

PERSONAL INFORMATION

Name: Simone Perelli

Date of birth: 09.05.1986

E-mail: info@simoneperelli.com

ORCID: 0000-0003-0010-024X



POSITION CURRENTLY HELD:

- **Orthopaedic Surgeon, Knee and Arthroscopy division Institut Català de Traumatologia i Medicina de l'Esport (ICATME), Hospital Universitari Quirón Dexeus, Barcelona, SPAIN**
- **Orthopaedic Surgeon, Knee Unit, Hospital del Mar, Barcelona, SPAIN**

EDUCATION AND TRAINING:

- **11.2017- 03.2023:** PhD program at Universidad Autónoma de Barcelona. **Title of the doctoral thesis:** *"Current Management Of Rotatory Instability Of The Knee. Objective Indications To Perform An Anterolateral Extrarticular Tenodesis"*.
- **September-November 2022:** observational fellowship in *"Sport Traumatology"* at Clinica Espregueira – FIFA Medical Centre of Excellence, Porto (Prof. Espregueira-Mendes)
- **October-November 2018:** observational fellowship in *"Knee Osteotomy"* at Gelenkchirurgie Ortopadie Hannover (Prof. Lobenhoffer)
- **January 2017- June 2018:** clinical and research fellowship in *"Arthroscopy and Knee Surgery"* at Institut Català de Traumatologia y Medicina de l'Esport, Barcelona (Prof. Monllau)
- **May 2016 – January 2017:** clinical and research fellowship in *"Sport Traumatology and Joint Replacement"* at ZOL Hospital Genk (Prof. Johan Bellemans, Prof. Kristoff Corten)
- **03.07.2012 - 27.06.2017:** Master's Degree in Orthopaedic and Traumatology, University of Pavia (110/110 cum laude)
- **November 2013:** exam approved for Italian Federation of Sport Medicine Physiscian
- **October 2013:** exam approved for BLS D ITALIAN RESUSCITATION COUNCIL
- **June 2010 - July 2011:** diploma at International School of Musculoskeletal Ultrasound
- **12.09.2005 - 27.07.2011:** Master's Degree in Medicine and Surgery, University of Pavia (110/110 cum laude)
- **June 2005:** High School Diploma from Liceo Classico Melchiorre Gioia (100/100)

ACADEMIC ACTIVITY:

- **March 2022- March 2025:** member of “Pediatric Thraumatology” of SIAGASCOT (Italian Society of Knee, Arthroscopy, Sport, Cartilage and Orthopaedic Technologies)
- **January 2019 – January 2024:** Adjunct Professor, Universidad Autonoma de Barcelona
- **October 2018 – March 2022:** member of “Sport Committee” of SIAGASCOT (Italian Society of Knee, Arthroscopy, Sport, Cartilage and Orthopaedic Technologies)
- **May 2018-May 2020:** member of “Basic Science Committee” of ESSKA
- **June 2017 – June 2018:** “e-Learning Committee” EFORT (European Federation of National Association of Orthopaedics and Traumatology)
- **December 2016 – June 2019:** Membership Committee and Scientific Committee of FORTE (Federation Of Orthopaedic Trainees in Europe)
- **November 2015 – November 2017 :** general secretary of AISOT (Italian Association of Trainees in Orthopaedics and Traumatology)
- **February 2015 – November 2017:** “Teaching and FAD Committee” SIOT (Italian Society Othopaedics and Traumatology)

PERSONAL SKILLS AND COMPETENCES:

- **Mother Tongue:** Italian
- **Other Languages:** Spanish (C1), English (B2), Català (B1)
- **Computer skills:** Good knowledge of Office package, Digital Image Processing Software (PACS), biomedical search engine (PubMed)

SCIENTIFIC SOCIETIES MEMBERSHIPS

- SIAGASCOT
- ESSKA
- ISAKOS
- AEA
- SECOT

AWARDS AND GRANT

- 1st National Congress AISOT, 12 September 2014, Bologna (Italy). **BEST PAPER AWARD:** *“Acromion-clavicular dislocation in athlets: how the biomechanic drive the new surgical approaches. Preliminar data of a new stabilization technique using allograft”*
- 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”*
- World Congress of Biomechanics, 8-12 July 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”*
- 7th AEA-SEROD national congress, 22-24 May 2019, Santander (Spain). **BEST ORAL PRESENTATION AWARD:** *“In vivo analysis of the rotational instability's control through modified Lemaire anterolateral tenodesis”*

