

José Manuel Rojo Manaute

MD, PhD, FEBOT, EDHS/FESSH
European Board Certified Orthopaedic Surgeon
European Board-Certified Hand Surgeon
Specialist in Sports Medicine
Specialist in Family Practice

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CURRICULUM VITAE

Nationalities Canadian & Spanish
Languages Spanish (Native)
 English (Native)
 French (Fluent)



1 QUALIFICATIONS/ EDUCATION

Degree	Dates	Institution and location
•FEBOT Diploma: European Board Diploma in Orthopaedic Surgery.	07/10/2012	European Board of Orthopaedics and Traumatology (EBOT) & European Union of Medical Specialists (UEMS). ZA La Pièce 2. 1180 Rolle. Switzerland. Tel: +41213434400.
•EDHS Diploma: European Board Diploma in Hand Surgery.	19/06/2012	Federation of European Societies for Surgery of the Hand (FESSH) & UEMS. Szent István krt. 7. H-1055 Budapest, Hungary. Tel: +3613501854. Fax: +3613500929
•Specialist in Sports Medicine	20/05/2009-02/07/2012	University of Oviedo & Ministry of Education. C/ Catedrático Gimeno s/n. 33006. Oviedo. Spain. Tel: +34985109522; Fax: +34985109525.
•Certification of full Specialist training in Hand Surgery	19/06/2008-19/06/2009	University Hospital Gregorio Marañón, Doctor Esquerdo 46, 28007, Madrid, Spain. Tel & Fax: +34915732026.
•Specialist in Orthopaedic Surgery	17/06/2003-20/06/2008	University Hospital La Paz, Madrid, & Ministry of Science and Innovation, Pº de la Castellana, 261, 28046, Madrid. Spain. Tel: +3491727700; Fax: +34917277050
•United States Medical License	31/10/2000	Educational Commission for Foreign Medical Graduates (ECFMG/USMLE). 3624 Market Street, PA 19104-2685 USA. Tel: +12153865900.
•Specialist in Family Practice	05/05/1997-05/05/2000	Provincial Teaching Unit of Family and Community Medicine & Ministry of Education. Plaza del Carbayón 1 y 2, 33001, Oviedo Spain. Tel: +34985106865.
•Pedagogy: Certificate of Pedagogic Attitude	01/09/1999-17/03/2000	University of Oviedo, Institute of Educational Sciences, Campus de Humanidades. 33011, Oviedo, Spain. Tel: +34985105008.
•Ph D	15/09/1998-21/12/2000	University of Oviedo Medical School, Av. Julian Claveria s/n, 33006, Oviedo. Spain. Tel: +34985103531; Fax: +34985106285
•M Sc ("Tesina de Grado de Licenciatura")	28/09/1998	University of Oviedo Medical School, Av. Julian Claveria s/n, 33006, Oviedo. Spain. Tel: +34985103531; Fax: +34985106285
•Doctoral Studies	01/09/1996-15/09/1998	University of Oviedo Medical School, Av. Julian Claveria s/n, 33006, Oviedo. Spain. Tel: +34985103531; Fax: +34985106285
•Medical Degree (MD)	01/09/1990-05/08/1996	University of Oviedo Medical School, Av. Julian Claveria s/n, 33006, Oviedo. Spain. Tel: +34985103531; Fax: +34985106285
•University access tests ("PAAU / Selectividad")	01/06/1990	Universidad Nacional de Educación a Distancia. Av del Brasil s/n. 28020. Madrid, Spain. Tel: +34913986000.

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2 PROFESSIONAL LICENSES & MEMBERSHIPS

Licence/Affiliation	Dates	Institution, emplacement et référence
•Full Consultant Registration in Orthopaedics and Full Registration with a license to practice	19/03/2014-Present	Dubai Health Authority, Dubai, UAE. Reference Number DHA-P-0081619. Tel: +971 800342; Fax: +971 43113113
•Full Specialist Registration in Orthopaedics and Full Registration with a license to practice	01/11/2012-2015	British General Medical Council, London, United Kingdom. Reference Number 7341405. Tel: +44 161 923 6602
•Full Specialist Registration with a license to practice	03/07/2003-Present	« Colegio de Médicos de Madrid », Madrid, Spain. Reference Number 282857211. Tel: +34 915 38 51 00
•Member	2006- Present	Spanish Society of Orthopaedic Surgery, Madrid, Spain (www.secot.es)
•Member	2006-2011.	Society of Orthopaedic Surgery and Trauma of Madrid, Spain (www.somacot.org).
•Member	1993-1996	Médecins Sans Frontières - Spain (http://www.msf.es/)

3 EMPLOYMENT HISTORY: POSTS HELD

Post Title	Dates	Institution and location	Beds	Supervisor	Description
•Consultant	06/04/2014 - present	Medcare Orthopaedics and Spine Hospital. 2nd Interchange, Sheikh Zayed Road. 215565. Dubai. +971043768447	21	Dr. Chris Whately	Hand Surgeon
•Consultant	03/09/2013-01/02/2014	“AVANFI Medical Center”. C/ General Yagüe, nº 20, 2-D. 28020 Madrid. 910241343	-	Dr. Manuel Villanueva Martín	Upper Limb surgeon. Sports Medicine.
•Researcher (Consultant)	01/07/2013–03/09/2013	Centre hospitalier universitaire de Point-à-Pitre/ Abymes - BP 465. 97159 Pointe-à-Pitre CEDEX. Guadeloupe. France. Tel : +590 590 891010	862	Dr. André Pierre Uzel	Implementation of clinical model in Minimally Invasive Surgery for Upper Limb pathology
•Consultant	19/06/2008–22/04/2013	Unit of Hand Surgery. Department of Orthopaedics. University Hospital “Gregorio Marañón”. C/ Doctor Esquerdo, 46. 28007 Madrid, Spain. Tel : +34915732026	1540	Dr. Javier Vaquero Martínez	Hand and Upper Limb surgeon.
•Resident	17/06/2003–17/06/2008	Department of Orthopaedics. University Hospital “La Paz”. Pº de la Castellana, 261, 28046, Madrid. Spain. Tel: +3491727700; Fax: +34917277050n	1266	Dr. Enrique Gil Garay	General Orthopaedics.
•Resident	24/06/2002–18/08/2002	Department of Orthopaedics. University Hospital “Puerta del Mar”. Cadiz, Spain	752	Álvaro Molinillo Paz	General Orthopaedics.
•Resident	05/05/1997–04/05/2000	University Central Hospital of Asturias, Oviedo, Spain	1263	Dr. María Mar Martínez Suárez	Family Practice
•Medical Volunteer	01/10/1996–30/03/1997	University of Oviedo, El Salvador, Central America	10	Dr. Pedro Arcos González	General Practice (International Cooperation & humanitarian assistance)

4 AWARDS

Award	Dates	Institution and location	Description
•SECOT Foundation Award Winner, 2017		Spanish Society of Orthopaedic Surgery (SECOT), Spain	1 st award to the best video-technique presented in the 54 th SECOT convention for the work: Periplate tibial fracture with soft tissue compromise. Chana Rodriguez F, Martinez Gomiz JM, Vaquero Martin J, Rojo Manaute JM. http://secot2017.com/mejores-video-tecnicas-premio-fundacion-secot/
•AAOS recognition, 2016		American Association of Orthopaedic Surgeons, Annual Meeting, Orlando, USA	Award for the work: “Ultrasound Guided Carpal Tunnel Release: A new Ultra Minimally Invasive Technique”. Rojo Manaute JM, Capa Grasa A, Chana Rodriguez F, Perez Mananes R, Rodriguez Maruri G, Vaquero Martin J. http://aaos2016.conferencespot.org/61513-aaos-1.2968416/t001-1.2977393/f001-1.2977394/a005-1.2977542/ovt32b-1.2977551
•AAOS recognition, 2016		American Association of Orthopaedic	Winning Award for the work: “# 16-OVT-7710-AAOS. 3 rd Mirror Imaging Models and Pre Contoured Plates for Acetabular

