



Edoardo Guazzoni

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Work experience

Orthopaedic Consultant | Humanitas Research Hospital | 01/11/2023 - Current | Milan, Italy

Attending Physician at the Hip and Prosthetic Surgery Unit led by Prof. Guido Grappiolo at the Humanitas Research Hospital in Milan (IT).

I perform daily primary and revision hip and knee surgery and hip arthroscopies.

I delve into clinical research activities to implement current techniques and develop innovative techniques and implants design in hip and knee prosthetic and arthroscopic surgery.

Website: <https://www.humanitas.it/unita-operative/ortopedia-dell-anca-e-chirurgia-protetica>

Fellow in orthopedics and traumatology | Hip and Prosthesis Unit, Humanitas Research Hospital | 01/11/2022 - 21/06/2023 | Milano, Italy

Participating at surgical, clinical and research activities of the Unit under the supervision of the chief Prof. Guido Grappiolo

Fellow in orthopedics and traumatology | Unidad de cadera (Hip unit), ICATME Fundaciòn, Hospital Universitario Quiròn Dexeus | 31/03/2021 - 29/09/2021 | Barcellona, Spain

Participating at surgical, clinical and research activities of the Unit under the supervision of the chief Dr. Manuel Ribas

Website: www.micadera.cat

Fellow in orthopedics and traumatology | Ziekenhuis Oost-Limburg Hospital, Genk, Belgium | 31/08/2020 - 30/10/2020 | Genk, Belgium

Participating at surgical, clinical and research activities of the Unit under the supervision of Prof. J. Bellemans, Prof. K. Corten and Dr. R. Driesen

Fellow in orthopedics and traumatology | Ziekenhuis Oost-Limburg Hospital, Genk, Belgium | 31/12/2019 - 30/03/2020 | Genk, Belgium

Participating at surgical, clinical and research activities of the Unit under the supervision of Prof. J. Bellemans, Prof. K. Corten and Dr. R. Driesen

Resident in orthopedics and traumatology | IRCCS San Matteo, Pavia, Italy / University of Pavia | 31/10/2018 - 31/10/2023 | Pavia, Italy

Participating at surgical, clinical and research activities of the Unit under the supervision of Prof. F. Benazzo and Prof. F. Grassi

Education & Training

Resident in Orthopedics and Traumatology, graduated with 50/50 magna cum laude | Università degli studi di Pavia | 31/10/2018 - 31/10/2023 | Pavia, Italy

Address: Corso Strada Nuova, 65 27100

Student at the faculty of Medicine and Surgery, graduated with 110/110 magna cum laude and honorable mention | Università Vita-Salute San Raffaele | 31/08/2011 - 30/07/2017 | Milan, Italy

Address: Via Olgettina, 5820132

Trainee in the mandatory national training for medical practitioner | Ministry of Education, Universities, and Research (MIUR) and Univerista Vita-Salute San Raffaele | 31/10/2017 - 27/02/2018 | Milan, Italy

Address: Via Olgettina, 5820132

Scientific interests

Current research activity | Current

The topics I am investigating the most at the moment are:

Hip revision surgery (i.e. new classification system for acetabular bone defects, trabecular metal augment follow up)

Hip-spine relationship (i.e. combined anteversion and CSI relationship)

New implants design (i.e. new anatomical dual mobility cup and new conical fluted revision stem)

IA integration in the orthopedics world

Hip resurfacing

Awards

"Premio in memoria di Gianni e Mario Randelli": Best orthopedics residency thesis 2023 | 14/12/2023 - 14/12/2023

Award conferred by SLOTO for the best residency thesis in orthopedics of the year 2023, in memory of Professor Gianni and Mario Randelli.

Thesis title:

THE "FEMUR FIRST" TECHNIQUE FOR THE FUNCTIONAL POSITIONING OF THE ACETABULAR CUP: A RADIOLOGICAL STUDY ON THE COMBINED SAGITTAL INDEX "SAFE ZONE"

Board Memberships and Scientific Society Engagement

S.I.C.O.O.P: Board Member for the years '24/27 | 01/01/2024 - 31/12/2027

AISOT: Area manager for North of Italy for the years '22/23 | 01/01/2022 - 31/12/2023

AISOT: Delegate for the University of Pavia for the years '21/'22 | 01/01/2021 - 31/12/2022

