europass

Marco Manzetti

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ABOUT ME

I am an Orthopaedic Surgeon at the IRCCS Istituto Ortopedico Rizzoli. My clinical and scientific activity is mainly focused on spine surgery, spine biomechanics, spinal alignment, and basic orthopedic sciences.
I currently work at the I Clinic of Orthopedics and Traumatology, directed by Professor Cesare Faldini, and I am a PhD student in Biomedical and Neuromotor Sciences at the DIBINEM Department of the University of Bologna.
My training included also international experiences in spine surgery, including a Sagittal Balance and Spinal Deformity Fellowship at CHU de Bordeaux under the supervision of Professor Jean Charles Le-Huec, an AO Spine Fellowship at the Schulthess Klinik in Zurich under the guidance of Professor Markus Loibl, and an additional experience at the Universitätsspital Zürich.
Alongside clinical and scientific activity, I am involved in teaching Orthopedics and Traumatology to students at the University of Bologna

WORK EXPERIENCE

PART - TIME ADMINISTRATIVE ASSISTANT – UNIVERSITÀ DI PISA, DIPARTIMENTO DI RICERCA TRASLAZIONALE E DELLE NUOVE TECNOLOGIE IN MED. E CHIR. – 02/28/2017 – 02/28/2018 – PISA, ITALY

Address: 10, Via Savi, 56126, Pisa, Italy

CONTINUITY CARE DOCTOR – AZIENDA USL TOSCANA NORD OVEST – 06/30/2019 – 08/31/2019 – VIAREGGIO, ITALY

Address: 530, Via Antonio Fratti, 55049, Viareggio, Italy

RESIDENT DOCTOR IN ORTHOPAEDICS & TRAUMATOLOGY – IRCCS - ISTITUTO ORTOPEDICO RIZZOLI – 10/31/2019 – 11/04/2024 – BOLOGNA, ITALY

Address: 1, Via Giulio Cesare Pupilli, 40136, Bologna, Italy

CONTINUITY CARE DOCTOR – AUSL BOLOGNA - DISTRETTO DI PORRETTA TERME – 11/2023 – 11/2024 – BOLOGNA, ITALY

Address: Via Castiglione, 29, Bologna, 40124, Bologna, Italy

PHD STUDENT – ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA – 11/2023 – Current – BOLOGNA, ITALY

ATTENDING SURGEON – IRCCS - ISTITUTO ORTOPEDICO RIZZOLI – 01/2025 – Current – BOLOGNA, ITALY

EDUCATION AND TRAINING

08/2006 – 06/2011 Viareggio, Italy

HIGHER SECONDARY EDUCATION DIPLOMA (GRADE 84/100) Liceo Scientifico Barsanti e Matteucci

Address 5151, Via IV Novembre, 55049, Viareggio, Italy | **Level in EQF** EQF level 4

10/31/2017 – 10/31/2019 Pisa, Italy
STUDENT REPRESENTATIVE "Listamina: diretta, pratica, libera"

08/2012 – 06/2018 Pisa, Italy
MASTER'S DEGREE IN MEDICINE & SURGERY Università di Pisa

Address 10, Via Savi, 56126, Pisa, Italy | **Final grade** 110\110 cum laude | **Level in EQF** EQF level 7

08/31/2018 – 10/31/2018 Bordeaux, France
VISITING FELLOW, SAGITTAL BALANCE AND SPINE DEFORMITY FELLOWSHIP AT PR. JC LEHUEC CHU BORDEAUX Centre Hospitalier Universitaire

Address Place Amélie Raba Léon, 33300, Bordeaux, France

02/18/2019 – CURRENT Pisa, Italy
MEDICAL LICENCE Università di Pisa

Address 10, Via Savi, 56126, Pisa, Italy | **Level in EQF** EQF level 7

10/2019 – CURRENT Bologna, Italy
RESIDENT DOCTOR IN ORTHOPAEDICS & TRAUMATOLOGY Alma Mater Studiorum - Università di Bologna

Address 38, Via Zamboni, 40126, Bologna, Italy | **Level in EQF** EQF level 8

11/2023 – CURRENT Bologna, Italy
PHD STUDENT Alma Mater Studiorum - University of Bologna

Website https://www.unibo.it/sitoweb/marco.manzetti2

06/03/2024 – 07/26/2024 Zurich, Switzerland
GUEST FELLOW - AO SPINE SHORT TERM FELLOWSHIP AT WIRBELSÄULENCHIRURGIE SCHULTHESS KLINIK, PROF. MARKUS LOIBL Schulthess Klinik

07/29/2024 – 08/09/2024 Zurich, Switzerland
GUEST FELLOW - AT KLINIK FÜR TRAUMATOLOGIE, USZ ZURICH PROF. HANS-CHRISTOPH PAPE Universitätsspital Zürich

FELLOWSHIPS

09/01/2018 – 10/31/2018
Visiting fellow at the Department of Spine Surgery, CHU Bordeaux, under the supervision of Prof. Jean-Charles Le Huec

Trainee at the Department of Spine Surgery, CHU Bordeaux, under the supervision of Prof. Jean-Charles Le Huec

Link https://www.chu-bordeaux.fr/Les-unités-médicales/Unité-de-chirurgie-du-rachis/L-équipe-médicale/

06/03/2024 – 06/26/2024
AO Spine Short-Term Fellowship - Schulthess Klinik

Department of Spine Surgery at the Schulthess Klinik under the supervision of Prof. Markus Loibl and Prof. Dezsö J. Jeszenszky

Link https://www.schulthess-klinik.ch/de/fachbereich/wirbelsaeulenchirurgie

07/29/2024 – 08/09/2024
Guest Fellow - at Klinik für Traumatologie, USZ Zurich Prof. Hans-Christoph Pape

Universitätsspital Zürich

Link https://www.usz.ch/en/department/traumatology/service/treatment-of-the-spine-pelvis/

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B1
FRENCH	B1	B1	B1	B1	A2
SPANISH	A2	B1	A2	A2	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

2021

Power-assisted pedicle screws placement: Is it as safe and as effective as manual technique? Narrative review of the literature and our technique

Pedicle screws are the gold standard in spine surgery, allowing a solid tricolumnar fixation which is unmatched by hooks and wires. The freehand technique is the most widely adopted for pedicle screws placing. While freehand technique has been classically performed with manual tools, there has been a recent trend toward the use of power tools. The aim of this review is to summarize and expose potential risks and advantages of power pedicle screws placing.