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			Surgeons, Annual Meeting, Orlando, USA	fractures. Do it yourself". Chana F, Rojo JM, Vaquero J, Gil-Martinez P, Martinez Gomiz JM, Perez-Mananes R. https://www.aaos.org/CustomTemplates/VideoGallery.aspx?id=4294972764&nav=276&ssopc=1
•AAOS Award Winner, 2013	19/03/2013	American Association of Orthopaedic Surgeons, Annual Meeting, Chicago, USA	Winning Award for the work: "The Stoppa Approach for intrapelvic migration of THA. Remove it yourself". Authors: Chana F, Villanueva M, Rojo JM, Vaquero J. http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=9b25ccae-dd26-44d1-a77b-53eca6ad0e83&cKey=fe692614-2171-4ad1-bddc-22b629391bc7&mKey={342D5FB6-3E41-46BB-82B4-861286ECFB41}	
•AAOS Award Winner, 2013	21/03/2013	American Association of Orthopaedic Surgeons, Annual Meeting, Chicago, USA	Winning Award for the work: "Instability After Total Knee Arthroplasty, Limits of Constraint". Authors: Villanueva M, Chana F, Pereiro J, Rios A, Rojo J, Fahandez-S H, Benito F, P-Caballer A http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=03603f81-3efd-4adf-a1d1-0adb24394fae&cKey=278d6cec-91c5-450f-9ea3-b415e4f21bc5&mKey={342D5FB6-3E41-46BB-82B4-861286ECFB41}	
•Videomed Award, 2012	16/11/2012	XVII International Festival of Health and Medical films and Telemedicine, Badajoz, Spain	Winning award in the category "Bone, osteoporosis, traumatology and joint disease for the video entitled: "Instability After Total Knee Arthroplasty, Limits of Constraint". Authors: Villanueva M, Chana F, Pereiro J, Rios A, Rojo J, Fahandez-S H, Benito F, P-Caballer A http://www.videomed.es/documentos/20121120113154.pdf	
•Nominee for the Jaime Ist Awards	01/04/2012	Fundación Valenciana de Estudios Avanzados	I was nominated for the "Premios Rey Jaime I, 2012", Valencia, Spain.	
•"Best Resident 2008" Award. XII th Edition	27/11/2008	Ministry of Education and Sanitas Foundation. Madrid. Spain	Awards given to the three best Residents of the country among all Specialties after finishing Residency. http://www.fundacionsanitas.org/premio-mir/ganadores/?page=2	
•Travel Award	26/07/2007	Spanish Society of Orthopaedic Surgery	Travel Award for studying one month at Mayo Clinic, Rochester, USA	
•Travel Award	20/10/2007	Society of Orthopaedic Surgery and Trauma of Madrid	Travel Award for studying one month at Mayo Clinic, Rochester, USA. http://www.somacot.org/pdfs/boletin_somacot_26.pdf	
•Extraordinary Award for the Doctoral Thesis	19/12/2002	University of Oviedo. Oviedo, Spain	Extraordinary Award for my Doctoral Thesis	
•Erasmus-ECTS scholarship	01/09/1994-01/06/1995	University of Lausanne, Switzerland	Erasmus ECTS award for spending my 3 rd academic year of medical studies at Laussane.	
•Erasmus-ECTS scholarship	01/09/1992-01/06/1993	University of Bristol, United Kingdom	Erasmus ECTS award for spending my 5 th academic year of medical studies at Bristol.	
•First Price at the Kansas State Contest in Physics	20/10/1989	Kansas University, Kansas, USA	Kansas State Contest in Physics	

5 FUNDING

Funding	Date	Institution and location	Description
•Grant: "Aids to Research 2008"	16/12/2008	MAPFRE Foundation. Madrid. Spain.	Research Grant for Research in minimally invasive surgery in Hand Surgery. Authors: Rojo-Manaute J, Vaquero M. http://www.mapfre.com/fundacion/es/becasypremios/salud/becas/liberacion-percutanea-intra-vaginal-ultrasonidos.shtml

6 RESEARCH EXPERIENCE

6.1 Research Activities

Activity	Dates	Institution and location	Supervisor	Description
•Regeneration and biomaterials in	01/05/2012– Present	Department of Orthopaedics. University Hospital "Gregorio Marañón". Madrid, Spain. (http://www.iisgm.com/investigacion/a	Dr. J Vaquero	Research aimed at developing Biomaterials in Orthopedics, Stromal stem cells for the Locomotor apparatus and Biomarkers of inflammation /

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musculoskeletal pathology		reas-de-investigacion/area-7-patologia-de-grandes-sistemas-y-trasplante-de-organos/grupo-10-regeneracion-y-biomateriales-en-patologia-musculo-esqueletica/		arthritis. The “OrgCib Project” is an Engineering Project for the prosthetic substitution of the upper limb through minimally invasive ultrasound and navigationally assisted surgery.
•“CIMA Program”	19/06/2008– Present	Unit of Hand Surgery. Department of Orthopaedics. University Hospital “Gregorio Marañón”. Madrid, Spain. (http://www.iisgm.com/investigacion/reas-de-investigacion/area-7-patologia-de-grandes-sistemas-y-trasplante-de-organos/grupo-10-regeneracion-y-biomateriales-en-patologia-musculo-esqueletica/)	Dr. J Vaquero / Dr. JM Rojo - Manaute	Experimental program on ultrasound and navigational assisted surgery. In Spanish, this acronym stands for Ambulatory Minimally Invasive Surgery: twenty seven clinical projects studying the use of ultrasounds for guiding surgery.
•Assistance to Displaced Populations	03/08/1998– 21/07/2004	Department of Epidemiology and Public Health. Unit of Research in Emergencies and Disasters. University of Oviedo, Oviedo, Spain	Dr. Pedro Arcos González	The purpose of this Research was to study and develop procedures for a better sanitary and logistic assistance of displaced populations.
•Experimental Pathology	01/09/1996– 21/12/2000	Department of Surgery. University of Oviedo, Spain.	Dr. Jose Paz Jiménez	I studied the Renin Angiotensin System in rats and dogs. The work ended with the completion of my PhD

7 PUBLICATIONS

7.1 REVIEWER FOR PEER-REVIEWED PUBLICATIONS

1. Journal of Orthopaedic Trauma. <http://journals.lww.com/jorthotrauma/pages/default.aspx>

7.2 PEER-REVIEWED PUBLICATIONS

7.2.1 Peer Reviewed National Institute of Health Indexed Publications.

[http://www.ncbi.nlm.nih.gov/pubmed?term=rojo%20manaute\[au\]](http://www.ncbi.nlm.nih.gov/pubmed?term=rojo%20manaute[au])