Networks and Memberships

S.I.C.O.O.P (Società Italiana Chirurghi Ortopedici dell'Ospedalità Privata) | 01/01/2024 - Current

EHS (European Hip Society) | 01/06/2023 - Current

A.I.P (Associazione Italiana della Pelvi) | 01/06/2022 - Current

S.L.O.T.O (Sodalizio Lombardo Ortopedici Traumatologi Ospedalieri) | 31/08/2021 - Current

O.T.O.D.I (Ortopedici e Traumatologi Ospedalieri D'Italia) | 31/08/2021 - Current

SIGASCOT (Società italiana Ginocchio Artrosopia Sport Cartilagine tecnologie Ortopediche) | 30/04/2021 - Current

SIdA (Società Italiana d'Anca) | 31/12/2018 - Current

SIOT (Società Italiana Ortopedia e Traumatologia) | 31/12/2018 - Current

A.I.S.O.T. (Associazione Italiana Specializzandi in Ortopedia e Traumatologia) | 31/10/2018 - Current

Delegate for the University of Pavia for the years '21/'22

Area manager for North of Italy for the years '22/23

Publications

The Role of the 'Femur First' Technique and Spinopelvic Characteristics in Achieving the Combined Sagittal Index in Total Hip Arthroplasty: Results from a Retrospective Tertiary-Center Clinical Study

2025.

<https://www.mdpi.com/2077-0383/14/16/5620>

Trabecular Metal Augments for the Management of Paprosky Type III Defects Without Pelvic Discontinuity: Average 11-Year Follow-Up in Cases With Previously Reported 4-Year Clinical Results

2024.

<https://www.sciencedirect.com/science/article/pii/S0883540324012415?via%253Dihub>

Mid-Term Clinical and Radiographic Results of Complex Hip Revision Arthroplasty Based on 3D Life-Sized Model: A Prospective Case Series

2024.

<https://pubmed.ncbi.nlm.nih.gov/39336985/>

A new classification to characterize and predict treatment of acetabular bone defects

2024.

<https://link.springer.com/article/10.1007/s00402-024-05327-0>

Tissue location of SARS-CoV-2 RNA: A focus on bone and implications for skeletal health

2024.

<https://www.sciencedirect.com/science/article/abs/pii/B9780443187032000165>

Letter to the editor: ‘The history of the development of the regular straight stem in hip arthroplasty’

2024.

<https://pubmed.ncbi.nlm.nih.gov/38306797/>

Using Three-Dimensional Printing Technology to Solve Complex Primary Total Hip Arthroplasty Cases: Do We Really Need Custom-Made Guides and Templates? A Critical Systematic Review on the Available Evidence

2024.

<https://pubmed.ncbi.nlm.nih.gov/38256607/>

Detection of SARS-CoV-2 in Cancellous Bone of Patients with COVID-19 Disease Undergoing Orthopedic Surgery: Laboratory Findings and Clinical Applications

2022.

<https://www.mdpi.com/1660-4601/19/17/10621>

A mechanistic insight into the anti-metastatic role of the prostate specific antigen

2021.

<https://pubmed.ncbi.nlm.nih.gov/34455373/>

Faculty member, abstract, oral presentation and poster

CORSO DISSEZIONE ANATOMICA-ICLO 2025 | 09/09/2025 - 09/09/2025

Tutor at dissection course for resident in orthopedics and traumatology

AISOT Planning School HIP SESSION | 07/05/2025 - 07/05/2025

Scientific coordinator and organizer of total hip replacement planning course organized by AISOT

107° SIOT 2024 | 29/10/2024 - 31/10/2024

Moderator for the session "Artroprotesi Anca" at the 107° SIOT 2024

The “Femur First” technique for the functional positioning of the acetabular cup: a radiological study on the combined sagittal index “safe zone” | 29/10/2024 - 31/10/2024

Oral presentation at the 107° SIOT Congress

Abductor deficiency: clinical case presentation | 29/10/2024 - 31/10/2024

Oral presentation at the 107° SIOT Congress

Corso Nazionale di Dissezione Anatomica Ortopedica | 16/07/2024 - 16/07/2024

Tutor at the dissection course organized by AISOT

Trabecular Metal Augments For The Management Of Paprosky Type III Defects: A Minimum 5-Year Follow Up- Term Retrospective Study. | 22/05/2024 - 24/05/2024