Link https://link.springer.com/article/10.1007/s12306-021-00714-x

2021

Surgical treatment of scoliosis in Ullrich Congenital Muscular Dystrophy: a case series of 3 patients

Scoliosis in Ullrich Congenital Muscular Dystrophy (UCMD) is very common, with a reported incidence of more than 50%, and it is rapidly progressive. There are no previous studies which specifically focus on scoliosis surgery in UCMD patients.

Link https://www.jstage.jst.go.jp/article/irdr/advpub/0/advpub_2020.03162/_article/-char/en

2021

Resumption of sport after spinal fusion for adolescent idiopathic scoliosis: a review of the current literature

Adolescent idiopathic scoliosis (AIS) is a frequent disorder. Since patients with AIS are typically as active as age-matched controls and post-operative reduction in physical activity has detrimental effects on their well-being, return to sport (RTS) is an important perioperative concern. Aim of the present study is to review the literature concerning return to sport after spinal fusion for AIS.

Link https://link.springer.com/article/10.1007/s43390-021-00330-6#citeas

2021

Does surgery for Scheuermann kyphosis influence sagittal spinopelvic parameters?

The purpose of the present study was to analyze changes in sagittal spinopelvic parameters (SSPs) after surgical treatment of Scheuermann's Kyphosis.

Link https://www.giot.it/article/il-trattamento-chirurgico-della-sindrome-di-scheuermann-influisce-sui-parametri-spino-pelvici/

2022

Return to sport after posterior spinal fusion for adolescent idiopathic scoliosis: what variables actually have an influence? a retrospective study

A cohort of athletically active patients who underwent surgery for adolescent idiopathic scoliosis (AIS), and to determine which clinical, surgical and anthropometric variables infuenced their return to sport after surgery.

Spine Deformity

Link https://link.springer.com/article/10.1007/s43390-022-00535-3

2022

Epigenetic and genetic factors related to curve progression in adolescent idiopathic scoliosis: a systematic review of the current literature

Adolescent idiopathic scoliosis (AIS) is a progressive deformity of the spine. Scoliotic curves progress until skeletal maturity leading, in rare cases, to a severe deformity. While the Cobb angle is a straightforward tool in initial curve magnitude measurement, assessing the risk of curve progression at the time of diagnosis may be more challenging. Epigenetic and genetic markers are potential prognostic tools to predict curve progression. The aim of this study is to review the available literature regarding the epigenetic and genetic factors associated with the risk of AIS curve progression.

International Journal of Molecular Sciences

Link https://www.mdpi.com/1422-0067/23/11/5914

2022

Transient L5 nerve root palsy caused by subfascial drain following lumbar surgery. Case report and Literature review

We describe the case of a 45-year-old woman who developed a transient L5 deficit after a posterior L4-L5 interbody fusion. A perfusion computed tomography scan ruled out all described causes of postoperative deficit and showed compression of the right L5 root by the subfascial drain. The deficit spontaneously resolved.

JBJS Case Connector

Link 10.2106/JBJS.CC.22.00006

2022

Sacroiliac joint degeneration and pain after spinal arthrodesis: a systematic review

The present study aims to review the available literature concerning sacroiliac joint (SIJ) pain and degeneration after lumbosacral fixation to identify the prevalence and potential risk factors.

Clinical Spine Surgery Journal

Link https://journals.lww.com/jspinaldisorders/Abstract/9900/Sacroiliac_Joint_Degeneration_and_Pain_After.32.aspx

2022

Is sarcopenia a risk factor for post-operative surgical site infection after posteriorlumbar spinal fusion?

This retrospective observational study aimed to evaluate the impact of sarcopenia on surgical site infection (SSI) risk in patients who undergo posterior lumbar fusion.

International Journal of Spine Surgery

Link https://doi.org/10.14444/8302

2022

Minimally invasive surgery using posterior-only Pedicle screw fixation in treatment of Adolescent Idiopathic Scoliosis: A Systematic Review and Meta-Analysis

Minimally invasive surgery (MIS) techniques for posterior spine pedicle-screw fusion (PSF) may reduce the AIS surgery invasiveness, although they require a certain degree of patient selection based on the severity of the curve. The aim of this article is to systematically review the Literature to determine efficacy and safety of MIS-PSF in AIS correction, and to compare its outcomes with open-PSF.

Journal of Clinical Neuroscience

Link https://doi.org/10.1016/j.jocn.2022.03.019

2022

5.5mm Cobalt-Chrome vs 6mm Titanium Alloy rods in surgical treatment of Lenke 1Adolescent Idiopathic Scoliosis with high density pedicle screws and Direct Vertebral Rotation on differently shaped rods: a Retrospective Comparative Cohort Study

The gold standard of surgical treatment of Adolescent Idiopathic Scoliosis (AIS) consist of a posterior approach requiring complex 3-dimensional correction with multisegmental pedicle screws attached to two contoured rods. The substantial corrective forces and the ability of the rod to withstand these forces rely on its biomechanical properties. The aim of this study is to compare outcomes of 5.5mm Cobalt-Chrome (CoCr) and 6mm Titanium alloy (TiAl) rods in surgical correction in Lenke 1 AIS patients.

International Journal of Spine Surgery

Link https://pubmed.ncbi.nlm.nih.gov/36220777/

2021

Simultaneous Selective Thoracic Fusion of Lenke-1C Scoliosis and Reduction of Symptomatic Spondylolisthesis: A Case Report

The combined treatment of unrelated Lenke-1C curves and spondylolisthesis represents a challenge: The two arthrodesis areas must achieve corrections while preserving mobility as much as possible. We reported a case of 20-year-old girl with Lenke-1C scoliosis and Meyerding grade-2 symptomatic L5-S1 isthmic spondylolisthesis.

Link https://www.jmisst.org/journal/view.php?doi=10.21182/jmisst.2020.00241

2022

Freehand power-assisted pedicle screw placement in scoliotic patients: results on 5522 consecutive pedicle screws

Pedicle screws is the current gold standard in spine surgery, achieving a solid tricolumnar fixation which is unreachable by wires and hooks. The freehand technique is the most widely adopted for pedicle screws placing. While freehand technique has been classically performed with manual tools, there has been a recent trend toward the use of power tools. However, placing a pedicle screw remains a technically demanding procedure with significant risk of complications. The aim of this article is to retrospectively evaluate safety and accuracy of free-hand power-assisted pedicle screw placement in a cohort of patients who underwent correction and fusion surgery for scoliosis (both idiopathic and non-idiopathic) in our department.

