

INFORMAZIONI PERSONALI

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POSIZIONE ATTUALMENTE RICOPERTA:

- **Specialista in Chirurgia Ortopedica**
- **Knee and Arthroscopy division Hospital Universitari Quiron Dexeus, ICATME, Barcelona, SPAGNA**
- **Knee Division Hospital del Mar, Barcelona, SPAGNA**
- **Clinica La Fornaca di Sessant, Torino, ITALIA**
- **Professore Associato Università Autonoma di Barcellona**

ISTRUZIONE E FORMAZIONE:

- **22 Maggio 2023:** Dottorato di Ricerca Internazionale presso Università Autonoma di Barcellona con titolo "Current management of rotatory instability of the knee. Objective indications to perform an anterolateral extrarticular tenodesis". Votazione *Maximum Cum Laude e Menzione Internazionale*
- **27.06.2017:** Specializzazione in Ortopedia e Traumatologia presso Università degli Studi di Pavia votazione 110/110 *cum laude*
- **Novembre 2013:** abilitazione socio aggregato Federazione Medico Sportiva Italiana
- **Ottobre 2013:** certificazione BLS/D ITALIAN RESUSCITATION COUNCIL
- **Luglio 2011:** diploma Scuola Internazionale Ecografia Muscoloscheletrica
- **27.07.2011:** Laurea Magistrale in Medicina e Chirurgia presso Università di Pavia votazione (110/110 con lode)
- **Giugno 2005:** Maturità classica Liceo Ginnasio Statale Melchiorre Gioia (votazione 100/100)

ESPERIENZA PROFESSIONALE:

- **Ottobre 2022:** clinical fellowship in sport traumatology presso Clinica Espregueira FIFA Centre of Excellence, Porto (Prof. Espregueira-Mendes)
- **Ottobre-Novembre 2018:** clinical fellowship in knee osteotomy presso Gelenkchirurgie Ortopadie Hannover (Prof. Lobenhoffer)
- **Gennaio 2017- Maggio 2017:** clinical and research fellowship "Sport traumatology and knee surgery" presso Institut Català de Traumatologia y Medicina de l'Esport, Barcellona (Prof. Monllau)
- **Giugno 2016 - Gennaio 2017 :** clinical and research fellowship "Sport Traumatology and Joint Replacement" presso ZOL Hospital Genk (Prof. Johan Bellemans, Prof. Kristoff Corten)
- **Febbraio 2016 - Maggio 2016 :** master in artroscopia di caviglia presso Ospedale G.B. Morgagni, Forlì (Dott. Francesco Lijoi)

- **Agosto 2015 – Maggio 2016** : consulente AC Pavia Calcio LEGAPRO
- **Agosto 2015 – Dicembre 2016**: responsabile staff medico Athletic Pavia Calcio (Juventus F.C. School)
- **Agosto 2014 – Maggio 2016**: responsabile staff medico San Giuseppe Calcio (Inter F.C. School)
- **Agosto 2013 – Maggio 2016**: Responsabile staff medico BAKERY SPORT Lega A2 Volley, Lega A2 Silver Basket
- **Settembre 2012 – Giugno 2013**: Staff medico campionato Berretti AC Pavia Calcio
- **Luglio 2012 – Giugno 2016**: Specializzando Scuola di Specializzazione in Ortopedia e Traumatologia Università di Pavia (Prof. Francesco Benazzo)
- **Settembre 2011 – Maggio 2016**: responsabile staff medico Castellana Volley

ATTIVITA' ACCADEMICA:

- **Giugno 2023- Presente**: Young Professionals Task Force ISAKOS
- **Gennaio 2021-Presente**: membro comitato ACL and Meniscus certification program ESSKA
- **Gennaio 2021-Presente**: membro knee study group di AEA (Asociación Española de Artroscopia)
- **Febbraio 2019 – Presente**: revisore scientifico per *"International Orthopaedic"*
- **Gennaio 2019- Presente**: professore associato Universitat Autònoma de Barcelona
- **Ottobre 2018 – Presente**: membro del comitato Sport SIGASCOT (Società Italiana Ginocchio Artroscopia Sport Cartilagine Tecnologie Ortopediche)
- **Giugno 2018- Presente**: revisore scientifico per *"PLOS ONE"*
- **Maggio 2018 – Presente**: membro del comitato Basic Science di ESSKA
- **Novembre 2017- Presente**: revisore scientifico per *"Orthopaedic Journal of Sport Medicine"*
- **Novembre 2017- Presente**: revisore scientifico per *"Joint"*
- **Dicembre 2016 – Dicembre 2019**: comitato scientifico FORTE (Federation Of Orthopaedic Trainees in Europe)
- **Giugno 2017- Giugno 2018**: comitato e-Learning di EFORT (European Federation of National Association of Orthopaedics and Traumatology)
- **Giugno 2017 – Ottobre 2018**: Board SIGASCOT (Società Italiana Ginocchio Artroscopia Sport Cartilagine Tecnologie Ortopediche), presidente comitato specializzandi
- **Novembre 2015 – Novembre 2017** : segretario generale AISOT (Associazione Italiana Specializzandi in Ortopedia e Traumatologia)
- **Febbraio 2015 – Febbraio 2017** : COMMISSIONE TEACHING e FAD SIOT (Società Italiana Ortopedia e Traumatologia)