- 8th AEA-SEROD national congress, 22-25 September 2021, Palma de Mallorca (Spain). **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?”
- 9th AEA-SEROD national congress, 1-3 June 2022, Murcia (Spain) **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”
- **NATIONAL GRANT IN CADAVERIC INVESTIGATION** at the Universidad Francisco Victoria (Madrid, Spain) by the Spanish Society of Arthroscopy (awarded during the 9th AEA-SEROD national congress, 1-3 June 2022, Murcia)
- SIAGASCOT National Congress 13-15 April 2023, Milano (Italy) **LAMBERTO PERUGIA AWARD - BEST RESEARCH IN ARTHROSCOPY 2023** “Associating an arthroscopic capsulodesis with a transtibial repair of a posteromedial root lesion, can reduce the meniscal extrusion: a randomized multicentric study” (Nicola Pizza, Mario Formagnana, Sergio Ronco, Stefano Zaffagnini, Raul Torres-Claramunt, Joan Carles Monllau, Simone Perelli)
- **JEO Best Paper Award 2022-2023** (awarded in the 21st ESSKA Congress, 8-10 mayo 2024, Milan, Italy)

PUBLICATIONS:

INDEXED

1. Felisaz PF, Alessandrino F, **Perelli S**, Zanon G, Benazzo F, Calliada F, Sammarchi L. Role of MRI in predicting meniscal tear reparability. *Skeletal Radiol.* 2017 Oct;46(10):1343-1351. doi: 10.1007/s00256-017-2700-z. Epub 2017 Jun 20. PMID: 28634621.
2. Duerinckx J, **Perelli S**, Caekbeke P. Short report letter: Cortical contact is unnecessary to prevent stem subsidence in cementless trapeziometacarpal arthroplasty. *J Hand Surg Eur Vol.* 2018 Jan;43(1):98-99. doi: 10.1177/1753193417733377. Epub 2017 Sep 24. PMID: 28945156.
3. Gelber PE, **Perelli S**, Ibañez M, Ramírez-Bermejo E, Fariñas O, Monllau JC, Sanchis-Alfonso V. Fresh Osteochondral Patellar Allograft Resurfacing. *Arthrosc Tech.* 2018 May 14;7(6):e617-e622. doi: 10.1016/j.eats.2018.04.001. PMID: 30013903; PMCID: PMC6020115.
4. Benazzo F, Ghiara M, Rossi SMP, Pruner E, Tiwari V, **Perelli S**. Clinical and radiological analysis of a personalized total knee arthroplasty system design. *Int Orthop.* 2019 May;43(5):1113-1121. doi: 10.1007/s00264-018-4095-4. Epub 2018 Aug 21. PMID: 30128671.
5. Benazzo F, Rossi SMP, Danesino G, Klersy C, **Perelli S**, Ghiara M. Computed tomography evaluation of total knee arthroplasty implants position after two different surgical methods of implantation. *Int Orthop.* 2019 Jan;43(1):139-149. doi: 10.1007/s00264-018-4180-8. Epub 2018 Oct 2. PMID: 30280217.
6. Erquicia J, Gelber PE, **Perelli S**, Ibañez F, Ibañez M, Pelfort X, Monllau JC. Biplane opening wedge high tibial osteotomy with a distal tuberosity osteotomy, radiological and clinical analysis with minimum follow-up of 2 years. *J Exp Orthop.* 2019 Feb 28;6(1):10. doi: 10.1186/s40634-019-0176-6. PMID: 30820763; PMCID: PMC6395462.
7. Costa GG, Grassi A, **Perelli S**, Agrò G, Bozzi F, Lo Presti M, Zaffagnini S. Age over 50 years is not a contraindication for anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc.* 2019 Nov;27(11):3679-3691. doi: 10.1007/s00167-019-05450-1. Epub 2019 Apr 3. PMID: 30944945.
8. **Perelli S**, Ibañez F, Gelber PE, Erquicia JI, Pelfort X, Monllau JC. Selective bundle reconstruction in partial ACL tears leads to excellent long-term functional outcomes and a low percentage of failures. *Knee.* 2019 Dec;26(6):1262-1270. doi: 10.1016/j.knee.2019.09.001. Epub 2019 Oct 15. PMID: 31628076.
9. **Perelli S**, Molina Romoli AR, Costa-Paz M, Erquicia JI, Gelber PE, Monllau JC. 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 Nov 10;8(11):1934. doi: 10.3390/jcm8111934. PMID: 31717628; PMCID: PMC6912813.
10. Gelber PE, Barenus B, **Perelli S**. Role of Alignment and Osteotomy in Meniscal Injuries. *Clin Sports Med.* 2020 Jan;39(1):211-221. doi: 10.1016/j.csm.2019.08.006. PMID: 31767107.
11. **Perelli S**, Erquicia JI, Ibañez M, Daesino G, Gelber PE, Pelfort X, Monllau JC. Evaluating for Tunnel Convergence in Anterior Cruciate Ligament Reconstruction With Modified Lemaire Tenodesis: What Is the Best Tunnel Angle to Decrease Risk? *Arthroscopy.* 2020 Mar;36(3):776-784. doi: 10.1016/j.arthro.2019.08.042. Epub 2019 Dec 18. PMID: 31864816.
12. Cuzzocrea F, Jannelli E, Ivone A, **Perelli S**, Fioruzzi A, Ghiara M, Zanon G, Benazzo F. Arthroscopic-Guided Balloon Tibioplasty in Schatzker III Tibial Plateau Fracture. *Joints.* 2019 Oct 11;6(4):220-227. doi: 10.1055/s-0039-1697607. PMID: 31879718; PMCID: PMC6930121.