MUSCULOSKELETAL SURGERY

Link https://doi.org/10.1007/s12306-022-00754-x

2022

Total knee replacements using rotating hinge implants in polio patients: clinical and functional outcomes

Little evidences are available in the literature concerning the outcomes of total knee replacement (TKR) in poliomyelitis patients with severe knee deformities or degeneration. Encouraging results have been reported concerning the use of constrained implants, i.e., rotating hinge knee prosthesis (RHK), compared to less constrained ones. The purpose of this paper is to report our experience with rotating hinge total knee replacement, using only RHK prosthesis, to determine functional results, complications, and survival of TKR in poliomyelitis patients.

MUSCULOSKELETAL SURGERY

Link https://doi.org/10.1007/s12306-022-00755-w

2022

Allogenic Bone grafts and postoperative surgical site infection: are positive intraoperative swab cultures predictive for a higher infectious risk?

In spine surgery, allogenic bone grafts are often required to ensure bone fusion, but the main concern regarding their use is the infection risk: therefore, an intraoperative swab on their surface for culture test is performed. The cost-effectiveness of theses wabs and their influence on the patients' postoperative course have often been questioned. The aim of this study is to determine whether positive spine allograft culture results are predictive of an increased risk of surgical site infection and whether they influence the surgeon's treatment choices.

Cell and Tissue Banking

Link https://doi.org/10.1007/s10561-022-10061-1

2022

Management of patella maltracking after total knee arthroplasty: a systematic review

Patella maltracking is among the most frequent causes of poor outcomes and early failure after total knee arthroplasty (TKA), with an incidence that ranges from 1 to 20%. Even if there is agreement between authors regarding the preoperative and intraoperative management of patella maltracking in TKA, less clear are postoperative conducts. The purpose of this systematic review is to summarize and compare surgical techniques used to treat patella maltracking after TKA.

MUSCULOSKELETAL SURGERY

Link https://link.springer.com/article/10.1007/s12306-022-00764-9

2022

High-grade dysplastic spondylolisthesis: surgical technique and case series

The aim of the present study is to evaluate the results of our all posterior-one stage surgical technique for the reduction and fusion of high-grade high-dysplastic spondylolisthesis.

MUSCULOSKELETAL SURGERY

Link https://link.springer.com/article/10.1007/s12306-022-00764-9

2022

Osteopenia and Sarcopenia as Potential Risk Factors for Surgical Site Infection after Posterior Lumbar Fusion: A Retrospective Study

Surgical site infection (SSI) is a feared complication in spinal surgery, that leads to lower outcomes and increased healthcare costs. Among its risk factors, sarcopenia and osteopenia have recently attracted particular interest. The purpose of this article is to evaluate the influence of sarcopenia and osteopenia on the postoperative infection rate in patients treated with posterior fusion for degenerative diseases of the lumbar spine.

Microorganisms

Link https://www.mdpi.com/2076-2607/10/10/1905

2022

Multilevel non-contiguous thoracic pedicle subtraction osteotomy for fixed rounded hyperkyphotic deformity of the thoraco-lumbar junction with anterior bony fusion: technical note

Fixed severe hyperkyphotic deformities spread over more than five vertebral levels represent a therapeutic challenge, especially when the deformity apex is located at the thoraco-lumbar junction, thus requiring a huge amount of correction. The aim of this article is to describe an innovative all-posterior corrective technique based on multilevel non-contiguous thoracic pedicle subtraction ostoeotomy (PSO).

Journal of Orthopaedics and Traumatology

Link https://jorthoptraumatol.springeropen.com/articles/10.1186/s10195-022-00665-4#citeas

2022

Accuracy of Patient-Specific 3D-Printed Guides for Pedicle Screw Insertion in Spine Revision Surgery: Results of a Retrospective Study

This retrospective study was performed to evaluate the safety and efficacy of patient-specific 3D-printed guides (MySpine® Medacta, Switzerland) for pedicle screw placement in spine revision surgery.

Surgical Technology International

Link https://pubmed.ncbi.nlm.nih.gov/36283694/

2022

Surgical treatment of severe adolescent idiopathic scoliosis through one-stage posterior-only approach: A systematic review and meta-analysis

The aim of this meta-analysis was to analyze the results of one-stage all-posterior spinal fusion for severe adolescent idiopathic scoliosis (AIS).

Journal of Craniovertebral Junction & Spine

Link 10.4103/jcvjs.jcvjs_80_22

2022

The role of posterior condylar offset ratio on clinical and functional outcome of posterior stabilized total knee arthroplasty: a retrospective cohort study

Postoperative Range of Motion (ROM) is an important measurement of the success of a Total Knee Arthroplasty (TKA). Much enthusiasm has been recently directed toward the posterior femoral condylar offset (PFCO), with some authors reporting increasing postoperative knee flexion when increasing PFCO. The aim of this study is to retrospectively determine the effect of the PFCO on the clinical and functional outcome of a cohort of patients who underwent a Posterior Stabilized (PS) TKA.

European Journal of Orthopaedic Surgery & Traumatology

Link https://doi.org/10.1007/s00590-022-03459-w

2023

Epigenetic Factors Related to Low Back Pain: A Systematic Review of the Current Literature

Low back pain (LBP) is one of the most common causes of pain and disability. At present, treatment and interventions for acute and chronic low back pain often fail to provide sufficient levels of pain relief, and full functional restoration can be challenging. Considering the significant socio-economic burden and risk-to-benefit ratio of medical and surgical intervention in low back pain patients, the identification of reliable biomarkers such as epigenetic factors associated with low back pain could be useful in clinical practice. The aim of this study was to review the available literature regarding the epigenetic factors associated with low back pain.

International Journal of Molecular Sciences

Link https://doi.org/10.3390/ijms24031854

2023

Mechanobiology of the Human Intervertebral Disc: Systematic Review of the Literature and Future Perspectives

Low back pain is an extremely common condition with severe consequences. Among its potential specific causes, degenerative disc disease (DDD) is one of the most frequently observed. Mechanobiology is an emerging science studying the interplay between mechanical stimuli and the biological behavior of cells and tissues. The aim of the presented study is to review, with a systematic approach, the existing literature regarding the mechanobiology of the human intervertebral disc (IVD), define the main pathways involved in DDD and identify novel potential therapeutic targets.

International Journal of Molecular Sciences

Link https://doi.org/10.3390/ijms24032728

2023

Complications after Posterior Lumbar Fusion for Degenerative Disc Disease: Sarcopenia and Osteopenia as Independent Risk Factors for Infection and Proximal Junctional Disease

Proximal Junctional Disease (PJD) and Surgical Site Infection (SSI) are among the most common complications following spine surgery. Their risk factors are not fully understood. Among them, sarcopenia and osteopenia have recently been attracting interest. The aim of this study is to evaluate their influence on mechanical or infective complications after lumbar spine fusion.