COMPETENZE PERSONALI E TECNICHE:

- **Lingua Madre**: Italiano
- **Altre lingue**: Inglese (C1), Spagnolo (C1), Catalano (B1)
- **Competenze informatiche**: buona padronanza degli strumenti Microsoft Office, software di elaborazione di immagini (PACS), motori di ricerca biomedici (PubMed)

AFFILIAZIONE A SOCIETA' SCIENTIFICHE:

- SIAGASCOT
- ESSKA
- ISAKOS
- AEA
- SEROD

AWARDS

1. I Congresso Nazionale AISOT, 12 settembre 2014, Bologna (Italy). **BEST PAPER AWARD:** *"Lussazione acromion claveare nello sportivo: come la rivalutazione biomeccanica indirizza la ricerca di nuovi approcci chirurgici. Dati preliminari relativi a nuova tecnica di stabilizzazione con allograft."*
2. BOTA National Congress, 17 September 2016, Gant (Belgium). **BEST PAPER AWARD:** *"Review of the use of intramedullary pin for clavicle fractures: follow up of ten years"*
3. World Congress of Biomechanics, 8-12 Luglio 2018, Dublin (Ireland). **EUROPE TRAVELLING AWARD :** *"An image-analysis-based method to identify the anterior-posterior knee translation and evaluate the need to apply extraarticular tenodesis"*
4. 7° congresso nazionale AEA-SEROD, 22-24 May 2019, Santander (Spain). **BEST ORAL PRESENTATION AWARD:** *"In vivo analysis of the rotational instability's control through modified Lemaire anterolateral tenodesis"*
5. 8° congresso nazionale AEA-SEROD 22-25 Settembre 2021, Palma de Mallorca (Spagna). **BEST INTERNATIONAL PUBLICATION OF THE YEAR:** *"Evaluating for Tunnel Convergence in ACL Reconstruction With Modified Lemaire Tenodesis: What Is the Best Tunnel Angle to Decrease Risk?"*
6. 9° congresso nazionale AEA-SEROD 1-3 Giugno 2022, Murcia (Spagna) **BEST ORAL PRESENTATION AWARD:** *"Associating an arthroscopic capsulodesis with a transtibial repair of a posteromedial root lesion, can reduce the meniscal extrusion: a randomized multicentric study"*
7. **NATIONAL GRANT IN CADAVERIC INVESTIGATION** presso la Università Francisco Victoria, Madrid (2022)

ARTICOLI SCIENTIFICI

1. "Graft Choice in ACL reconstruction" ICJR.net
2. "Role of MRI in predicting meniscal tear reparability" *Skeletal Radiol. 2017*
3. "Is cortical contact necessary to prevent metacarpal stem subsidence in trapeziometacarpal arthroplasty?" *J Hand Surg Eur 2017*
4. "Radiographic evaluation of Persona Knee System" *International Orthopaedic 2018*
5. "Fresh osteochondral patellar allograft resurfacing" *Arthroscopy Technique 2018*
6. "Arthroscopic management of anterior inferior iliac spine impingement: a systematic review." *Muscle Ligament and Tendon Journal 2018*
7. "Treatment of the medial collateral ligament injuries". *Annals of Joint 2018*
8. "Computed tomography evaluation of total knee arthroplasty implants position after two different surgical methods of implantation" *International Orthopaedic 2019*