13. **Perelli S**, Ibañez M, Morales-Marin C, Acuña-Avila G, Espinoza-von Bischhoffshausen R, Masferrer-Pino A, Monllau JC. Patellar Tendon Lengthening: Rescue Procedure for Patella Baja. *Arthrosc Tech*. 2019 Dec 2;9(1):e1-e8. doi: 10.1016/j.eats.2019.08.012. PMID: 32021766; PMCID: PMC6993128.
14. Masferrer-Pino A, Saenz-Navarro I, Rojas G, **Perelli S**, Erquicia J, Gelber PE, Monllau JC. The Menisco-Tibio-Popliteus-Fibular Complex: Anatomic Description of the Structures That Could Avoid Lateral Meniscal Extrusion. *Arthroscopy*. 2020 Jul;36(7):1917-1925. doi: 10.1016/j.arthro.2020.03.010. Epub 2020 Mar 19. PMID: 32200063.
15. Marot V, Sanchis-Alfonso V, **Perelli S**, Gelber PE, Sánchez Rábago CJ, Ginovart G, Monllau JC. Isolated reconstruction of medial patellofemoral ligament with an elastic femoral fixation leads to excellent clinical results. *Knee Surg Sports Traumatol Arthrosc*. 2021 Mar;29(3):800-805. doi: 10.1007/s00167-020-06016-2. Epub 2020 May 1. PMID: 32358632.
16. Morales-Avalos R, Castillo-Escobedo TA, Elizondo-Omaña RE, Del Carmen Theriot-Giron M, **Perelli S**, Guzmán-López S, Peña-Martínez VM, Vilchez-Cavazos F, Monllau JC. The morphology of the tibial footprint of the anterior cruciate ligament changes with ageing from oval/elliptical to C-shaped. *Knee Surg Sports Traumatol Arthrosc*. 2021 Mar;29(3):922-930. doi: 10.1007/s00167-020-06049-7. Epub 2020 May 8. PMID: 32385559.
17. Bozzi F, Alabau-Rodriguez S, Barrera-Ochoa S, Ateschrang A, Schreiner AJ, Monllau JC, **Perelli S**. Suprascapular Neuropathy around the Shoulder: A Current Concept Review. *J Clin Med*. 2020 Jul 22;9(8):2331. doi: 10.3390/jcm9082331. PMID: 32707860; PMCID: PMC7465639.
18. **Perelli S**, Erquicia JI, Morales Marin C, Bracamonte Salgado WT, Masferrer-Pino A, Perez-Prieto D, Monllau JC. Central Transpatellar Tendon Portal Is Safe When Used for Anterior Cruciate Ligament Reconstruction. *J Knee Surg*. 2022 Apr;35(5):566-573. doi: 10.1055/s-0040-1716380. Epub 2020 Sep 8. PMID: 32898905.
19. Pérez-Prieto D, **Perelli S**, Corcoll F, Rojas G, Montiel V, Monllau JC. The vancomycin soaking technique: no differences in autograft re-rupture rate. A comparative study. *Int Orthop*. 2021 Jun;45(6):1407-1411. doi: 10.1007/s00264-020-04805-5. Epub 2020 Sep 17. PMID: 32944802.
20. Montiel V, Pérez-Prieto D, **Perelli S**, Monllau JC. Fellows and Observers Are Not a Problem for Infection in the Operating Rooms of Teaching Centers. *Trop Med Infect Dis*. 2021 Mar 31;6(2):43. doi: 10.3390/tropicalmed6020043. PMID: 33807317; PMCID: PMC8103268.