Journal of Clinical Medicine

Link https://doi.org/10.3390/jcm12041387

2023

Risk factors for postoperative coronal imbalance after surgical correction of adult spinal deformities: a systematic review with pooled analysis

The aim of this study was to identify preoperative risk factors for postoperative coronal imbalance (CIB) in patients undergoing surgical correction for adult spinal deformity (ASD).

Journal of Neurosurgery: Spine

Link https://doi.org/10.3171/2023.1.SPINE22669

2023

Sharing Circulating Micro-RNAs between Osteoporosis and Sarcopenia: A Systematic Review

Osteosarcopenia, a combination of osteopenia/osteoporosis and sarcopenia, is a common condition among older adults. While numerous studies and meta-analyses have been conducted on osteoporosis biomarkers, biomarker utility in osteosarcopenia still lacks evidence. Here, we carried out a systematic review to explore and analyze the potential clinical of circulating microRNAs (miRs) shared between osteoporosis/osteopenia and sarcopenia.

Life

Link https://www.mdpi.com/2075-1729/13/3/602

2023

One stage correction via the Hi-PoAD technique for the management of severe, stiff, adolescent idiopathic scoliosis curves > 90°

The aim of the present study is to assess the efficacy and safety of Hi-PoAD technique in patients with a major thoracic curve > 90°, < 25% of flexibility and deformity spread over more than five vertebral levels.

Spine Deformity

Link 10.1007/s43390-023-00663-4

2023

Incidental dural tears do not affect the overall patients' reported outcome of spine surgery at long-term follow-up: results of a systematic review

To conduct a systematic review of the literature in order to establish if there is an overall adverse effect of accidental durotomy on the long-term patients' reported outcome after elective spine surgery.

MUSCULOSKELETAL SURGERY

Link https://doi.org/10.1007/s12306-023-00777-y

2023

Sarcopenia and osteopenia are independent risk factors for proximal junctional disease after posterior lumbar fusion: Results of a retrospective study

Since a better understanding of modifiable risk factors for proximal junctional disease (PJD) may lead to improved postoperative outcomes and less need of revision surgery, the aim of the present study is to determine whether sarcopenia and osteopenia are independent risk factors for PJD in patients undergoing lumbar fusion.

Journal of Craniovertebral Junction & Spine

Link 10.4103/jcvjs.jcvjs_140_22

2023

Independent Risk Factors of Postoperative Coronal Imbalance after Adult Spinal Deformity Surgery

The aim of the present study is to elucidate preoperative risk factors for inadequate correction of coronal imbalance and/or creation of new postoperative coronal imbalance (iatrogenic CIB) in patients who undergo surgery for Adult Spinal Deformity (ASD).

Journal of Clinical Medicine

Link https://doi.org/10.3390/jcm12103559

2023

Osteoid Osteoma of the Hand: Surgical Treatment versus CT-Guided Percutaneous Radiofrequency Thermal Ablation

Osteoid osteoma (OO) is one of the most common benign bone tumors. This type of osteogenic tumor is generally characterized by a well-defined lytic area with a vascularized central nidus surrounded by sclerosis and bone thickening. The wrist and hand bones are infrequent sites for osteoid osteoma: only 10% of the cases arise in these areas. Standard treatments are surgical excision and radio-frequency ablation (RFA), both with advantages and disadvantages. This study aimed to compare the two techniques to prove if RFA could be a potential alternative to surgery in the treatment of OO of the hand.

Life

Link https://doi.org/10.3390/life13061351

2023

Diagnosis and treatment of acute inflammatory sacroiliitis in pregnant or post-partum women: a systematic review of the current literature

The aim of the present study is to systematically review the current literature about diagnosis and treatment of acute inflammatory sacroiliitis in pregnant or post-partum women.

MUSCULOSKELETAL SURGERY

Link https://doi.org/10.1007/s12306-023-00786-x

2023

Retrograde drilling for ankle joint osteochondral lesions: a systematic review

Extensive literature exists about the treatment of ankle osteochondral lesions, but there is no specific review of retrograde drilling, despite its common application. Indications for retrograde drilling are still few and are far from clear, and some evolutions of the technique have recently occurred. The aim of this review is to provide an update on actual applications and techniques of retrograde drilling for ankle osteochondral lesions.

Journal of Orthopaedics and Traumatology

Link https://doi.org/10.1186/s10195-023-00716-

2023

A new comprehensive MRI classification and grading system for lumbosacral central and lateral stenosis: clinical application and comparison with previous systems

The purpose of our study was to provide a novel schematized and comprehensive classification of causes and severity grading system for lumbosacral stenosis.

La Radiologia Medica

Link https://doi.org/10.1007/s11547-023-01741-3

2023

Adipose-derived stem cells applied to ankle pathologies: a systematic review

The purpose of this systematic review was to analyze the current use of adipose-derived mesenchymal stem cells (ADMSCs) and present the available evidence on their therapeutic potential in the treatment of ankle orthopedic issues, evaluating the applications and results.

MUSCULOSKELETAL SURGERY

Link https://doi.org/10.1007/s12306-023-00798-7

2023

Is there a skeletal age index that can predict accurate curve progression in adolescent idiopathic scoliosis? A systematic review.

The diagnosis of adolescent idiopathic scoliosis requires clinical and radiographic evaluation; the management options vary depending on the severity of the curve and potential for progression. Identifying predictors of scoliosis progression is crucial to avoid incorrect management; clinical and radiographic factors have been studied as potential predictors. The present study aims to review the literature on radiological indexes for the peak height velocity or curve acceleration phase to help clinicians manage treatment of patients with adolescent idiopathic scoliosis.

Pediatric Radiology

Link https://doi.org/10.1007/s00247-023-05834-z

2024

Ponte Osteotomies in the Surgical Treatment of Adolescent Idiopathic Scoliosis: A Systematic Review of the Literature and Meta-Analysis of Comparative Studies

The purpose of the present paper is to assess if Ponte osteotomies (POs) allow for a better correction in adolescent idiopathic scoliosis (AIS) surgery and to investigate their safety profile.

Children

Link https://doi.org/10.3390/children11010092

2024

Pedicle Dysplasia in Proximal Thoracic Adolescent Idiopathic Scoliosis Curves: What are We Missing and What are its Possible Surgical Implications? An Observational Retrospective Study on 104 Patients

To assess if pedicle dysplasia is present in proximal thoracic (PT), both structural and nonstructural, compared to main thoracic (MT) curves; and to assess if it is predictive of radiographic outcomes at minimum 2 years of follow-up.