9. "Biplane opening wedge high tibial osteotomy with a distal tuberosity osteotomy, radiological and clinical analysis with minimum follow-up of 2 years." *Journal of Experimental Orthopaedic* 2019
10. "Age over 50 years is not a contraindication for anterior cruciate ligament reconstruction." *KSSTA* 2019
11. "Extrusion in meniscal allograft transplantation. Is the lateral capsular fixation the solution?" *Rev Esp Artrosco Cir Articul* 2019
12. "Arthroscopic-Guided Balloon Tibioplasty in Schatzker III Tibial Plateau Fracture" *Joint* 2019
13. "Evaluating for Tunnel Convergence in ACL Reconstruction With Modified Lemaire Tenodesis: What Is the Best Tunnel Angle to Decrease Risk?" *Arthroscopy* 2019
14. "Internal Fixation of Osteochondritis Dissecans of the Knee Leads to Good Long-Term Outcomes and High Degree of Healing without Differences between Fixation Devices" *J Clin Med* 2019
15. "Selective bundle reconstruction in partial ACL tears leads to excellent long-term functional outcomes and a low percentage of failures" *The Knee* 2019
16. "Role of Alignment and Osteotomy in Meniscal Injuries" *Clin Sports Med* 2020
17. Patellar tendon lengthening: rescue procedure for patella baja" *Arthrosc Tech* 2020
18. "Cirugía de revision del ligamento cruzado anterior. ¿Uno o dos tiempos?" *Rev Esp Artrosco Cir Articul* 2020
19. "Central trans patellar tendon portal is safe when used for anterior cruciate ligament reconstruction" *J Knee Surg* 2020
20. "Open-source Android application to measure the anterior-posterior knee translation" *Appl Sci* 2020
21. "The morphology of the tibial footprint of the anterior cruciate ligament changes with ageing from oval/elliptical to C-shaped" *KSSTA* 2020
22. "Isolated reconstruction of medial patellofemoral ligament with an elastic femoral fixation leads to excellent clinical results" *KSSTA* 2020
23. "The Menisco-Tibio-Popliteus-Fibular Complex: Anatomic Description of the Structures That Could Avoid Lateral Meniscal Extrusion" *Arthroscopy* 2020
24. "Suprascapular Neuropathy around the Shoulder: A Current Concept Review" *J Clin Med* 2020
25. "The vancomycin soaking technique: no differences in autograft re-rupture rate. A comparative study" *Int Orthopaedic* 2020
26. "Fellows and Observers Are Not a Problem for Infection in the Operating Rooms of Teaching Centers" *Trop Med Infect Dis* 2021
27. "Effect of Modified Lemaire Anterolateral Extra-articular Tenodesis on the Magnetic Resonance Imaging Maturity Signal of Anterior Cruciate Ligament Hamstring Graft" *Am J Sport Med* 2021
28. "MRI evaluation of the peripheral attachments of the lateral meniscal body: the menisco-tibio-popliteus-fibular complex" *Knee Surg Sport Traumatol Arthrosc* 2021
29. "Proximal Tibiofibular Dislocation in Closing-Wedge High Tibial Osteotomy Increases the Risk of Medium and Long-Term Total Knee Replacement" *J Clin Med* 2021
30. "Fixed-bearing unicompartmental knee arthroplasty provides a lower failure rate than mobile-bearing unicompartmental knee arthroplasty when used after a failed high tibial osteotomy: a systematic review and meta-analysis" *Knee Surg Sport Traumatol Arthrosc* 2021

31. "Lateral extraarticular tenodesis improves stability in non-anatomical ACL reconstructed knees: in vivo kinematic analysis" *Knee Surg Sport Traumatol Arthrosc* 2022
32. "Minimizing the risk of graft failure after anterior cruciate ligament reconstruction in athletes. A narrative review of the current evidence." *J Exp Orthop* 2022
33. "The morphology of the femoral footprint of the anterior cruciate ligament changes with aging from a large semicircular shape to a small flat ribbon-like shape" *Knee Surg Sport Traumatol Arthrosc* 2022
34. "Fast Functional Rehabilitation Protocol versus Plaster Cast Immobilization Protocol after Achilles Tendon Tenorrhaphy: Is It Different? Clinical, Ultrasonographic, and Elastographic Comparison" *Diagnostics* (2022)
35. "Mid-term clinical and radiological outcomes of lateral meniscal allograft transplantation with suture-only fixation plus capsulodesis" *J Knee Surg* (2022)
36. "Combined Anterior Cruciate Ligament Reconstruction and Modified Lemaire Lateral Extra-articular Tenodesis Better Restores Knee Stability and Reduces Failure Rates Than Isolated Anterior Cruciate Ligament Reconstruction in Skeletally Immature Patients" *Am J Sport Med* (2022)
37. "Isolated lateral extra-articular tenodesis in ACL-deficient knees: in vivo knee kinematics and clinical outcomes" *KSSTA* (2023)
38. "Anterior cruciate ligament failure and management" *EFFORT Open Review* (2023)
39. "Systematic lateral retinacular release does not reduce anterior knee pain after total knee arthroplasty with patellar resurfacing" *KSSTA* (2023)
40. "Arthroscopically Assisted Suprapatellar Tibial Nail Removal" *Arthroscopy Technique* (2023)
41. "Clinical Outcomes After Polyurethane Meniscal Scaffolds Implantation Remain Stable Despite a Joint Space Narrowing at 10-Year Follow-up" *Arthroscopy* (2023)