of the International Osteoporosis Foundation (IOF), and member of the Fracture Working Group.

He has presented scientific papers in English at more than 350 international conferences, and numerous invited papers in English at international conferences. He is one of the few European orthopedic surgeons who has continuously presented scientific reports at the Congresses of the Orthopedic Research Society, and of the American Academy of Orthopedic Surgeons. He has organized numerous international congresses. It annually organizes a Hip Surgery Course which includes both lectures and teaching in the operating room.

He has obtained 7 prizes for scientific activity, among these the prizes for the best scientific work of the Spanish Society of Orthopedic Surgery and Traumatology, American Orthopedic Trauma Association and American Academy of Orthopedic Surgeons stand out.