Global Spine Journal

Link 10.1177/21925682241230964

2024

Frailty Influence on Postoperative Surgical Site Infections After Surgery for Degenerative Spine Disease and Adult Spine Deformity. Can a Frailty Index be a Valuable Summary Risk Indicator? A Systematic Review and Metanalysis of the Current Literature

The aim of this metanalysis is to evaluate the influence of frailty on postoperative SSI in this cohort and provide hints on which index can predict the risk of SSI.

Global Spine Journal

Link https://doi.org/10.1177/21925682241235605

2024

Similar Short-Term Outcomes of Adolescent Idiopathic Scoliosis Surgery with or without Drainage: A Systematic Review of the Literature and Meta-Analysis

This study aimed to assess the effect of closed suction drainage on short-term post-operative outcomes in AIS surgery.

Journal of Personalized Medicine

Link https://doi.org/10.3390/jpm14040339

2024

Restoration of Spinopelvic Alignment After Reduction of High-grade Spondylolisthesis: Myth or Reality? A Systematic Review of the literature and Meta-analysis

The aim of the presented study is to assess whether the reduction of high-grade spondylolisthesis (HGS) through the correction of lumbosacral kyphosis leads to a decrease in the sagittal spinopelvic compensatory mechanisms.

Clinical Spine Surgery Journal

Link 10.1097/BSD.0000000000001593

2024

Comparable rates of lumbar disc degeneration at long-term following adolescent idiopathic scoliosis spinal fusion extended to L3 or L4: systematic review and meta-analysis

The aim of the present study is to assess if the spinal fusion with LIV selection of L3 or L4 in AIS patients has a clinical or radiological impact in terms of degenerative disc disease (DDD) in distal unfused segments at long-term follow-up.

Spine Deformity

Link https://doi.org/10.1007/s43390-024-00849-4

2024

Unveiling Timetable for Physical Therapy after Single-Level Lumbar Surgery for Degenerative Disc Disease: Insights from a Systematic Review and Meta-Analysis

The aim of this study is to review the available literature regarding the optimal timing of physical therapy initiation and the outcomes obtained.

Journal of Clinical Medicine

Link https://doi.org/10.3390/jcm13092553

2024

Injective Treatments for Sacroiliac Joint Pain: A Systematic Review and Meta-analysis.

Aim of this study was to quantify the safety and effectiveness of the available injective strategies to address SIJ pain.

Indian Journal of Orthopaedics

Link https://doi.org/10.1007/s43465-024-01164-w

2024

Identification of Epigenetic Biomarkers of Adolescent Idiopathic Scoliosis Progression: A Workflow to Assess Local Gene Expression

In this study, we propose a methodological approach for the identification of epigenetic markers of AIS progression through an original workflow based on the preliminary characterization of local expression of candidate genes in tissues directly involved in the pathology.

International Journal of Molecular Sciences

Link https://doi.org/10.3390/ijms25105329

2024

A Pilot Study on Circulating, Cellular, and Tissue Biomarkers in Osteosarcopenic Patients

This study aimed to explore circulating, cellular, and tissue biomarkers in osteosarcopenic (OS) patients comparing them with healthy, osteopenic (OP), and sarcopenic (SP) patients. In detail, we analyzed and evaluated routine blood test parameters, peripheral blood mononuclear cells (PBMCs), spontaneous osteoclastogenesis (the activation of osteoclasts without specific external stimulation or inducement, a risk factor in pathological conditions characterized by altered BMD), bone and muscle micro-architecture, and physiological and pathological expression of blood serum and tissue markers including those for bone, muscle, and aging.

International Journal of Molecular Sciences

Link https://doi.org/10.3390/ijms25115879

2024

To cast or not to cast? Postoperative care of ankle fractures: a meta-analysis of randomized controlled trials.

The aim of this meta-analysis is to compare the results of EM and/or EWB to traditional postoperative protocols (cast and/or NWB) after open reduction and internal fixation (ORIF) for unstable ankle fractures.

MUSCULOSKELETAL SURGERY

Link https://doi.org/10.1007/s12306-024-00832-2

2024

Image-Guided Minimally Invasive Treatment Options for Degenerative Lumbar Spine Disease: A Practical Overview of Current Possibilities

This literature review focuses on the different minimally invasive percutaneous treatments currently available, underlining the central role of radiologists having the capability to use high-end imaging technology for diagnosis and subsequent treatment, allowing a global approach, reducing unnecessary surgeries and prolonged pain-reliever drug intake with their consequent related complications, improving patients' quality of life, and reducing the economic burden.

Diagnostics

Link https://doi.org/10.3390/diagnostics14111147

2024

Efficacy of using autologous cells with graft substitutes for spinal fusion surgery: A systematic review and meta-analysis of clinical outcomes and imaging features

This meta-analysis aims to compare the radiographic and clinical outcomes between graft substitutes with autologous cell therapies and graft substitutes alone.

JOR Spine

Link https://doi.org/10.1002/jsp2.1347

2024

Survivorship of total knee arthroplasty in poliomyelitis patients: long-term results from the R.I.P.O. registry and single-institution retrospective study

This study aims to report the long-term survival of TKA in patients with poliomyelitis, using data from the Italian Register of Prosthetic Implantology.

Archives of Orthopaedic and Trauma Surgery

Link https://doi.org/10.1007/s00402-024-05426-y

2024

Comparison Between Resident and Attending Surgeons as Assistants on Adolescent Idiopathic Scoliosis Surgery: No Differences in Outcomes, Complications Rate, or Pedicle Screw Placement Accuracy

The aim of the present study was to determine if the level of training of the first assistant (resident or attending surgeon) has an influence on the radiographic outcome of AISsurgery and on the accuracy rate of the pedicle screws placement.

Clinical Spine Surgery Journal

Link https://journals.lww.com/jspinaldisorders/abstract/9900/comparison_between_resident_and_attending_surgeons.343.aspx

2024

The use of the psoas-to-lumbar vertebrae index and modified frailty index in predicting postoperative complications in degenerative spine surgery: can sarcopenia or frailty be underestimated?

This paper aims to retrospectively evaluate the influence of sarcopenia and frailty on postoperative adverse events in a cohort of patients who underwent posterior spine fusion for degenerative disease of the lumbar spine.

European Spine Journal

Link https://doi.org/10.1007/s00586-024-08567-1

2025

Can postoperative changes in pelvic incidence occur after adult spine deformity surgery? When do they occur, and what factors influence them? A systematic review with pooled analysis

Pelvic incidence (PI) is traditionally considered a constant anatomic parameter in adult spinal deformity (ASD) surgery. However, emerging evidence suggests that PI may change postoperatively, potentially influencing sagittal balance and mechanical complications. This study aims to systematically review the literature on postoperative PI variations in ASD patients, identifying potential radiologic and surgical predictors.