21. Rojas G, **Perelli S**, Ibanez M, Formagnana M, Ormazabal I, Monllau JC. Effect of Modified Lemaire Anterolateral Extra-articular Tenodesis on the Magnetic Resonance Imaging Maturity Signal of Anterior Cruciate Ligament Hamstring Graft. *Am J Sports Med*. 2021 Jul;49(9):2379-2386. doi: 10.1177/03635465211018858. Epub 2021 Jun 16. PMID: 34133234.
22. Morales-Avalos R, Masferrer-Pino A, Ruiz-Chapa E, Padilla-Medina JR, Vilchez-Cavazos F, Peña-Martínez V, Elizondo-Omaña R, **Perelli S**, Guzmán-López S, García-Quintanilla JF, Monllau JC. MRI evaluation of the peripheral attachments of the lateral meniscal body: the menisco-tibio-popliteus-fibular complex. *Knee Surg Sports Traumatol Arthrosc*. 2022 Apr;30(4):1461-1470. doi: 10.1007/s00167-021-06633-5. Epub 2021 Jun 17. PMID: 34142172.
23. Sánchez-Soler J, Coelho A, Torres-Claramunt R, Gasol B, Fontanellas A, **Perelli S**, Hinarejos P, Monllau JC. Proximal Tibiofibular Dislocation in Closing-Wedge High Tibial Osteotomy Increases the Risk of Medium and Long-Term Total Knee Replacement. *J Clin Med*. 2021 Jun 22;10(13):2743. doi: 10.3390/jcm10132743. PMID: 34206331; PMCID: PMC8267674.
24. Morales-Avalos R, **Perelli S**, Raygoza-Cortez K, Padilla-Medina JR, Peña-Martínez VM, Guzmán-López S, Zavala JMD, Barrera FJ, Vilchez-Cavazos F, Monllau JC. 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 Sports Traumatol Arthrosc*. 2022 Sep;30(9):3228-3235. doi: 10.1007/s00167-021-06707-4. Epub 2021 Aug 20. PMID: 34415370.
25. **Perelli S**, Morales-Avalos R, Formagnana M, Rojas-Castillo G, Serrancolí G, Monllau JC. Lateral extraarticular tenodesis improves stability in non-anatomic ACL reconstructed knees: in vivo kinematic analysis. *Knee Surg Sports Traumatol Arthrosc*. 2022 Jun;30(6):1958-1966. doi: 10.1007/s00167-021-06854-8. Epub 2022 Jan 29. PMID: 35091787.
26. Costa GG, **Perelli S**, Grassi A, Russo A, Zaffagnini S, Monllau JC. Minimizing the risk of graft failure after anterior cruciate ligament reconstruction in athletes. A narrative review of the current evidence. *J Exp Orthop*. 2022 Mar 15;9(1):26. doi: 10.1186/s40634-022-00461-3. PMID: 35292870; PMCID: PMC8924335.
27. Morales-Avalos R, **Perelli S**, Vilchez-Cavazos F, Castillo-Escobedo T, Peña-Martínez VM, Elizondo-Omaña R, Guzmán-López S, Padilla-Medina JR, Monllau JC. 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 Sports Traumatol Arthrosc*. 2022 Oct;30(10):3402-3413. doi: 10.1007/s00167-022-06935-2. Epub 2022 Mar 22. PMID: 35318508; PMCID: PMC9464138.
28. **Perelli S**, Morales Avalos R, Masferrer-Pino A, Monllau JC. Anatomy of lateral meniscus. *Ann Jt*. 2022 Apr 15;7:16. doi: 10.21037/aoj-20-118. PMID: 38529162; PMCID: PMC10929306.

