



PERSONAL INFORMATION

Name Nicola MAFFULLI MD, MS, PhD, FRCP, FRCS(Orth), FFSEM

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Nationality British

Date of birth 11 April 1959

CURRENT POSITIONS

Full Professor of Trauma and Orthopaedic Surgery, Faculty of Medicine and Psychology, Sapienza University of Rome, Italy
Chief of Service, Department of Trauma and Orthopaedic Surgery, Sant'Andrea University Hospital Rome, Italy

Honorary Professor of Trauma and Orthopaedic Surgery, Keele University School of Medicine, Stoke on Trent, England

Honorary Professor of Sport and Exercise Medicine, Queen Mary University of London, London, England

Special clinical interests

- Sports knee surgery
- Ankle and foot surgery in sports
- Sport Traumatology
- Degenerative joint diseases in young athletes

EDUCATION AND TRAINING

Nov 1977 to Sep 1983	<i>Laurea In Medicina e Chirurgia, Università di Napoli (Italy)</i>
1992	PhD Doctor of Philosophy, University of London (UK)
1994	MS (Master of Surgery, University of London (UK)
1998	MD Doctor of Medicine, University of Aberdeen (UK)
Oct 1986 to July 1987	Senior House Officer in Orthopaedics and Accident and Emergency Officer. Pilgrim Hospital, Boston, Lincs
July 1987 to July 1990	Clinical Lecturer in Sports Medicine and Registrar in Orthopaedics. Institute of Child Health, and The Hospital for Sick Children, London.
Aug 1990 to Dec 1990	Clinical Research Fellow and Registrar in Orthopaedics at the The Hospital for Sick Children, London
Jan 1991 to Nov 1992	Registrar in Orthopaedics and Trauma, in Newham General Hospital, London
Dec 1992 to Dec 1994	Senior Registrar and Clinical Lecturer in Orthopaedic Surgery. Aberdeen Hospitals Rotation, Aberdeen

Jan 1995 to Dec 1995	Associate Professor in Orthopaedics and Traumatology. Chinese University of Hong Kong.
Apr 1996 to Mar 2001	Senior Lecturer in Orthopaedics. University of Aberdeen Medical School, Consultant Trauma and Orthopaedic Surgeon
Mar 2001 to Dec 2008	Professor of Trauma and Orthopaedic Surgery. Keele University Medical School, Consultant Trauma and Orthopaedic Surgeon
Dec 2008 to Jan 2013	Professor of Sport and Exercise Medicine. Queen Mary University of London, Consultant Trauma and Orthopaedic Surgeon
Jan 2013 to Sep 2015	Professor of Physical Medicine and Rehabilitation. University of Salerno School of Medicine, Surgery and Dentistry. Consultant Trauma and Orthopaedic Surgeon

Oct 2015 to Aug 2023 Professor of Trauma and Orthopaedic Surgery. University of Salerno School of Medicine, Surgery and Dentistry. Consultant Trauma and Orthopaedic Surgeon

Languages: Italian, English, Spanish, Franch.

- FIELDS OF RESEARCH INTEREST**
- Molecular biology, tissue engineering, genetics
 - Sports medicine and sports traumatology
 - Exercise physiology
 - Randomized clinical studies in Orthopedics and Traumatology
 - Editorial Board Member of 12 international Journals:
 1. Clinical Journal of Sport Medicine since 2000
 2. Arthroscopy (2000-2005)
 3. Knee Surgery, Arthroscopy and Sports Traumatology since 2000
 4. British Journal of Sports Medicine since 2001
 5. The Knee since 2005
 6. Surgeon since 2006

- Previous Experience as Principal Investigator**
1. **Effects of intensive training on the musculo-skeletal system of elite young athletes (TOYA) study.** The Sports Council of England: July 1987 - July 1990, GBP 976,000
 2. **Bone health in Chinese children and adolescents.** The Jockey Club, Hong Kong: April 1994-December 1998, HK\$ 1,532,841 (approximate value: GBP 117,910)
 3. **Measurement of the functional biomechanics of the musculo-skeletal system using a vertical open bore MRI.** In collaboration with the Departments of Biomedical Physics and Bioengineering, Environmental and Occupational Medicine, Radiology, Rheumatology, of the University of Aberdeen. Joint Research Initiative: June 2000, GBP 1,658,281.
 4. **Quantitative on-line assessment of collagen fibre organisation in connective tissues *in vivo* and during conditioning *in vitro*.** In collaboration with the Biophotonics Group, Cranfield University. Biotechnology and Biological Sciences Research Council. September 2003 to present GBP 179,929
 5. **Extracorporeal Shock Wave Therapy Project: Part 1 Assessment of the Effectiveness of Extracorporeal Shock Wave Therapy (ESWT) for Soft Tissue Injuries (ASSERT): microdialysis Part 2 Assessment of the Effectiveness of Extracorporeal Shock Wave Therapy (ESWT) for Soft Tissue Injuries (ASSERT).** ImpactQM KTA Scheme 3 May 2011 £151,448

Prizes and awards

- Prize winner for the best Orthopaedic Specialisation programme dissertation: **Histochemical and physiological studies in human idiopathic scoliosis**. University of Napoli Federico II, Medical School, Italy. 18 October 1988
- Prize winner for the best Sports Medicine Specialisation programme dissertation: **High resolution real time ultrasonography in Sports Medicine**. University of Napoli Federico II, Medical School, Italy. 29 October 199
- Prize winner for the British Orthopaedic Association, 22nd Instructional Course, Smith and Nephews Richards Research and Travel Award: **Patterns of meniscal tears in anterior cruciate deficient knees in athletes**. Chester, England. 16 January 1993
- Prize winner for the Asian Federation of Sports Medicine, 2nd Congress, Best Basic Sciences paper: **Effects of pulsed magnetic and electromagnetic fields on experimental *in vivo* acute Achilles tendonitis in the rat**. Manila, Philippines. 24-27 January 1996
- Recipient of the ESSKA (European Society of Surgery of the Knee, Arthroscopy and Orthopaedic Sports Medicine) Travelling Fellowship for 1997: 1st June – 26th June 1997
- Recipient of the ABC Travelling Fellowship to North America for 1998: 16th May- 28th June 1998.
- Recipient of the Aircast-BASM Travelling Fellowship in Sports Medicine for 1999