7.2.2 International Peer Reviewed Publications

1. Rojo-Manaute, J.M.; Capa-Grasa, A.; Rodríguez-Maruri, G.; Chana-Rodríguez, F.; Puerta Zaballa, P.; Diaz Freire, P. Exploring Urgent Non-Pharmacological and Socioeconomic Interventions for the COVID 19 Epidemic in Spain. Preprints 2020, 2020040470 (doi: 10.20944/preprints202004.0470.v1). <https://www.preprints.org/manuscript/202004.0470/v1>
2. Sánchez-Pérez C, Rodríguez-Lozano G, Rojo-Manaute J, Vaquero-Martín J, Chana-Rodríguez F. 3D surgical printing for preoperative planning of trabecular augments in acetabular fracture sequel. *Injury*. 2018.
3. Chana -Rodríguez F, Cuervas-Mons M, Rojo-Manaute JM, Mora F, Arnal J, Vaquero-Martín J. Ultrasound-guided supra-acetabular pin placement in pelvic external fixation: description of a surgical technique and results *Injury, Int. J. Care Injured* 48S6 (2017) S66–S74
4. Chana-Rodríguez F, Pérez Mañanes R, Rojo-Manaute JM, Gil P, Martínez-Gomiz JM, Vaquero-Martín J. 3D surgical printing and pre contoured plates for acetabular fractures. *Injury*. 2016, Nov;47(11):2507-2511. doi: 10.1016/j.injury.2016.08.027. Epub 2016 Aug 29.
5. Bodor M, Rojo-Manaute JM, Podnar S. Reply. *Muscle Nerve*. 2016 May 3. doi: 10.1002/mus.25170
6. Rojo Manaute JM, Capa Grasa A, Chana-Rodríguez F, Perez-Mañanes R, Rodríguez Maruri G, Sanz-Ruiz P, Muñoz-Ledesma J, Aburto-Bernardo M, Esparragoza-Cabrera L, Del Cerro-Gutierrez M, Vaquero Martín J. Ultra Minimally Invasive ultrasound guided carpal tunnel release: a randomized clinical trial. *J Ultrasound Med*. 2016 Apr 22. pii: 15.07001.
7. Arnal Burro J, Perez Mañanes R, Chana Rodríguez F, Rojo-Manaute J, Vaquero Martín J. 3D surgical printing in open-wedge high tibial osteotomy. Do it yourself. *J Arthroplasty*. 2015 (in press)
8. Chana-Rodríguez F, Pérez Mañanes R, Rojo-Manaute JM, Calvo Haro JA, Vaquero-Martín J. Methods and Guidelines for Venous Thromboembolism Prevention in Polytrauma Patients with Pelvic and Acetabular Fractures. *The Open Orthopaedics Journal*, 2015, 9, (Suppl 1: M6) 313-320
9. Chana-Rodríguez F, Pérez Mañanes R, Rojo-Manaute JM, Moran-Blanco LM, Vaquero-Martín J. Retained Sponge: A Rare Complication in Acetabular Osteosynthesis. *The Open Orthopaedics Journal*, 2015, 9, (Suppl 1: M7) 321-323
10. Sanz-Ruiz P, Chana-Rodríguez F, Villanueva M, Rojo JM, Vaquero J. Pseudoaneurysm of the geniculate artery following elective knee arthroscopy. *Eur Orthop Traumatol*. June 2014;2(5):209-212
11. Chana-Rodríguez F, Villanueva Martínez M, Rojo Manaute JM, Pérez Mañanes R, Mediavilla Santos L, Vaquero Martín J. Total knee arthroplasty in patients with meniscal transplantation. *Acta Ortop Mex*. 2013 Nov-Dec;27(6):402-4.
12. Capa Grasa A, Rojo Manaute JM, Uzel AP, Chana Rodríguez F, M, Vaquero Martín J. Ultra Minimally Invasive ultrasound guided carpal tunnel release. External pilot study. *Rev Chir Orthop*. . 2014 May;100(3):287-92

13. Uzel AP, Borget P, Seris E, Henri S, Rojo Manaute JM, Daculsi G. Analyse clinique d'une vis résorbable composite de nouvelle génération. *Revue de Chirurgie Orthopédique et Traumatologique*. Volume 99, Issue 7, Supplement, November 2013, Page S366. <https://doi.org/10.1016/j.rcot.2013.09.245>. <https://www.sciencedirect.com/science/article/abs/pii/S1877051713004784?via%3Dihub>
14. Chana-Rodríguez F, Villanueva Martínez M, Sanz Ruiz P, Rojo Manaute JM, Vaquero Martín J. Performance of the orthopedic surgical services of the General University Hospital Gregorio Marañón on the 11th of March terrorist outrage in Madrid. *Arch Clin Exp Surg* 2015;4:14-20. *Arch Clin Exp Surg* 2015;4:14-20. doi:10.5455/aces.20140209025358. <http://www.ejmaces.com/fulltext/64-1387799200.pdf?1588347059>
15. Sanz Ruiz P, Chana-Rodríguez F, Villanueva Martínez M, Rojo Manaute JM, Vaquero Martín J. Case report: Pseudoaneurysm of the geniculate artery following elective knee arthroscopy. *Eur Orthop Traumatol*. DOI 10.1007/s12570-013-0229-8. October 2013. <http://link.springer.com/article/10.1007/s12570-013-0229-8>
16. Villanueva-Martinez M, Borja Sobron F, Parra J, Chana-Rodríguez F, Rojo-Manaute JM, Vaquero Martín J. Conversion of Arthrodesis to Total Hip Arthroplasty: Complications, Results, and Prognostic Factors in 21 Consecutive Cases. *HSS Journal*. 2013;9(2):138-144. <http://link.springer.com/article/10.1007%2Fs11420-013-9330-3>
17. Rojo Manaute JM, Capa Grasa A, Rodríguez Maruri G, Moran LM, Villanueva Martínez M, Vaquero Martín J. Ultra Minimally Invasive ultrasound guided carpal tunnel release. Anatomic MRI study of a new technique. *J Ultrasound Med*. 2013 Jan;32(1):131-42.
18. Villanueva-Martinez M, De la Torre B, Ríos-Luna A, Rojo-Manaute J, Chana-Rodríguez F. Tantalum cones in revisión total knee arthroplasty. A promising short-term result with 29 cones in 21 patients. *J Arthroplasty*. 2013 Jun;28(6):988-93. doi: 10.1016/j.arth.2012.09.003. Epub 2013 Feb 13.
19. Chana-Rodríguez F, Villanueva Martínez M, Rojo Manaute JM, Sanz Ruiz P, Vaquero Martín J. Cup-cage construct for acute fractures of the Acetabulum: re-defining indications. *Injury*. 2012; Dec;43 Suppl 2:S28-32. doi: 10.1016/S0020-1383(13)70176-1.
20. Chana-Rodríguez F, Villanueva Martínez M, Rojo Manaute JM, Laguna Aranda R, Vaquero Martín J. Stoppa approach, an alternative for total hip revision in an intra-pelvic cup. *Journal of Arthroplasty*. 2013 Jan;28(1):198.e1-4. doi: 10.1016/j.arth.2012.04.037. Epub 2012 Aug 9 <http://www.arthroplastyjournal.org/article/S0883-5403%2812%2900364-6/abstract>.
21. Chana-Rodríguez F, Villanueva Martínez M, Rojo Manaute, Ortiz Espada A, de las Heras Sánchez-Heredero J, Vaquero Martín J. Trabecular metal box for acute acetabular fracture in an elderly patient. *Acta Ortop Mex*. 2012; 26(3):185-188 (<http://www.medigraphic.com/pdfs/ortope/or-2012/or123h.pdf>).
22. Chana-Rodríguez F, Tabernero Fernández JM, Villanueva Martínez M, Rojo Manaute JM, Vaquero Martín J. Spontaneous expulsion of a screw: an unusual complication 3 years after internal fixation of posterior acetabular wall fracture. *Injury Extra*. 2012; 43(9): 63-64. (<http://www.sciencedirect.com/science/article/pii/S1572346112000141>)
23. Villanueva-Martinez M, Hernandez-Barrera V, Rios-Luna A, Chana-Rodríguez F, Rojo-Manaute J, San Roman Montero J, Gil-de-Miguel A, Jimenez Garcia R. Trends in incidence and outcomes of revision total hip arthroplasty in Spain. A population based study. *BMC Musculoskelet Disord*. 2012; 13:37 (<http://www.biomedcentral.com/content/pdf/1471-2474-13-37.pdf>).
24. Capa-Grasa A, Rojo Manaute JM, Rodríguez Maruri GE, Heras Sánchez-Heredero J, Smith J, Vaquero Martín J. Selective 360° percutaneous ECRB tendon release for tennis elbow: an experimental study. *J Ultrasound Med*. 2012;31(8):1193-1201.
25. Rojo Manaute JM, Rodríguez Maruri GE, Capa Grasa A, Villanueva Martínez M, Del Cerro Gutiérrez M, Vaquero Martín J. Ultrasound assisted intrasheath percutaneous release of the A1 pulley for trigger digits. Part II: Randomized comparative study of the economic impact of three surgical models. *J Ultrasound Med*. 2012;31(3):427-38.
26. Rojo Manaute JM, Rodríguez Maruri GE, Capa Grasa A, Chana Rodríguez F, Del Valle Soto M, Vaquero Martín J. Ultrasound assisted intrasheath percutaneous release of the A1 pulley for trigger digits. Part I: Clinical efficacy and safety. *J Ultrasound Med*. 2012; 31(3):417-24.
27. Sanz Ruiz P, Vethencourt Delia R, Vicente Herrera E, Chana Rodriguez F, Fernandez Mariño JR, Diaz-Mauriño J, Villanueva Martínez M, Rojo Manaute JM, Vaquero Martín J. New treatment for the vertebral fractures: cifoplasty with stent. Description and first results. *J Bone Joint Surg Br*. 2011; 93(B), Issue Supp II:111.
28. Chana-Rodríguez F, López-Capapé D, Rojo-Manaute JM, Vaquero-Martín J, Alonso-Martín JM, González-Santander M, Villanueva-Martínez M. Ludloff approach for osteochondroma in the lesser trochanter in a young middle-distance runner. *Eur Orthop Traumatol*. 2011; 2:83-85.
29. Rojo Manaute JM, López Soto V, de las Heras Sánchez- Heredero J, Del Cerro Gutiérrez M, Del Valle Soto M, Morán Blanco LM, Vaquero Martín J. Sonographically guided percutaneous A1 pulley release: anatomic bases for a new method. *J Bone Joint Surg Br*. 2011;93(B), Issue Supp II:110.
30. Rojo Manaute JM, López Soto V, de las Heras Sánchez- Heredero J, Del Valle Soto M, Del Cerro Gutiérrez M, Vaquero Martín. Percutaneous Intra-sheath ultrasound guided A1 pulley release: anatomic study of a new technique. *J Ultrasound Med*. 2010. 29:1517-1529.
31. Muñoz Ledesma, J; de las Heras Sánchez-Heredero, J; Rojo Manaute, JM; Narbona Cárceles, J; Parra Grande, J; Del Cerro Gutiérrez M. "Hamate's Hook Osteoblastoma: Case Report". *Rev Iberoam Cir Mano*. 2010; 12:127-134.
32. Rojo-Manaute JM, Barco-Laakso R, Gonzalez JM. Results of treating giant cell tumours with en-block resection or curettage. *J Bone Joint Surg Br*. 2006; 88(B) Supp II:331-332