29. Torres-Claramunt R, Morales-Avalos R, **Perelli S**, Padilla-Medina JR, Monllau JC. Good clinical outcomes can be expected after meniscal allograft transplantation at 15 years of follow-up. *Knee Surg Sports Traumatol Arthrosc.* 2023 Jan;31(1):272-278. doi: 10.1007/s00167-022-07106-z. Epub 2022 Aug 16. PMID: 35972520.
30. Mosconi M, Pasta G, Annunziata S, Guerrieri V, Ghiara M, **Perelli S**, Torriani C, Grassi FA, Jannelli E. Fast Functional Rehabilitation Protocol versus Plaster Cast Immobilization Protocol after Achilles Tendon Tenorrhaphy: Is It Different? Clinical, Ultrasonographic, and Elastographic Comparison. *Diagnostics (Basel).* 2022 Jul 29;12(8):1824. doi: 10.3390/diagnostics12081824. PMID: 36010175; PMCID: PMC9406849.
31. Morales-Avalos R, Masferrer-Pino Á, Padilla-Medina JR, Amestoy-Ramos J, Ibáñez M, **Perelli S**, Ariztegui-Andrade C, Espregueira-Mendes J, Monllau JC. Mid-Term Clinical and Radiological Outcomes of Lateral Meniscal Allograft Transplantation with Suture-Only Fixation Plus Capsulodesis. *J Knee Surg.* 2024 Jan;37(1):26-36. doi: 10.1055/a-1946-7079. Epub 2022 Sep 19. PMID: 36122692.
32. **Perelli S**, Costa GG, Terron VM, Formagnana M, Bait C, Espregueira-Mendes J, Monllau JC. 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 Sports Med.* 2022 Dec;50(14):3778-3785. doi: 10.1177/03635465221128926. Epub 2022 Nov 8. PMID: 36345894.
33. **Perelli S**, Gelber PE, Morales-Avalos R, Ronco S, Torres-Claramunt R, Espregueira-Mendes J, Monllau JC. Isolated lateral extra-articular tenodesis in ACL-deficient knees: in vivo knee kinematics and clinical outcomes. *Knee Surg Sports Traumatol Arthrosc.* 2023 Aug;31(8):3212-3220. doi: 10.1007/s00167-023-07344-9. Epub 2023 Feb 22. PMID: 36810948.
34. Monllau JC, **Perelli S**, Costa GG. Anterior cruciate ligament failure and management. *EFORT Open Rev.* 2023 May 9;8(5):231-244. doi: 10.1530/EOR-23-0037. PMID: 37158400; PMCID: PMC10233803.
35. Goicoechea N, Hinarejos P, Gasol B, Torres-Claramunt R, Sánchez-Soler J, **Perelli S**, Monllau JC. Systematic lateral retinacular release does not reduce anterior knee pain after total knee arthroplasty with patellar resurfacing. *Knee Surg Sports Traumatol Arthrosc.* 2023 Oct;31(10):4213-4219. doi: 10.1007/s00167-023-07456-2. Epub 2023 Jun 3. PMID: 37270463.
36. Coelho A, Sánchez-Soler JF, Fernández-Dominguez JM, Amorim-Barbosa T, Torres-Claramunt R, **Perelli S**, Monllau JC. Arthroscopically Assisted Suprapatellar Tibial Nail Removal. *Arthrosc Tech.* 2023 Jul 10;12(8):e1329-e1333. doi: 10.1016/j.eats.2023.03.026. PMID: 37654875; PMCID: PMC10466188.
37. Torres-Claramunt R, Alós-Mairal J, Ibáñez M, **Perelli S**, Gelber P, Monllau JC. Clinical Outcomes After Polyurethane Meniscal Scaffolds Implantation Remain Stable Despite a Joint Space Narrowing at 10-Year Follow-Up. *Arthroscopy.* 2024 Apr;40(4):1256-1261. doi: 10.1016/j.arthro.2023.08.081. Epub 2023 Sep 15. PMID: 37716635.