Spine Deformity

Link https://doi.org/10.1007/s43390-025-01103-1

2025

What factors predict cervical sagittal alignment restoration after correction of thoracic adolescent idiopathic scoliosis with severe thoracic hypokyphosis? A multicenter retrospective study of 57 patients

The purpose of this study is to to evaluate changes in cervical sagittal alignment after correction of AIS with severe thoracic hypokyphosis (< 10°); to assess radiographical parameters predicting postoperative cervical sagittal alignment through multivariate regression analysis.

European Spine Journal

Link https://link.springer.com/article/10.1007/s00586-025-09131-1

2025

Local Expression of Epigenetic Candidate Biomarkers of Adolescent Idiopathic Scoliosis Progression.

We performed an exploratory analysis by characterizing the local gene expression of candidate epigenetic factors that have been shown in recent literatureas possibly involved in AIS progression.

International Journal of Molecular Sciences

2025

Adolescent Idiopathic Scoliosis in the Adult Patient: New Classification with a Treatment-Oriented Guideline

Adolescent Idiopathic Scoliosis persisting into adulthood (AAIS) presents progressive stiffening and degenerative changes that are not fully captured by existing classifications. This heterogeneity complicates clinical decision-making and surgical planning. The aim of this study was to propose a novel, treatment-oriented classification system for AAIS.

Healthcare

Link https://doi.org/10.3390/healthcare13192418

2025

Cervical sagittal alignment after multilevel ACDF: correction goes along with loss of compensation

This study investigates degenerative changes in cervical sagittal alignment and compensatory mechanisms before and after multilevel ACDF.

European Spine Journal

Link https://doi.org/10.1007/s00586-025-09653-8

2026

Normal spino-pelvic alignment in healthy adolescents: defining the PI–SS relationship and laying the foundations for pre-operative sagittal planning.

The aim of the present study is to investigate the relationship between PI and SS in healthy adolescents aged 11–18 years to identify the most accurate model for SS_{ideal} prediction based on PI.

European Spine Journal

Link https://doi.org/10.1007/s00586-025-09722-y

CONFERENCE PRESENTATION

11/08/2022 – 11/10/2022

La tecnica HIPOAD per il trattamento della scoliosi idiopatica dell'adolescente con curve superiore a 90°

Conference poster presentation (presenting author) at SIOT 2022 - ROMA

Link https://www.congressosiot.it/wp-content/uploads/2022/09/E-poster-2_09_2022.pdf

11/08/2022 – 11/08/2022

L'OSTEOTOMIA DI SOTTRAZIONE PEDUNCOLARE TORACICA NELLE GRAVI DEFORMITA'

Conference poster presentation (presenting author) SIOT 2022 - ROMA

Link https://www.congressosiot.it/wp-content/uploads/2022/09/E-poster-2_09_2022.pdf

04/20/2023 – 04/20/2023

Stenosi Vertebrale, sono tutte da operare?

Presentation (presenting author) Spring School in chirurgia vertebrale 2023 - Bologna

Link https://siot.it/wp-content/uploads/2023/04/Programma-spring-school-WEB.pdf

06/01/2023 – 06/01/2023

Are osteopenia and sarcopenia risk factors for surgical site infection after posterior lumbar fusion? A retrospective study

Presentation (presenting author) Global Spine Congress 2023 - Prague

Link https://gsc2023.org/index.php/scientific-program/at-a-glance

09/29/2023 – 09/29/2023

La tecnica Hipoad per il trattamento della scoliosi idiopatica dell'adolescente con curve superiori a 90°

Presentation (presenting author) SITOP 2023 - Milan

Link https://www.sitop.it/wp-content/uploads/2023/09/Sitop_DEF.pdf

11/11/2023 – 11/11/2023

SARCOPENIA ED OSTEOPENIA NON SONO FATTORI DI RISCHIO INDIPENDENTI PER INFEZIONE DEL SITO CHIRURGICO E MALATTIA GIUNZIONALE PROSSIMALE IN PAZIENTI SOTTOPOSTI AD ARTRODESI VERTEBRALE LOMBARE POSTERIORE

Presentation (presenting author) SIOT 2023 - Rome

Link https://www.congressosiot.it/wp-content/uploads/2023/11/Programma-scientifico-8-11-2023.pdf

05/09/2024 – 05/11/2024

IMPATTO DELLA FRAGILITÀ SULLE INFEZIONI DEL SITO CHIRURGICO DOPO ARTRODESI VERTEBRALE PER PATOLOGIA DEGENERATIVA DEL RACHIDE. UN INDICE DI FRAGILITÀ PUÒ RAPPRESENTARE UN INDICATORE SINTETICO DI RISCHIO? UNA METANALISI DELLA LETTERATURA

Presentation (presenting author) 45° SICV&GIS - Rome

Link https://www.congressosicvgis.it/programma/

05/09/2024 – 05/11/2024

REGOLAZIONE EPIGENETICA DELLA PROGRESSIONE DELLA CURVA SCOLIOTICA NEI PAZIENTI AFFETTI DA SCOLIOSI IDIOPATICA DELL'ADOLESCENTE; STUDIO DEL RUOLO DEL WNT SIGNALLING PATHWAY

Presentation (presenting author) 45° SICV&GIS - Rome

Link https://www.congressosicvgis.it/programma/

05/09/2024 – 05/11/2024

DEGENERAZIONE E DOLORE DELL'ARTICOLAZIONE SACROILIACA DOPO ARTRODESI SPINALE: UNA REVISIONE SISTEMATICA

Presentation (presenting author) 45° SICV&GIS - Rome

Link https://www.congressosicvgis.it/programma/

05/09/2024 – 05/11/2024

COME OTTIMIZZARE LA MANOVRA DI RIDUZIONE NELLE SPONDILOLISTESI AD ALTO GRADO DI DISPLASIA: ANTIVERSIONE MANUALE DELLA PELVI VS RIDUZIONE SU VITI STANDARD PER VIA POSTERIORE.

Presentation (presenting author) 45° SICV&GIS - Rome

Link https://www.congressosicvgis.it/programma/

10/31/2024 – 10/31/2024

IMPATTO DELLA FRAGILITÀ SULLE INFEZIONI DEL SITO CHIRURGICO POST-ARTRODESI VERTEBRALE PER PATOLOGIE DEGENERATIVA O DEFORMITA' DEL RACHIDE: PUÒ UN INDICE DI FRAGILITÀ ESSERE UN INDICATORE DI RISCHIO? UNA METANALISI DELLA LETTERATURA

Presentation (presenting author) SIOT 2024 - Rome

11/11/2024 – 11/14/2024

Stenosi: sono tutte da operare?