7.2.3 National (Spanish) Peer Reviewed Publications

1. Aburto-Bernardo M, Muñoz Jiménez A, Vaquero-Martín J, Rojo Manaute J. Clinical and radiological results for grade III Rockwood acromio-clavicular dislocations treated by minimally invasive surgery. *Trauma Fund MAPFRE*. 2012; 23 Supp 1:20-26

2. Rojo Ortega JM, Iglesias Cubero G, Rodríguez Reguero J, Rojo Manaute JM, Arguelles Collada JM. "Chloroquine-induced atrial lesions: histopathological studies". Rev Española Patología. 2013; 46(2):117-121. <https://doi.org/10.1016/j.patol.2012.04.003>. <http://www.elsevier.es/sites/default/files/elsevier/eop/S1699-8855%2812%2900055-4.pdf>.
3. Rojo Manaute JM, Igualada Blázquez C, López Soto V, de las Heras Sánchez- Heredero J, Del Cerro Gutiérrez M, Vaquero Martín J. "Percutaneous ultrasound guided A1 pulley release, Part II: Intra-sheath technique". Trauma Fund MAPFRE- 2010. 21: 146-158 (http://www.mapfre.com/fundacion/html/revistas/trauma/v21n3/pdf/02_02.pdf)
4. Igualada Blázquez, C., Rojo Manaute, JM, Taberero Fernández JM, Rodríguez Conde Carlos, Del Cerro Gutiérrez M, Vaquero Martín J. "Percutaneous ultrasound guided A1 pulley release, Part I: Description of the safe area". Trauma Fund MAPFRE. 2010. 21: 135-146 (http://www.mapfre.com/fundacion/html/revistas/trauma/v21n3/pdf/02_01.pdf).
5. Rojo Manaute JM. "Total elbow cemented semiconstrained arthroplasty with bone graft for massive posttraumatic elbow loss of humerus and ulna". Traumatol. 2009 (1); <http://www.editec.com/monograf/traumatol/?p=1209>
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8. Rojo Manaute JM; Rojo Ortega JM. "Renin Angiotensin System and Renal Development". Avances en Hipertensión. 2001; 12:25-26.
9. Rojo Manaute JM; Rojo Ortega JM. "Administration of Telmisartan to pregnant and neonatal rats. Effects on growth and renal development". Nefrología. 2000; 20 Supl.(4):1-7.
10. Rojo Manaute JM; Rojo Ortega JM. "Pharmacological inhibition of the Renin Angiotensin System in neonatal rats". Hipertensión. 2000; 17:74
11. Rojo Manaute JM; Rojo Ortega JM; Rodríguez Pandiella CJ et al. "Nitric Oxide Synthase (NOS -1) Activité determined by NADPH diaphorase (NADPH - d) at the macula densa of non filtering and renin secreting kidneys in rats". Hipertensión. 1998;15:8-9
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13. Rojo Ortega JM, Rojo Manaute JM, Alvarez Asensio E. "Possible role of the Renin Angiotensin System in nephrogenesis in dogs. Hipertensión". 1997; 14: 73
14. Rojo Ortega JM, Rojo Manaute JM, Alvarez Asensio E. Acute and chronic effects of colchicine on arterial blood pressure in rats with severe renovascular hypertension". Hipertensión. 1996; 13: 35
15. Rojo Ortega JM, Rojo Manaute JM, Alvarez Asensio E. "Cellular proliferation at the hypertensive and non hypertensive vascular beds in hypertension due to aortic clamping". Hipertensión. 1996; 13: 25-26
16. Alvarez Asensio E, Rojo Manaute JM, Rojo Ortega JM. "Mass and left ventricular function in chronic alcohol consumers hipertensives and normotensives". Hipertensión. 1995; 12: 5-6

7.2.4 Manuscripts sent to international journals pending acceptance (2012-2021)

1. Rojo Manaute JM, Capa Grasa A, Chana Rodríguez F, Vaquero Martín J. Ultra-minimally invasive sonographically guided trigger digit release: an external pilot study. JOIO (2021)
2. Rojo Manaute JM, Capa Grasa A, Chana Rodríguez F, Vaquero Martín J. Ultrasound guided A1 pulley release versus classic open surgery: a randomized clinical trial. J Ultrasound Med (2021)
3. Perez Mañanes R, Rojo-Manaute JM, Vaquero Martín J, Gil P, Martínez Gómez JM, Chana Rodríguez F. 3D surgical printing in open-wedge high tibial osteotomy. Do it yourself. (pending acceptance)
4. Chana-Rodríguez F, Villanueva Martínez M, Rojo Manaute JM, Ortiz Espada A, Mediavilla Santos L, Vaquero Martín J. Preoperative planning insuffisature in total hip arthroplasty for osteoarthritis after acetabular fracture. Acta ortopédica mexicana (pending acceptance).
5. Rojo Ortega JM, Iglesias Cubero G, Rodríguez Reguero J, Rojo Manaute JM, Arguelles Collada JM. Chloroquine induced phospholipidosis of the lung: case report. J Pathol. (pending acceptance).

7.3 PUBLICATIONS IN BOOKS

7.3.1 Whole Books

1. Rojo Manaute JM. Pharmacological blockade of the Renin Angiotensin System (RAS) in pregnant and neonatal rats: Effects on somatic growth and renal development. Doctoral Thesis. Servicio de Publicaciones. Universidad d'Oviedo. 2002. ISBN: 978-84-8317-299-5; EAN: 9788483172995.

7.3.2 Contributions to International books

1. Rojo Manaute JM, Rodríguez Maruri G, Capa Grasa A. Ultrasound Guided A1 pulley release. In: Atlas of Ultrasound-guided Musculoskeletal Injections. Ed: Malanga G, Mautner K. McGraw- Hill Education. New York. March, 2014; 160-172. ISBN: 0071769676, 9780071769679, 9780071772044.