Poster at EFORT Annual Congress held in Hamburg, Germany

A New Classification To Characterize And Predict Treatment Of Acetabular Bone Defects | 22/05/2024 - 24/05/2024

Poster at EFORT Annual Congress held in Hamburg, Germany

Trabecular metal augments for the management of paprosky type iii defects: a minimum 5-year follow up retrospective study. | 18/04/2024 - 19/04/2024

Poster at 4th World Arthroplasty Congress held in Madrid, Spain

Chirurgia di revisione per l'ipermetria dolorosa dopo protesizzazione primaria dell'anca | 11/11/2023 - 11/11/2023

E-Poster at 106° SIOT national congress

Valutazione dei difetti acetabolari con modellino 3D a dimensione reale ed un suo confronto con RX e TC: una case series | 11/11/2023 - 11/11/2023

E-Poster at 106° SIOT national congress

PTA: tecnica "Femur First". Come raggiungere la antiversione combinata senza l'ausilio di navigatori o robot. | 10/11/2023 - 10/11/2023

Relive surgery at 106° SIOT national congress

Una nuova classificazione radiografica dei difetti ossei acetabolari: studio di attendibilità e abilità di predizione del trattamento chirurgico | 09/11/2023 - 09/11/2023

Abstract and oral communication at 106° SIOT national congress

Protesi totale d'anca con osteotomia femorale di accorciamento | 09/11/2023 - 09/11/2023

Relive surgery at 106° SIOT national congress

Preoperative accuracy of acetabular bone defect assessment based on 3D life-sized model: a case series. | 13/10/2023 - 13/10/2023

Abstract and oral communication at 15th Congress of the European Hip Society

La pianificazione delle revisioni, come la tecnologia di stampa 3D ci può aiutare | 20/05/2023 - 20/05/2023

Abstract and oral communication at SIdA- AIR 2023 joint meeting

La stimolazione con campi elettromagnetici induce il differenziamento delle hasc in assenza di fattori osteogenici | 10/11/2022 - 12/11/2022

E-Poster at 105° SIOT national congress

La presentazione clinica ed ecografica della caviglia nei pazienti emofilici: uno studio anatomico | 10/11/2022 - 12/11/2022

E-Poster at 105° SIOT national congress

Valutazione del recupero funzionale e del tasso di Return to Play in pazienti sottoposti a reinserzione dei mm. Ischiocrurali e confronto tra le principali misure di valutazione dell'outcome post-operatorio ed il reale ritorno all'attività sportiva | 10/11/2022 - 12/11/2022

Abstract and oral communication at 105° SIOT national congress

La chirurgia di revisione delle protesi totali di caviglia nei pazienti emofilici | 10/11/2022 - 12/11/2022

Abstract and oral communication at 105° SIOT national congress

Interventi di re-revisione di protesi totale di ginocchio in pazienti emofilici: la nostra esperienza | 01/07/2022 - 01/07/2022

Abstract and oral communication in the session "Best of the school" at the VIII congresso nazionale AISOT 2022

First portal access in hip arthroscopy: a new non-radiological method to identify the articulation.

Abstract and oral communication at 23rd EFORT Congress in Lisbon

La ricostruzione acetabolare può essere supportata da un cage in difetti ossei massivi o nelle discontinuità pelviche?

Poster at Associazione Italiana Riprotesizzazione (AIR) 2022

Re-Revision Surgery After Total Knee Arthroplasty In Haemophilic Patients: A Multidisciplinary Challenging Case Series

E-Poster at World Federation of Hemophilia (WFH) 2022 World Congress

Trattamento dell'impingement femoro acetabolare con accesso mini invasivo: case report di un follow up di 15 anni in un atleta d'élite

Abstract and oral communication at VII Congresso Nazionale AISOT

Single-Center Retrospective Study on the Outcomes of Primary and Revision Total Hip Arthroplasty employing Bone Impaction Grafting and Antiprotusio Cage

Abstract and oral communication at SIdA- AIR 2021 joint meeting

Conferences & Seminars

107° congresso nazionale della Società Italiana di Ortopedia e Traumatologia | 29/10/2024 - 31/10/2024

Il percorso diagnostico terapeutico nella revisione di protesi di anca e ginocchio. Dalla prevenzione al follow-up | 17/10/2024 - 18/10/2024 | Humanitas Research Hospital, Rozzano, Italia

106° congresso nazionale della Società Italiana di Ortopedia e Traumatologia | 09/11/2023 - 11/11/2023 | Roma