Presentation (presenting author) at Winter School in chirurgia vertebrale 2024 - Bologna

11/11/2024 – 11/14/2024

Tecniche di fissazione della colonna con strumentario patient-specific

Congress Presentation (presenting author) at Winter School in chirurgia vertebrale 2024 - Bologna

11/11/2024 – 11/11/2024

Ernia del disco toracica

Congress Presentation (presenting author) at Winter School in chirurgia vertebrale 2024 - Bologna

06/24/2025 – 06/24/2025

Compensatory mechanisms after multilevel cervical discectomy and fusion: a retrospective AI-supported radiographic analysis.

Presentation (presenting author) Jahreskongress der swiss orthopaedics 2025 - Zurich

11/07/2025 – 11/07/2025

ANALISI AUTOMATIZZATA DELL'ALLINEAMENTO SAGITTALE CERVICALE DOPO DISCECTOMIA E FUSIONE CERVICALE ANTERIORE MULTILIVELLO: LA CORREZIONE È SEMPRE POSSIBILE E RAGIONEVOLE?

Presentation (presenting author) at SIOT 2025 - Rome

05/07/2026 – 05/07/2026

IL RILASCIO DEI COMPENSI DOPO ARTRODESI LOMBARE POSTERIORE PREDICE UN'INCIDENZA PIÙ BASSA DI PATOLOGIA DEL SEGMENTO ADIACENTE

Presentation (Presenting author) - 47° SICV&GIS - Milan

05/08/2026 – 05/08/2026

QUANDO L'ACDF MULTILIVELLO NON OTTIENE LORDOSI: L'IPERESTENSIONE DEI SEGMENTI ADIACENTI SI ASSOCIA A UNA PERSISTENTE ESTENSIONE CRANIO-CERVICALE

Presentation (presenting author) - 47° SICV&GIS - Milan

05/28/2026 – 05/30/2026

The use of the psoas-to-lumbar vertebrae index and modified frailty index in predicting postoperative complications in degenerative spine surgery: can sarcopenia or frailty be underestimated?

Presentation (presenting author) - Global Spine Congress 2026 - Istanbul

05/28/2026 – 05/30/2026

Cervical Sagittal Alignment After Multilevel ACDF: Correction Goes Along with Loss of Compensation

Presentation (presenting author) - Global Spine Congress 2026 - Istanbul

WEBINARS

05/13/2026 – 05/13/2026

Contemporary Topics in Degenerative Spine Disease: Modic Changes, Cervical Compensation and Automated Imaging

Degeneration and Compensatory Mechanisms of the Cervical Spine - CABMM Scientific Seminar Webinar Miniseries

04/27/2026 – 04/27/2026

Lecturer in the Second-Level University Master's Degree Program in "Orthoplastic Surgery", Academic Year 2025/2026.

AWARDS

08/31/2021 – 08/31/2021

High Thoracic Pedicle Subtraction Osteotomy in the Management of Severe Congenital Kyphoscoliosis in the Adult

AAOS 2020 - OVT Award Winner (Spine) American Academy of Orthopaedic Surgeons

Link https://www.aaos.org/videos/video-detail-page/23242__Videos

03/22/2022 – 03/22/2022

Two-Level Noncontiguous Simultaneous Thoracic Pedicle Subtraction Osteotomy in the Treatment of Severe Fixed Thoracolumbar Hyperkyphosis

AAOS 2021 - OVT Award Winner (Spine) American Academy of Orthopaedic Surgeons

Link https://www.aaos.org/videos/video-detail-page/25481__Videos

03/2023 – 03/2023

High-Dysplastic Spondylolisthesis With Associated Severe Scoliosis: Treatment Principles and Surgical Technique

AAOS 2022 - OVT Award Winner (Spine) American Academy of Orthopaedic Surgeons

Link https://www.aaos.org/videos/video-detail-page/26719__Videos

03/2024 – 03/2024

Cervical Corpectomy in the Management of Multilevel Cervical Stenosis: Principles of Therapy and Surgical Technique

AAOS 2023 - OVT Award Winner (Spine) American Academy of Orthopaedic Surgeons

Link https://www.aaos.org/videos/video-detail-page/27076__Videos

01/13/2026 – 01/13/2026

Reviewer of the month December - Global Spine Journal

Link https://www.aofoundation.org/spine/clinical-library-and-tools/global-spine-journal/GSJ-Editorial-Review-Board

REVIEWER FOR INTERNATIONAL ORTHOPAEDIC JOURNALS

04/30/2020 – CURRENT

Spine

Link https://journals.lww.com/spinejournal/Pages/AbouttheJournal.aspx

2021 – CURRENT

Muskoloskeletal Surgery

Link https://link.springer.com/journal/12306

09/29/2023 – CURRENT

Frontiers in Surgery

Link https://www.frontiersin.org/journals/surgery

10/2023 – CURRENT

Archives of Orthopaedic and Trauma Surgery

Link https://link.springer.com/journal/402

11/2024 – CURRENT

European Spine Journal

Link https://link.springer.com/journal/586

03/04/2025 – CURRENT

Global Spine Journal - Editorial Review Board Member

Link https://journals.sagepub.com/editorial-board/gsj

12/14/2025 – CURRENT

International Journal of Spine Surgery

Link https://www.ijssurgery.com/

ABSTRACT REVIEWER FOR CONGRESSES

Global Spine Congress - Rio 2025

reviewer of cervical spine abstracts for Global Spine Congress 2025

CERTIFICATES AND COURSES

04/01/2023 – 05/27/2023

AO Spine Online Course—The MISS Spectrum Series

Goal of the course
This course covers Minimally Invasive Spine Surgery (MISS), starting with indications and general skills and moving to specific procedures with the areas of microscopic, endoscopic, and instrumented procedures. All content is presented in a standardized fashion based on the AO Spine MISS Curriculum and published nomenclature.

Link https://aofoundation.force.com/s/lt-event?id=a1R0800000A6gle&site=a0a1p00000a7dirAAA&_ga=2.19187512.1208921590.1686412399-494099.1681819601

06/07/2024 – 06/09/2024

Current Concepts in Spine Deformity

Presented in collaboration with the Scoliosis Research Society and EUROSPINE, the current concepts courses offer a unique opportunity to learn from esteemed experts at the forefront of spinal deformity research and treatment.