2. Rojo Manaute JM, Capa Grasa A, Chana Rodriguez F, Vaquero Martin J. Ultrasound Guided Carpal Tunnel Release. In: Atlas of Ultrasound-guided Musculoskeletal Injections. Ed: Malanga G, Mautner K. McGraw- Hill. New York. March, 2014; 186-198. ISBN: 0071769676, 9780071769679, 9780071772044.
3. Rojo Manaute JM, Rodriguez Maruri G, Capa Grasa A. Liberacion de la polea A1 guiada por ultrasonidos. In: Atlas de Infiltraciones Musculosqueléticas Guiadas por Ultrasonido (Spanish). Ed: Malanga G, Mautner K. Amolca. Caracas. August, 2015; 172-184. ISBN: 9588871549, 978-9588871547.
4. Rojo Manaute JM, Capa Grasa A, Chana Rodriguez F, Vaquero Martin J. Liberacion del tunel carpiano guiada por ultrasonidos. In: Atlas of Ultrasound-guided Musculoskeletal Injections. Ed: Malanga G, Mautner K. McGraw- Hill. New York. March, 2014; 195-207. ISBN: 0071769676, 9780071769679, 9780071772044.

7.3.3 Contributions to National (Spanish) books

1. De Las Heras J, Rojo Manaute JM, Del Cerro M, Vaquero J. Hand and wrist exploration. In: "Manual of Orthopaedic Surgery and Traumatology 2". Ed: Societé espagnole de Orthopaedic Surgery (SECOT). Madrid. Médica Panamericana. 2010; 75: 1115-1132. ISBN: 978-84-9835-325-9
2. Moreno A, Rojo-Manaute JM. Vasculitis and Colagenosis. In: "Manual SECOT de Cirugía Ortopedia y Traumatología". Ed: Societé espagnole de Orthopaedic Surgery (SECOT). Madrid. Médica Panamericana. 2010; 40: 560-582. ISBN: 978-84-9835-325-9
3. Lovic A, Rojo Manaute JM. "Thoracic Outlet Compressive Syndrome. In: Compressive neuropathies". Eds: Garcia-Lopez A, Sanchez-Rosales R, Lopez-Duran L. Madrid. Momento Medico Iberoamericano SL. 2007; 167-182. ISBN: 97-884935174-58.
4. Rojo Manaute JM. "Parkinson. In: Common Health Problems: profesional medical information for patients". Ed: Díez Jarilla JL. 2nd Ed. Hôpital Central d'Asturias. Oviedo. 2004;31:282-290. ISBN: 84-923357-34. (<http://www.lasalud.com/pacientes/parkinson.htm>)
5. Rojo Ortega JM; Rojo Manaute JM. "Role of the Renin Angiotensin System in Renal Development. In: XII International Cours on advances in Pediatric Nephrology". Ed: Malaga SS; Santos F. Hôpital Central d'Asturias. Oviedo. 2001; 9-20
6. Arcos González P, Rojo Manaute JM, López Díaz V. "Refugees and displaced population. In: Environmental impact on health". Ed: Blanco Coronado JL. Némesis. Granada. 1999; 42: 585-598. ISBN: 84-922930-7-1, 9788492293070

8 PRESENTATIONS IN MEDICAL CONVENTIONS

8.1 International presentations

1. Rojo Manaute JM. Liberacion del tunel del carpo guiada por ecografia, un procedimiento ultra-minimamente invasivo. VII master course centroamericano de patologia quirurgica musculoesqueletica. Menarini online, 18th to 20th November, 2020.
2. Rojo Manaute JM. Scapholunate instability, reduction association of the scaphoid and lunate. 7th Medicare Orthopaedics and Spine Hospital Symposium. Marriott Hotel Al Jaddaf, Dubai, 17th January, 2020.
3. Rojo Manaute JM. Failed scapholunate repair, what next?. International Hand & Wrist congress. Sheraton Grand Hotel, Dubai, 14th to 16th November, 2019.
4. Rojo Manaute JM. Advances in the management of musculoskeletal health in athletes. Physical Medicine and Rehabilitation Conference. Cleveland Clinic. Roda A Murooj DOWTOWN, Dubai, 18th to 19th November, 2017.
5. Rojo Manaute JM. Roda A Murooj DOWTOWN Medicare Ultrasound guided surgery for traumatic intrasynovial flexor tendon injuries. Orthopaedics and Spine Hospital Symposium. Dubai, 10th November, 2017.
6. Rojo Manaute JM, Updates on perioperative pain management. Ultrasound guided and assisted minimally invasive procedures. Grand Hyatt. Dubai, 2017. Dubai, 14th March, 2016
7. Rojo Manaute JM, Dupuytren: Ultra-MIS release. 4th Medicare Orthopaedics and Spine Hospital Symposium. Dubai, 21st October 2016.
8. Rojo Manaute JM, Capa-Grasa A, Chana Rodriguez F, Perez Mananes R, Rodriguez Maruri G, Vaquero Martin J. Ultrasound Guided Carpal Tunnel Release: A New Ultra Minimally Invasive Technique. Orthopaedic Video Theater AAOS, Orlando. 01/02/2016; http://orthoportaaos.org/emedial/abstract.aspx?resource=EMEDIA_OSVL_16_31.
9. Rojo Manaute JM, Ultrasound guided 1 mm trigger digit release. 3rd Medicare Orthopaedics and Spine Hospital Symposium. Dubai, 27th November 2015.
10. Rojo Manaute JM, "Augmented Reality (AR) in Minimally Invasive Orthopaedic-Trauma Surgery. *An Evolution*" ¿Que hay de nuevo 2015?: Ultra MIS Upper Limb. University Hospital Gregorio Marañón. Madrid, 19-20 November. 2015. <http://www.madrid.org/cs/Satellite?blobcol=urldata&blobheader=application/pdf&blobheadername1=Content-disposition&blobheadername2=cadena&blobheadervalue1=filename=qhdn2015.pdf&blobheadervalue2=language=es&site=HospitalGregorioMarañon&blobkey=id&blobtable=MungoBlobs&blobwhere=1352896266127&ssbinary=true>.
11. Perez Mañanes R, Rojo-Manaute J, Vaquero Martin J, Martinez Gomez JM, Chana Rodriguez F. 3D Surgical Printing In Preoperative Planning And Pre Contoured Plates For Acetabular Fractures. Do It Yourself. Computed Assisted Radiology and Surgery (CARS), 29th international Congress and Exhibition. Barcelona, Spain. June 24-27, 2015
12. Rojo Manaute JM, Minimally invasive treatment for carpal tunnel syndrome, anatomoclinic study. International Advanced Orthopaedic Congress. Dubai, 20-21st March 2015. <http://www.youtube.com/watch?v=i8qkdz1iaQQ>
13. Rojo Manaute JM, minimally invasive treatments in hand surgery. Ultrasound guided and assisted procedures. 2nd Medicare Orthopaedics and Spine Hospital Symposium. Dubai, 7th November 2014. <http://www.youtube.com/watch?v=i8qkdz1iaQQ>