38. **Perelli S**, Costa GG, Russo A, Hinarejos P, Torres-Claramunt R, Sanchez-Soler J, Morales-Avalos R, Monllau JC. The distal tibiofibular syndesmosis is a reliable landmark for 3° varus tibial resection in total knee arthroplasty: a radiological evaluation on 1296 cases. *Arch Orthop Trauma Surg.* 2024 Feb;144(2):879-885. doi: 10.1007/s00402-023-05099-z. Epub 2023 Oct 21. PMID: 37864591.
39. Morales-Avalos R, Diabb-Zavala JM, Mohamed-Noriega N, Vilchez-Cavazos F, **Perelli S**, Padilla-Medina JR, Torres-Gaytán AG, Huesca-Pérez HA, Erosa-Villarreal RA, Monllau JC. Effect of Injury to the Lateral Meniscotibial Ligament and Menisocofibular Ligament on Meniscal Extrusion: Biomechanical Evaluation of the Capsulodesis and Centralization Techniques in a Porcine Knee Model. *Orthop J Sports Med.* 2023 Nov 23;11(11):23259671231212856. doi: 10.1177/23259671231212856. PMID: 38021298; PMCID: PMC10668570.
40. Familiari F, Chahla J, Compagnoni R, DePhillipo NN, Moatshe G, LaPrade RF; **Meniscus International Network (MenIN) Study Group**. Meniscal extrusion consensus statement: A collaborative survey within the Meniscus International Network (MenIN) Study Group. *Knee Surg Sports Traumatol Arthrosc.* 2024 Jun;32(6):1446-1454. doi: 10.1002/ksa.12183. Epub 2024 Apr 12. PMID: 38606565.
41. Morales Avalos JE, Morales-Avalos R, Martínez-Guajardo KV, Pacheco-García LM, **Perelli S**, Monllau JC, Sánchez Egea AJ, Serrancoli G. How effective is proximal fibular osteotomy in redistributing joint pressures? Insights from an HTO comparative in-silico study. *J Orthop Surg Res.* 2024 Jun 4;19(1):333. doi: 10.1186/s13018-024-04807-8. PMID: 38835085; PMCID: PMC11149277.
42. Pizza N, Urda LL, Sanchez FS, Ibañez M, Zaffagnini S, **Perelli S**, Monllau JC. How to repair medial meniscal ramp lesions: A systematic review of surgical techniques. *J Exp Orthop.* 2024 Jun 17;11(3):e12037. doi: 10.1002/jeo2.12037. PMID: 38887657; PMCID: PMC11180972.
43. Morales-Avalos JE, Morales-Avalos R, Martínez-Guajardo KV, **Perelli S**, Monllau JC, Sánchez Egea AJ, Serrancoli G. In-silico study of the biomechanical effects of proximal-fibular osteotomy on knee joint contact pressure in varus-valgus misalignment. *Med Eng Phys.* 2024 Jul;129:104185. doi: 10.1016/j.medengphy.2024.104185. Epub 2024 May 22. PMID: 38906579.
44. Fontanellas-Fes A, Hinarejos P, Pérez-Prieto D, Martínez-Lozano J, Sánchez-Soler J, Torres-Claramunt R, **Perelli S**, Monllau JC. Comparable bone penetration between antibiotic-loaded and plain bone cement in total knee arthroplasty. *Knee Surg Sports Traumatol Arthrosc.* 2024 Jul 21. doi: 10.1002/ksa.12379. Epub ahead of print. PMID: 39033346.