**Previous Funding (individual
sum > k€100)**

- 1. Effects of intensive training on the musculo-skeletal system of elite young athletes (TOYA) study.** The Sports Council of England: July 1987 - July 1990, GBP 976,000
- 2. Bone health in Chinese children and adolescents.** The Jockey Club, Hong Kong: April 1994-December 1998, HK\$ 1,532,841 (approximate value: GBP 117,910)
- 3. A genetic analysis of congenital talipes equinovarus in the Great Britain.** In collaboration with the Department of Medical Genetics, University of Aberdeen Medical School, the Department of Orthopaedics of the Hospital for Sick Children, London, and the Department of Orthopaedics of the Doncaster Royal Infirmary, Doncaster. Grampian Medical Research Fellowship Scheme and SPARKS (Sports in Aid of Medical Research for Kids): August 1998-July 1999, GBP 78,066.
- 4. Measurement of the functional biomechanics of the musculo-skeletal system using a vertical open bore MRI.** In collaboration with the Departments of Biomedical Physics and Bioengineering, Environmental and Occupational Medicine, Radiology, Rheumatology, of the University of Aberdeen. Joint Research Initiative: June 2000, GBP 1,658,281.
- 5. The genetic basis of idiopathic congenital talipes equinovarus.** In collaboration with the Department of Human Genetics of the University of Aberdeen. SPARKS: October 2000-September 2002, GBP 123,187.
- 6. A longitudinal study on the effects of sports activity in master athletes.** In collaboration with the Department of Physiology, University of Napoli. December 2001 to 2005. Euros 170,000 (approximate value: GBP 106,500)
- 7. The study of exercise and cold adaptation in a rat model.** In collaboration with the Department of Physiology, University of Napoli. December 2001 to December 2005. Euros 200,000 (approximate value: GBP 125,000)
- 8. Quantitative on-line assessment of collagen fibre organisation in connective tissues *in vivo* and during conditioning *in vitro*.** In collaboration with the Biophotonics Group, Cranfield University. Biotechnology and Biological Sciences Research Council. September 2003 to present GBP 179,929
- 9. Extracorporeal Shock Wave Therapy Project: Part 1 Assessment of the Effectiveness of Extracorporeal Shock Wave Therapy (ESWT) for Soft Tissue Injuries (ASSERT): microdialysis Part 2 Assessment of the Effectiveness of Extracorporeal Shock Wave Therapy (ESWT) for Soft Tissue Injuries (ASSERT).** ImpactQM KTA Scheme 3 May 2011 £151,448

**FURTHER INFORMATIONS AND
RELEVANT PUBLICATIONS**

PEER REVIEWED PUBLICATIONS

I have published over 1500 scientific articles in indexed international journals, including:

- 719 Research articles
- 624 review articles
- 77 editorials
- 61 surgical technique articles
- 104 case report articles

My h-index is 150 (Google Scholar).

- Sharma, Pankaj, and Nicola Maffulli. "Tendon injury and tendinopathy: healing and repair." *JBJS* 87.1 (2005): 187-202.
- Aubry, Mark, et al. "Summary and agreement statement of the first International Conference on Concussion in Sport, Vienna 2001." *The Physician and sportsmedicine* 30.2 (2002): 57-63.
- Brancaccio, Paola, Nicola Maffulli, and Francesco Mario Limongelli. "Creatine kinase monitoring in sport medicine." *British medical bulletin* 81.1 (2007): 209-230.
- Maffulli, Nicola. "Overuse tendon conditions: time to change a confusing terminology." *Arthroscopy: The Journal of Arthroscopic & Related Surgery* 14.8 (1998): 840-843.
- Maffulli, Nicola. "Current concepts review-rupture of the Achilles tendon." *JBJS* 81.7 (1999): 1019-36.
- Sharma, P., and N. Maffulli. "Biology of tendon injury: healing, modeling and remodeling." *Journal of musculoskeletal and neuronal interactions* 6.2 (2006): 181.
- Cometti, G., et al. "Isokinetic strength and anaerobic power of elite, subelite and amateur French soccer players." *International journal of sports medicine* 22.01 (2001): 45-51.
- Narici, Marco V., and Nicola Maffulli. "Sarcopenia: characteristics, mechanisms and functional significance." *British medical bulletin* 95.1 (2010): 139-159.
- Maffulli, Nicola, Jason Wong, and Louis C. Almekinders. "Types and epidemiology of tendinopathy." *Clinics in sports medicine* 22.4 (2003): 675-692.
- Brancaccio, Paola, Giuseppe Lippi, and Nicola Maffulli. "Biochemical markers of muscular damage." *Clinical Chemistry and Laboratory Medicine* 48.6 (2010): 757-767.

Books

Editor of 12 book regarding various on various aspects of Orthopedics and Traumatology and Sports Medicine and Exercise.

The undersigned is aware that, pursuant to art. 26 of law 15/68, false declarations, false documents and the use of false documents are punished under the penal code and special laws. Furthermore, the undersigned authorizes the processing of personal data, in accordance with Law 196/03 and EU Regulation 679/2016

Rome, 02.08.2023

Signature