14. Rojo Manaute JM, minimally invasive treatments in hand surgery. Ultrasound guided and assisted procedures: Overview. 10th Middle East Orthopaedics Conference. Arab Health Congress. Dubai, 28-30 January 2014. <http://inc.informa-mea.com/Sites/AHCongress/v2/Downloads/OrthopaedicsConference2014.pdf>
15. Rojo Manaute JM, Philosophy behind Ultra-MIS surgery: methods for organization and efficiency. ¿Que hay de nuevo 2013?: Ultra MIS Upper Limb. University Hospital Gregorio Marañón. Madrid, 14-15 November. 2013 <http://doctorrojo.com/wp-content/uploads/2010/03/Programa-QHDN-definitivo.pdf>
16. Rojo Manaute JM, Ultrasound guided surgery for traumatic flexor tendon injuries. ¿Que hay de nuevo 2013?: Ultra MIS Upper Limb. University Hospital Gregorio Marañón. Madrid, 14-15 November. 2013. <http://doctorrojo.com/wp-content/uploads/2010/03/Programa-QHDN-definitivo.pdf>
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18. Rojo Manaute JM, Trigger digit: intra-sheath technique. ¿Que hay de nuevo 2013?: Ultra MIS Upper Limb. University Hospital Gregorio Marañón. Madrid, 14-15 November. 2013. <http://doctorrojo.com/wp-content/uploads/2010/03/Programa-QHDN-definitivo.pdf>
19. Rojo Manaute JM, Ultra-MIS for Carpal Tunnel Syndrome : Live surgery. ¿Que hay de nuevo 2013?: Ultra MIS Upper Limb. University Hospital Gregorio Marañón. Madrid, 14-15 November. 2013. <http://doctorrojo.com/wp-content/uploads/2010/03/Programa-QHDN-definitivo.pdf>
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21. Rojo Manaute JM, Hand and wrist fractures and stiffness, Rhizarthrosis, distal Biceps avulsion and DeQuervain. ¿Que hay de nuevo 2013?: Ultra MIS Upper Limb. University Hospital Gregorio Marañón. Madrid, 14-15 November. 2013. <http://doctorrojo.com/wp-content/uploads/2010/03/Programa-QHDN-definitivo.pdf>
22. André-Pierre Uzel, Pascal Borget, Elodie Seris, Stéphane Henri, Jose-Manuel Rojo Manaute, Guy Daculsi. (Pointe à Pitre, Guadeloupe). Analyse clinique d'une vis résorbable composite de nouvelle génération. 88e SOFCOT. 11-14 Novembre 2013. Paris. <http://www.sofcot-congres.fr/sites/sofcot-congres.fr/files/u5/programme.pdf>
23. Rojo Manaute JM, Capa-Grasa A, Villanueva-Martínez M, Rodríguez-Maruri G, Chana-Rodríguez F, De Las Heras J, Vaquero-Martín J. Minimally Invasive one millimeter approach ultrasound guided carpal tunnel release: External pilot study. 2013 EFORT Congress, 5-8 June. Istanbul. http://www.efort.org/istanbul2013/2_programme_scientific_detail.aspx?id=216&key=rojo
24. Rojo Manaute JM, Capa-Grasa A, Chana-Rodríguez F, Villanueva-Martínez M, Rodríguez-Maruri G, De Las Heras Sanchez-Heredero J, Vaquero-Martín J. Minimally Invasive one millimeter approach ultrasound guided carpal tunnel release: Anatomic Study. 2013 EFORT Congress, 5-8 June. Istanbul. http://www.efort.org/istanbul2013/2_programme_scientific_detail.aspx?id=216&key=rojo
25. Chana-Rodríguez F, Rojo Manaute JM, Ríos-Luna A, Sobrón B, Benito F, Vaquero J, Villanueva-Martínez M. 2013 EFORT Congress, 5-8 June. Istanbul. http://www.efort.org/istanbul2013/2_programme_scientific_detail.aspx?id=216&key=rojo
26. Rojo-Manaute JM, Capa-Grasa A, Uzel AP et al. Ultrasound guided carpal tunnel release thru a one millimeter approach: Anatomic Study. ISCAA-PMA-GRAZ, Austria. 2013
27. Rojo-Manaute JM, Bulla A, Henri S, Uzel AP et al. About the absence of musculocutaneous nerve. ISCAA-PMA-GRAZ, Austria. 2013
28. Villanueva M, Chana Rodriguez F, Pereiro J, Ríos-Luna A, Rojo- Manaute J, Benito Del Carmen F, Fahandez-Saddi H, Perez-Caballer A. Instability After Total Knee Arthroplasty. Limits Of Constraint. 2013 AAOS Annual Meeting, March 19-23. Chicago, Illinois. <http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=c5ca7e39-d232-4b7d-bc8a-bcfa7577eebd&cKey=72516ad8-44ac-4f6b-818a-b872bd616686&mKey={342D5FB6-3E41-46BB-82B4-861286ECFB41}>
29. Chana Rodriguez F, Villanueva M, Rojo- Manaute J, Perez-Díaz M, Fernández-Mariño J, Vaquero-Martín J. Stoppa Approach for Removal of the Intrapelvic Cup for Acetabular Revision. 2013 AAOS Annual Meeting, March 19-23. Chicago, Illinois. <http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=566c2610-6d34-443b-815b-05632c71c574&cKey=63796a72-908c-4189-b417-02ae8e809dec&mKey={342D5FB6-3E41-46BB-82B4-861286ECFB41}>
30. Rodriguez-Maruri G, Rodríguez-Bilbao E, Rojo-Manaute JM. Telesonography: Through oceans, mountains and deserts. Euroson Madrid April 22nd to 24th, 2012.
31. Rodriguez-Maruri G, Rojo-Manaute JM, Capa-Grasa A. Ultrasound guided A1 pulley release: a new ultra-minimally invasive technique of the unit of research in hand surgery. Euroson Madrid April 22nd to 24th, 2012.
32. Rojo-Manaute JM, Rodriguez-Maruri G, Capa-Grasa A, Sobron-Caminero F, Villanueva M, Rodriguez Conde C, Rios-Luna A, Del cerro M, Vaquero Martin J. The Intrasheath Ultrasound Guided A1 Pulley Release (USGAR) For Trigger Digits. Convention: 2012 AAOS Annual Meeting, February 7-11. Moscone Convention Center. San Francisco, CA (<http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=cec04eae-c5e6-4cbf-ab8f-21faf82edc6a&cKey=19cc9ce7-cbc0-477b-8eb1-35ff51c7b006&mKey=BA8AA154-A9B9-41F9-91A7-F4A4CB050945>)
33. Villanueva M, De la Torres B, Rios-Luna A, Chana Rodriguez F, Rojo- Manaute J, Sanz Ruiz P, Benito Del Carmen F, Jimenez Garcia R, Vaquero Martin J. Tantalum Cones In Revision Total Knee Arthroplasty. A Promising Short-term Result With 29 Cones In 21 Patients. 2012 AAOS Annual Meeting, February 7-11. Moscone Convention Center in San Francisco, CA. (<http://www.abstractsonline.com/Plan/ViewAbstract.aspx?mID=2841&sKey=a0db00f6-9850->

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34. Rojo Manaute JM, López Soto V, de las Heras Sánchez- Heredero J, Del Valle Soto M, Del Cerro Gutiérrez M, Vaquero Martín. Sonographically Guided Percutaneous A1 Pulley Release: anatomic bases for a new method. 11th Congress EFORT. Madrid, June 2nd-5th, 2010.
35. Rojo Manaute JM; Lovic A. Post-traumatic radioulnar joint instability without arthrosis. Restrospective study of the reparative and reconstructive surgery of the TFCC. XVIII National Convention of the Société espagnole de Hand Surgery (SECMA), Joint convention SECMA – Eastern European Countries. VIIth Ibero-american meeting on Hand Surgery. Zaragoza, June 6-8th, 2007