45. Martorell-de Fortuny L, Torres-Claramunt R, Sánchez-Soler JF, **Perelli S**, Hinarejos P, Monllau JC. Patellar bone defect grafting does not reduce anterior knee pain after bone-patellar tendon-bone anterior cruciate ligament reconstruction. *Knee Surg Sports Traumatol Arthrosc.* 2024 Aug 28. doi: 10.1002/ksa.12449. Epub ahead of print. PMID: 39194385.
46. **Perelli S**, Pizza N, Gulmini M, Ibañez M, Morales Avalos R, Torres-Claramunt R, Monllau JC. Medial Meniscus Posterior Root Transtibial Pullout Repair With Progressively Tensioning Subcortical Fixation Button. *Arthrosc Tech.* 2024 May 18;13(8):103027. doi: 10.1016/j.eats.2024.103027. PMID: 39233796; PMCID: PMC11369947.
47. Pacheco-Garcia LM, Martín-Domínguez LA, **Perelli S**, Monllau JC, Simón-Sánchez FJ, Gutiérrez-de la O J, Messa LAM, Espregueira-Mendes J, Martínez-Guajardo KV, Morales-Avalos R. Combination of the medial patellofemoral ligament reconstruction with the quasi-anatomic technique, tibial tuberosity osteotomy, lateral retinaculum release and mosaicplasty produces satisfactory results for patients with patello-femoral instability. 2-Year follow-up. *Knee.* 2024 Sep 4;51:44-57. doi: 10.1016/j.knee.2024.08.011. Epub ahead of print. PMID: 39236637.
48. Simon-Sanchez FJ, Perelli S, Pizza N, et al. Short and proximalized interference screw fixation leads to tibial tunnel bone re-growth and better hamstring graft integration in ACL reconstruction. *Knee Surg Sports Traumatol Arthrosc.* Published online December 12, 2024. doi:10.1002/ksa.12551
49. Perelli S, Conte P, Pizza N, et al. Meniscal extrusion: Proposal for a novel qualitative classification. *J Exp Orthop.* 2024;12(1):e70126. Published 2024 Dec 31. doi:10.1002/jeo2.70126
50. Conte P, Anzillotti G, Pizza N, et al. Radiological assessment of lower limb torsional deformities: a narrative review. *Ann Jt.* 2025;10:7. Published 2025 Jan 21. doi:10.21037/aoj-24-42
51. de Fortuny LM, Santoli A, Giovanoulis V, et al. How do surgically treated multiligamentous knee injuries affect overall complication rate and especially stiffness? A systematic review. *Knee Surg Relat Res.* 2025;37(1):18. Published 2025 May 1. doi:10.1186/s43019-025-00270-9
52. Pizza N, Conte P, Concha M, et al. Good results with low failure rate and high patients' satisfaction after selective bundle anterior cruciate ligament (ACL) reconstruction for partial tears at average 14-years follow-up. *Knee.* Published online May 9, 2025. doi:10.1016/j.knee.2025.04.015
53. Pujol N, Giordano AO, Wong SE, et al. The formal EU-US meniscus rehabilitation 2024 consensus: An ESSKA-AOSSM-AASPT initiative. Part I-Rehabilitation management after meniscus surgery (meniscectomy, repair and reconstruction). *Knee Surg Sports Traumatol Arthrosc.* Published online May 12, 2025. doi:10.1002/ksa.12674
54. Pujol N, Giordano AO, Wong SE, et al. The Formal EU-US Meniscus Rehabilitation 2024 Consensus: An ESSKA-AOSSM-AASPT Initiative: Part I-Rehabilitation Management After Meniscus Surgery (Meniscectomy, Repair and Reconstruction). *Orthop J Sports Med.* 2025;13(5):23259671251343088. Published 2025 May 22. doi:10.1177/23259671251343088
55. Martinez-Lozano J, Martorell-de Fortuny L, Martín-Domínguez LA, et al. Patellofemoral arthroplasty provides similar long-term survival rate and complications with better clinical outcomes compared to facetectomy for the treatment of isolated patellofemoral osteoarthritis. *J Exp Orthop.* 2025;12(1):e70136. Published 2025 Jan 10. doi:10.1002/jeo2.70136