15th Congress of European Hip Society | 12/10/2023 - 13/10/2023 | Bern

IX Congresso Nazionale dell'Associazione Italiana Specializzandi in Ortopedia e Traumatologia (A.I.S.O.T.) "L'anca e il ginocchio: from Zero to Hero" | 19/05/2023 - 20/05/2023 | Policlinico Gemelli, Roma

Moderator of the session: "Revisione di protesi d'anca"

International Joint meeting S.I.d.A. / A.I.R. 2023 | 20/04/2023 - 22/04/2023 | Riccione, Italy

105° congresso nazionale della Società Italiana di Ortopedia e Traumatologia | 10/11/2022 - 12/11/2022 | Roma

FORTE summer school | 25/07/2022 - 29/07/2022 | Athens, Grece

<https://www.forteortho.org/summer-school-2022/>

Oltre il camice, Campus ortopedia 2022 | 07/07/2022 - 08/07/2022 | Rome, Italia

Two days course about pain management in orthopedics patients organized by Angelini Pharma

Virtual Education on Knee | 21/06/2022 - 04/07/2022 | IRCCS Policlinico San Matteo, Pavia, Italia

Four days course on knee replacement an surgical technique of the Attune Knee System organized by Johnson&Johnson/DePuy

VIII Congresso Nazionale AISOT | 01/07/2022 - 02/07/2022 | Bari, Italy

Moderator of the session: "Le fratture dell'anello pelvico"

<https://aisot.it/evento/viii-congresso-nazionale-aisot/>

23rd EFORT Congress Lisbon 2022 | 22/06/2022 - 24/06/2022 | Lisbon, Portugal

<https://congress.efort.org/>

O.T.O.D.I. Hip Campus | 13/06/2022 - 13/06/2022 | Roma

One day course focused on total hip arthroplasty organized by O.T.O.D.I.

Mako Fundamentals Certification, Surgical Training Programme | 12/05/2022 - 12/05/2022 | Milano

One day course about Mako assisted surgery by Stryker

Congresso nazionale AIP: Le fratture pelviche dell'anziano: dalla sintesi alla protesi | 06/05/2022 - 07/05/2022
| Roma, Policlinico Gemelli

Spring Boot Camp | 25/04/2022 - 28/04/2022

4 days course on traumatology organized by O.T.O.D.I.

SIdA- AIR 2021 joint meeting | 13/10/2021 - 15/10/2021 | Brescia, Italia

<https://sida2021.it/>

BOOT CAMP (O.T.O.D.I.) | 04/10/2021 - 05/10/2021 | Riccione, Italia

Two days course focused on fundamental knowledge of the operative treatment of fractures organized by O.T.O.D.I.

<https://www.lcfcongress.com/eventi/boot-camp-2021/>

VII Congresso nazionale AISOT | 09/09/2021 - 10/09/2021 | L'Aquila, Italia

<https://www.aisot2021aq.it/>

Campionato nazionale LIGCA 2021 | 01/07/2021 - 02/07/2021 | Bari, Italia

Two days course focused on knee pathology, diagnostic and surgery organized by SIAGASCOT

<https://siagascot-orto.com/ligca/>

Congresso SIGASCOT "Current Concepts. La Gonartrosi: dalla cellula al metallo" | 27/11/2019 - 28/11/2019 |
Parma, Paganini Congressi

Corso MIS anteriore | 20/11/2019 - 21/11/2019

Two days course on the DAA organized by the SIdA

Congresso Nazionale della Società dell'Anca 2019 | 18/09/2019 - 19/09/2019 | Bergamo, Ospedale Papa
Giovanni XXIII

SIGASCOT meets AISOT: ricostruzioni legamentose periferiche nel ginocchio | 08/03/2019 - 08/03/2019 |
Pavia, IRCCS Fondazione San Matteo

**6° Congresso dell'Associazione Italiana Specializzandi in Ortopedia e Traumatologia (A.I.S.O.T.): " Il
politrauma dall'early care al trattamento definitivo"** | 30/05/2019 - 31/05/2019 | Torino, Centro Congressi
Incontra

Language Skills

Mother tongue(s): **Italian**

Understanding		Speaking		Writing
Listening	Reading	Spoken production	Spoken interaction	

English	C1	C1	B2	C1	C1
Spanish	B1	B1	B1	B1	B1