8.2 National (Spanish) presentations

1. Ruben Perez Mañanes, Jose Rojo-Manaute, Javier Vaquero Martin, Jose Maria Martinez Gomez, Francisco Chana Rodriguez. 3D Surgical Printing In Preoperative Planning And Pre Contoured Plates For Acetabular Fractures. Do It Yourself. Computed Assisted Radiology and Surgery, June 24-27. Barcelona, Spain. 2015
2. Chana Rodríguez, F., Villanueva Martínez, M., Rojo Manaute, J., Juarez Cozar, J., Cuervas-mons Cantón, M., Mora Alañón, F., Vaquero Martín, J. Trabecular metal in acute acetabular fractures. SECCA 25-27 Barcelona June 2012
3. Chana Rodríguez, F., Villanueva Martínez, M., Rojo Manaute, J., Juarez Cozar, J., Mora Alañón, F., Cuervas-mons Cantón, M., Vaquero Martín, J. Anatomical alternative for removal of intra-pelvic acetabular migrated components. SECCA 25-27 Barcelona June 2012
4. Rodriguez Maruri G, Rojo-Manaute JM, Alberto Capa. Percutaneous ultrasound guided release of the A1 pulley. SEMFYC. Toledo, May 22nd, 2011.
5. Sanz Ruiz P, Vethencourt Delia R, Vicente Herrera E, Chana Rodriguez F, Fernandez Mariño JR, Diaz-Mauriño J, Villanueva Martinez M, Rojo Manaute JM, Vaquero Martin J. New treatment for the vertebral fractures: cifoplasty with stent. Description and first results. Madrid, Spain: 2–5 June 2010
6. Rojo Manaute JM, Del Cerro Gutierrez M. Percutaneous ultrasound guided repair for flexor tendon injuries. I jornada de cirugía de mano y muñeca. SCMCOT-SOMACOT. Toledo, February 26th, 2010.
7. Muñoz Ledesma, J; de las Heras Sánchez-Heredero, J; Narbona Cárceles, J; Parra Grande, J; Rojo Manaute, JM; Del Cerro Gutiérrez M. “Hamate’s Hook Osteblastoma: Case Report”. National Convention In Orthopaedic Surgery. Barcelona. 2009
8. Rojo Manaute JM; Lovic A. Technical innovation: Post-tumoral distal radioulnar joint anatomic reconstruction with a vascularised fibular graft. Barcelona. 10/ 2006
9. Rojo Manaute JM; González JM. Results of the treatment of Giant Cell Tumour after “en block” resection or curettage. National Convention In Orthopaedic Surgery. Sevilla. 10 / 2005
10. Rojo Manaute JM; Lovic A. Surgical Rescue technique for Darrach and Sauve-Kapandji by partial ulnar metallic replacement. National Convention In Orthopaedic Surgery. Sevilla. 10 / 2005
11. Rojo Manaute JM; Lovic A. Retrospective evaluation of surgical treatment of the distal radioulnar joint post-traumatic instability without arthrosis. National Convention In Orthopaedic Surgery. Sevilla. 10 / 2005
12. Rojo Manaute JM; Lovic A. Technical Innovation: anatomic reconstruction of the distal radioulnar ligaments through a single dorsal approach. National Convention In Orthopaedic Surgery. Sevilla. 10 / 2005
13. Rojo Manaute JM; Lovic A. Vascularized fibular graft in the treatment of tibial congenital pseudoarthrosis: Serie of cases. National Convention In Orthopaedic Surgery. Sevilla. 10 / 2005
14. Rojo Manaute JM; Gómez Cardero P; Duran Manrique D; Sanchez-Sotello J. Total cemented semiconstrained elbow replacement with allograft for massive post-traumatic loss of humerus and ulna. National Convention In Orthopaedic Surgery. Sevilla. 10 / 2005
15. Rojo Manaute JM; Vierge JA. Titanium Arthroplasty for Hallux Valgus. National Convention In Orthopaedic Surgery. Madrid. 10 / 2004
16. Rojo Manaute JM; Rojo Ortega JM. Administration of Telmisartan to pregnant and neonatal rats. Effects on growth and renal development. XXX National Convention of the Société espagnole de Nephrology. Oviedo. (Poster). 10 / 2000
17. Rojo Manaute JM; Camblor Santervas AI; Diaz Castano MA. Habitual Smoking and anti- tobacco advice in physicians. VIII Meeting for Internes of Family Practice from Asturias. Cangas del Narcea. (Oral). 03 / 2000
18. Rojo Manaute JM; Rojo Ortega JM. Pharmacological Inhibition of the Renin Angiotensin System (SRA) in neonatal rats. 5th National Meeting of the Société espagnole de Hypertension - Spanish League for combating Arterial Hypertension. Madrid. (Poster). 03 / 2000
19. Alvarez Asensio E; Sousa Escandon A.; Rodriguez Ledo P; Rojo Manaute JM et al. Biochemical parameters in hypertensive patients treated with ACE inhibitors and diuretics. XIII Meeting of the Castellano - Leonesa - Cantabra Society of Internal Medicine. Leon. (Oral Presentation, in Spanish). 05 / 1998
20. Rodriguez Ledo P; Alvarez Asensio E; Sousa Escandon A.; Linares Stolle R; Rojo Manaute JM et al. Alcoholic consumption and disorders related with alcohol at a rural area. XIII Meeting of the Castellano - Leonesa - Cantabra Society of Internal Medicine. Leon. (Poster, in Spanish). 05 / 1998
21. Sousa Escandon A.; Rodriguez Ledo P; Alvarez Asensio E; Rojo Manaute JM et al. Tolerance of alpha blockers in patients with hypertension and benign prostatic hypertrophy. XIII Meeting of the Castellano - Leonesa - Cantabra Society of Internal Medicine. Leon. (Poster). 05 / 1998
22. Alvarez Asensio E; Rodriguez Ledo P; Sousa Escandon A.; Rojo Manaute JM et al. Hypertensive treatment and systemical effects in General Practice. XIII Meeting of the Castellano - Leonesa - Cantabra Society of Internal Medicine. Leon (Oral). 05 / 1998

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23. Rojo Manaute JM; Rojo Ortega JM; Rodriguez Pandiella CJ et al. Renin Angiotensin System and glomerular maturation in neonatal dogs. 3rd National Meeting of the Société espagnole de Hypertension - Spanish League for combating Arterial Hypertension (Poster). 03 / 1998
24. Rojo Manaute JM. Work Experience in Primary Care Settings in Central America. VI Meeting for Internes of Family Practice from Asturias. Cangas de Onis (Poster). 11 / 1997
25. Rojo Manaute JM. Primary Care to displaced population: The problem of the refugees. VI Meeting for Internes of Family Practice from Asturias. Cangas de Onis. (Poster). 11 / 1997

9 CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

9.1 Short Stays at Hand Surgery Units with known reputation

Position	Dates	Institution and location	Supervisor	Description (main goal)
•Consultant	27/05/2013-04/06/2013	Clinique Maussins-Nollet, Paris, France.	Dr. Stéphane Augouard	Arthroscopic shoulder surgery
•Consultant	22/04/2013-23/05/2013	Hospital Fundación Jiménez Díaz, Madrid, Spain	Dr. Emilio Calvo, Dr. Antonio Foruria	Elbow and shoulder surgery.
•Consultant	13/07/2009-27/07/2009	Centre de Chirurgie de la Main – Nice, France	Dr Marouanne Bouloudinne	Endoscopic and peripheral nerve surgery.
•Resident	04/02/2008-29/02/2008	Mayo Clinic. Rochester – USA	Drs. R Berger, A Bishop, A Shin and D. Dennison	General Hand Surgery
•Resident	01/02/2004-30/04/2004	Hospital Virgen de La Torre. Madrid, Spain	Dr. Alex Lovic	General Hand Surgery
•Resident	01/02/2006-31/05/2005	Hospital La Paz, Madrid, Spain	Dr. Alex Lovic	Pediatric and Brachial plexus surgery
•Resident	14/03/2006-14/04/2006	Institute Kaplan. Barcelona, Spain	Dr. Marc García	Reconstructive hand surgery
•Resident	15/05/2006-02/06/2006	Hospital Mutua Montañesa. Santander, Spain	Dr. Francisco Piñal	Microsurgery

9.2 CPD COURSES

Title	Institution and location	Dates	Hours
1. Medicare Orthopaedics and Spine Hospital Symposium	Medcare Orthopaedics and Spine Hospital. Marriott Hotel Al Jaddaf, Dubai, UAE	17/01/2020	6 CME
2. ASSH 2019 Self-Assessment Examination	American Society for Surgery of the Hand. Online at http://www.assh.org/courses . Chicago, IL	31/07/2019	20 CME hours
3. Arthrex International Hand Course.	Artholab/ Arthrex. Munich.	26/10/2018	
4. Physical Medicine and Rehabilitation Conference.	Cleveland Clinic Foundation Center for Continuing Education. Dubai, UAE.	18-19/11/2017	15.25 CME
5. ASSH 2017 Self-Assessment Examination	American Society for Surgery of the Hand. Online at http://www.assh.org/courses . Chicago, IL	28/07/2017	20 CME hours
6. 4 th International Advanced Orthopaedic Congress	MBR-AMC, Dubai, UAE	19-20/05/2017	12.75
7. 13 th Middle East Orthopaedics Conference.	Cleveland Clinic Foundation Center for Continuing Education. Dubai, UAE.	30/02/2017	6.5 CME
8. 3 rd Medical Printing Conference.	Dubai International Convention & Exhibition Center, Dubai, UAE	30/01/2017-02/02/2017	-
9. 3 rd International Advanced Orthopaedic Congress	Mohammed bin Rashid Academic Medical Center, Dubai, UAE	27-28/03/2016	15 CME
10. Medicare Orthopaedics and Spine Hospital Symposium	Medcare Orthopaedics and Spine Hospital. Crowne Plaza, Dubai, UAE	21/10/2016	6 CME hours
11. American Academy of Orthopaedic Surgeons	American Academy of Orthopaedic Surgeons (AAOS). Orlando, FL, USA.	01-05/03/2016	18 CME
12. Prevention of hip dislocation and leg length inequality after total hip arthroplasty	Medcare. The H Hotel, Dubai, UAE.	25/02/2016	1 CME hours
13. ASSH OCC Scapholunate Instability	American Society for Surgery of the Hand. Online at http://www.assh.org/courses . Chicago, IL	08/02/2016	1 CME hours
14. ASSH 2016 Self-Assessment Examination	American Society for Surgery of the Hand. Online at http://www.assh.org/courses . Chicago, IL	08/01/2016	20 CME hours