NOT INDEXED

1. "Graft Choice in ACL reconstruction" *ICJR.net* 2017
2. "Arthroscopic management of anterior inferior iliac spine impingement: a systematic review." *Muscle Ligament and Tendon Journal* 2018
3. "Treatment of the medial collateral ligament injuries". *Annals of Joint* 2018
4. "Extrusion in meniscal allograft transplantation. Is the lateral capsular fixation the solution?" *Rev Esp Artrosc Cir Articul* 2019
5. "Cirugía de revision del ligamento cruzado anterior. ¿Uno o dos tiempos?" *Rev Esp Artrosc Cir Articul* 2020
6. "Current management of posterior cruciate ligament rupture. A narrative review" *Rev Esp Artrosc Cir Articul* 2021

BOOK CHAPTER:

1. Morales-Avalos, J.E., Morales-Avalos, R., **Perelli S.**, Monllau, J.C., Egea, A.J.S., Masferrer, G.S. (2024). Proximal Fibular Osteotomy Versus High Tibial Osteotomy: An In-silico Finite Element Study. In: Marques, J.L.B., Rodrigues, C.R., Suzuki, D.O.H., Marino Neto, J., García Ojeda, R. (eds) IX Latin American Congress on Biomedical Engineering and XXVIII Brazilian Congress on Biomedical Engineering. CLAIB CBEB 2022 2022. IFMBE Proceedings, vol 100. Springer, Cham. https://doi.org/10.1007/978-3-031-49407-9_3
ISBN 978-3-031-49406-2
2. Serrancolí, G., Torner, J., **Perelli S.**, Monllau, J.C. (2023). On the Use of Mesh-Based Joint Contact Models Within Simulations Using Automatic Differentiation. In: Tavares, J.M.R.S., Bourauel, C., Geris, L., Vander Slot, J. (eds) Computer Methods, Imaging and Visualization in Biomechanics and Biomedical Engineering II. CMBBE 2021. Lecture Notes in Computational Vision and Biomechanics, vol 38. Springer, Cham. https://doi.org/10.1007/978-3-031-10015-4_21
ISBN 978-3-031-10014-7
3. **Perelli S.**, Terrón, V.M., Monllau, J.C. (2023). Meniscal Injuries of the Knee. In: Longo, U.G., Denaro, V. (eds) Textbook of Musculoskeletal Disorders. Springer, Cham. https://doi.org/10.1007/978-3-031-20987-1_51
ISBN 978-3-031-20986-4
4. Gelber, P.E., **Perelli S.** (2023). Patellofemoral Pathology. In: Longo, U.G., Denaro, V. (eds) Textbook of Musculoskeletal Disorders. Springer, Cham. https://doi.org/10.1007/978-3-031-20987-1_54
ISBN: 978-3-031-20986-4
5. **Perelli S.**, Melo-Mesa, L.A., Costa, G.G., Morales-Avalos, R., Monllau, J.C. (2023). Meniscus Degenerative. In: Espregueira-Mendes, J., Karlsson, J., Musahl, V., Ayeni, O.R. (eds) Orthopaedic Sports Medicine. Springer, Cham. https://doi.org/10.1007/978-3-030-65430-6_40-1
ISBN: 978-3-030-65430-6
6. **Perelli S.**, Coelho, A., Morales-Avalos, R., Monllau, J.C. (2023). Condylar and Supracondylar Fracture. In: Espregueira-Mendes, J., Karlsson, J., Musahl, V., Ayeni, O.R. (eds) Orthopaedic Sports Medicine. Springer, Cham. https://doi.org/10.1007/978-3-030-65430-6_35-1
ISBN: 978-3-030-65430-6