Link https://www.srs.org/Meetings-Conferences/Regional-Courses/Current-Concepts-in-Spine-Deformity

CONFERENCES AND SEMINARS

07/05/2021 – 07/05/2021 Webinar

La doppia mobilità nella protesi primaria d'anca

Link https://siot.it/wp-content/uploads/2021/06/Programma-Webinar_SIdA_5.07.2021.pdf

04/08/2022 – 04/09/2022 Modena, Italy

VIII Congresso Nazionale AIR - Associazione Italiana Riprotesizzazione

Link https://adarteventi.com/CongressoAIR2022

10/06/2021 – 10/08/2021 Wien - Austria

Eurospine - 2021 Wien

Link https://www.eurospine.org/p31004150.html

05/11/2022 – 05/11/2022 Turin - Italy

Chirurgia protesica for dummies - Protesi Totale di Ginocchio

Link https://www.lcfcongress.com/eventi/corso-chirurgia-protesica-for-dummies/

05/12/2022 – 05/14/2022 Bologna, Italy

SICV&GIS - 2022 Bologna

Link https://www.congressosicvgis.it/

05/31/2022 – 05/31/2022 Webinar SICM

Management delle fratture del radio distale

Link https://www.sicm.it/it/webinar.html

10/04/2022 – 10/05/2022 Riccione - Italy
BOOTCAMP OTODI 2022 - Riccione

Link https://www.lcfcongress.com/eventi/boot-camp-2022/

10/19/2022 – 10/21/2022 Milan - Italy
Eurospine 2022 - Milan

Link https://www.eurospinemeeting.org/

11/10/2022 – 11/11/2022 Rome - Italy
SIOT 2022 - Rome

Link https://siot.it/wp-content/uploads/2022/09/Programma-16_09_22pdf.pdf

05/31/2023 – 06/02/2023 Prague - Czech Republic
Global Spine Congress 2023 - Prague

Link https://gsc2023.org/

04/19/2023 – 04/21/2023 Bologna - Italy
Spring School in Chirurgia Vertebrale "Memorial Piergiorgio Marchetti ed Alessandro Faldini"

Link https://siot.it/congressi/spring-school-in-chirurgia-vertebrale-memorial-piergiorgio-marchetti-ed-alessandro-faldini/#link_acc-1-2-d

09/28/2023 – 09/30/2023 Milan - Italy
Congresso Nazionale SITOP 2023

Link https://www.sitop.it/wp-content/uploads/2023/09/Sitop_DEF.pdf

07/05/2023 – 07/05/2023 Webinar
Il trattamento chirurgico della scoliosi idiopatica

Link https://siotformazione.algores.it/

09/20/2023 – 09/20/2023 Webinar
Ernia del disco cervicale e lombare

Link https://siotformazione.algores.it/

11/09/2023 – 11/11/2023 Rome - Italy
SIOT 2023 - Rome

Link https://www.congressosiot.it/2023/

11/09/2024 – 11/11/2024 Rome - Italy
SICV&GIS 2024 - Rome

Link https://gis-italia.org/congressi/45-congresso-nazionale/

06/13/2024 – 06/14/2024 Zürich - Switzerland
Schulthess Clinic Accademy 2024 - Spine

Link https://www.schulthess-klinik.ch/de/kurse-und-veranstaltungen/schulthess-clinic-academy-2024-spine

09/11/2024 – 09/14/2024 Barcelona - Spain
SRS Annual Meeting

Link https://www.srs.org/Meetings-Conferences/Annual-Meeting/AM24

10/29/2024 – 10/31/2024 Rome - Italy
SIOT 2024 - Rome

Link https://www.congressosiot.it/2024/index.html

11/11/2024 – 11/14/2024 Bologna - Italy
Winter School in Chirurgia Vertebrale "Memorial Piergiorgio Marchetti ed Alessandro Faldini"

Link https://siot.it/congressi/spring-school-in-chirurgia-vertebrale-memorial-pier-giorgio-marchetti-ed-alessandro-faldini/#link_acc-1-2-d

06/25/2025 – 06/27/2025 Zürich - Switzerland
85° Jahreskongress der swiss orthopaedics 2025

Link https://sgo25.organizers-congress.org/frontend/index.php

11/06/2025 – 11/08/2025 Rome - Italy
SIOT 2025 - Rome

Link https://congressosiot.it/

10/22/2025 – 10/24/2025 Copenhagen - Denmark
Eurospine 2025 - Copenhagen

Link https://www.eurospine.org/events/annual-meeting/2025/?gad_source=1&gad_campaignid=22252685476&gbraid=0AAAA9gpvHNYMgTg8Omb9sYCJDIFTDp_0&gclid=CjwKCAiAlMHIBhAcEiwAZhZB

05/07/2026 – 05/09/2026 Milano
47° SICV&GIS

05/28/2026 – 05/30/2026 Istanbul
Global Spine Congress 2026

NETWORKS AND MEMBERSHIPS

11/30/2021 – CURRENT
Membership / associations

- SICV-GIS
- AO SPINE
- SIOT - Società Italiana Ortopedia e Traumatologia
- Eurospine - Premium Member
- Member of *OMCeO (Ordine dei Medici Chirurghi e degli Odontoiatri)* Province of Lucca, Italy

TEACHING ACTIVITIES

04/03/2024 – 04/03/2024
Lecture "Ortopedia 2" Online

Orthopeadics and Traumatology lecture for AIMS (accademia italiana medici specializzandi)

10/2024 – CURRENT
"Cultore della Materia" (expert on) Orthopedics and Traumatology - Alma Mater Studiorum, University of Bologna

SKILLS

Picture Archiving and Communication System (PACS) | Google Drive | Google Docs | Organizational and planning skills | Surgimap | Medical Database | Davinci Resolve 17 | Orthopedic video | Social Media (Facebook, Twitter, Instagram, LinkedIn) | Gmail | Google | Browser Utilisation | PDF management | Whatsapp | Windows (Optimal Knowledge) | Autonomous E-Mail managing

VOLUNTEERING

08/31/2007 – 01/31/2019 Misericordia di Massarosa

Advanced level rescuer

Link http://www.misericordiamassarosa.it/

DRIVING LICENCE

Driving Licence: AM

Driving Licence: A1

Driving Licence: B

I authorize the processing of my personal data included in the CV in accordance with Legislative Decree No. 196 of June 30, 2003, 'Code regarding the protection of personal data' and Article 13 of the GDPR (EU Regulation 2016/679).

Bologna, Emilia-Romagna, Italy , 05/31/2026

Marco Manzetti