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15. 1 st GRECMIP Middle East Foot & Ankle basic cadaver course	Sharjah Surgical Institute. Sharjah. UAE.	13/11/2015	4.5 CPD
16. ASSH 2015 Self-Assessment Examination	American Society for Surgery of the Hand. Online at http://www.assh.org/courses . Chicago, IL	15/06/2015	20 CME hours
17. International Advanced Orthopaedic Congress	Sofitel Downtown Dubai Hotel, Dubai, UAE	19-21/03/2015	18 CME
18. State of the art of surgical management of hand and wrist trauma	Sharjah Surgical Institute, Sharjah, UAE	06/12/2014	2 CPD
19. Medcare Orthopaedics and Spine Hospital Symposium	Medcare Orthopaedics and Spine Hospital. Crowne Plaza, Dubai, UAE	07/11/2014	6 CME hours
20. ASSH OCC TFCC Injury & DRUJ Instability	American Society for Surgery of the Hand. -. Online at http://www.assh.org/courses . Chicago, IL	11/08/2014	1 CME hours
21. ASSH 2014 Self Assessment Examination	American Society for Surgery of the Hand. Online at http://www.assh.org/courses . Chicago, IL	27/06/2014	20 CME hours
22. 10 th Middle East Orthopedics Conference	Dubai International Convention & Exhibition Centre, Dubai, UAE.	28-30/01/2014	1 CME
23. Review Course in Orthopaedic Surgery	University Hospital La Paz. Madrid, Spain	22/02/2008	19.5
24. Review Course in Orthopaedic Surgery	University Hospital La Paz. Madrid, Spain	02/02/2007	16
25. Course for Operations in Emergencies and Disasters	University of Oviedo and Spanish Agency for International Cooperation, Oviedo, Spain	26/05/2007	30
26. Difficult Problems in Hand Trauma	Hospital Ramon Negrete-Mutua Montañesa, Santander, Spain	17/02/2006	
27. Review Course in Orthopaedic Surgery	University Hospital La Paz. Madrid, Spain	18/06/2005	18
28. Course in Microsurgery	Department of Plastic Surgery. University Hospital La Paz. Madrid	27/05/2005	20
29. Basic Course in Osteosynthesis	AO Foundation. San Juan. Alicante, Spain	16/04/2005	50
30. Difficult Problems in Hand Trauma	Hospital Ramon Negrete-Mutua Montañesa, Santander, Spain	11/02/2005	
31. Flap Course in Cadavers	Medical School of San Juan Alicante, Spain	29/01/2005	
32. Vith Course in Emergencies in Orthopaedic Surgery and Traumatology	Department of Traumatology. Hospital Ramon and Cajal. Madrid, Spain	30/09/2004	25
33. Introductory course to investigation in Orthopaedic Surgery	MSD. La Paz Hospital. Madrid	14/05/2004	
34. Update in the treatment of articular fractures	Synthes. Las Rozas. Madrid	27/09/2003	
35. Conservative and Minimally Invasive Surgery	University of Oviedo, Spain	05/07/1996	40

10 OTHER COURSES ATTENDED

Title	Institution and location	Dates	Hours
•Basic Life Support	American Heart Association.	17/08/2016	
•Needle Stick Injury	Medcare Hospital. Dubai, UAE.	22/09/2015	1.25
•Gastro Update 2014	Al Musalla Medical Centre LLC, Emirates Aviation College Auditorium, Dubai, UAE	31/10/2014	6 CPD
•Course for Protection and Animal Research for Investigators	University Hospital Gregorio Marañón. Madrid, Spain	25/11/2008	84
•Power Point Course for Physicians	Hospital La Paz. Madrid, Spain	21/10/2004	
•Legal Aspects of the Medical Profession	National Health Service (INSALUD). Oviedo, Spain	16/02/2000	10
•Continuous Training in Antimicrobial drugs for Family Practice Physicians	Spanish Society of Rural and Generalist Medicine. Spanish Society of Chemotherapy. Madrid. Spain	02/01/1999	
•Workshop in Palliative Care	National Health Service (INSALUD). Oviedo, Spain	18/03/1999	5
•Workshop in Asthma	National Health Service (INSALUD). Oviedo, Spain	28/01/1999	6
•Family Care	National Health Service (INSALUD). Oviedo, Spain	12/11/1999	15
•The Clinical Interview	National Health Service (INSALUD). Oviedo, Spain	11/27//1999	20
•Methodology in Investigation	National Health Service (INSALUD). Oviedo, Spain	25/06/1999	40
•Planning and Programming in Primary Health Care	National Health Service (INSALUD). Oviedo, Spain	4/12/1998	20
•Basic Epidemiology	National Health Service (INSALUD). Oviedo, Spain	18/11/1998	20

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•Demography	National Health Service (INSALUD). Oviedo, Spain	9/10/1998	8
•II Course of Continuous Training for Family Practice Physicians	Surgical Academy of Asturias and Medical Council of Asturias. Oviedo, Spain	01/01/1998-01/04/1998	40
•First Course for the Continuous Training in Diabetes for Physicians at the Hospital Central of Asturias	Department of Endocrinology. University Central Hospital of Asturias. Oviedo, Spain	22/01/1998	
•Advanced Cardiopulmonary Resuscitation	Intensive Medicine Society and Coronary Units (SEMIUC). Oviedo, Spain	30/06/1997	25

11 CONFERENCES ATTENDED

(Please refer to the previous list for presentations in Medical Conventions)

12 AUDIT ACTIVITIES

Activity	Dates	Institution and location	Supervisor	Description
•Evaluation of the Portfolio of Services in the Primary Health Care of the IVth Sanitary Area	10/11/1999	Direction of the Primary Health Care, National Health Service (INSALUD). Oviedo, Spain	Alberto Lecuona Recarte (Manager)	Audit of the medical history for evaluating inclusion criteria to eight Services

13 TEACHING & TRAINING EXPERIENCE

13.1 University Posts

Position	Dates	Institution and location	Description
•Clinical associate professor/ "Colaborador clínico Docente"	01/09/2011-2013	Department of Surgery. University Complutense. Madrid, Spain.	University honorific title for physicians participating in practical and theoretical educational activities for medical students.

13.2 Direction of Doctoral Thesis

Title	Start dates	Institution and location	Doctoral Student
•Sonographically Guided Intrasheath Percutaneous Release of the First Annular Pulley for Trigger Digits	01/05/2010-Present	Department of Surgery. University Complutense. Madrid, Spain.	Guillermo Rodríguez Maruri, MD.
•Ultra-minimally invasive ultrasound guided carpal tunnel release (http://eprints.ucm.es/23862/)	01/04/2009-17/09/2013	Department of Surgery. University Complutense. Madrid, Spain.	Alberto Capa Grasa, MD

13.3 University Teaching experience

Title	Institution and location	Dates	Hours
•Assistance to Displaced Population. IVth Summer Course in Sanitary Emergencies for Medical Students	University of Oviedo, Oviedo, Spain	21/07/04	8
•Assistance to Displaced Population. 1st Course in Sanitary Emergencies for University Students	University of de Santiago. Santiago de Compostela, Spain	01/05/04	3
•Summer Course on Assistance to Urgencies and Emergencies	University of Oviedo, Gijón, Spain	27/07/03	
•Assistance to Displaced Population, 1st Course in Sanitary Emergencies for Medical Students.	Universidad Complutense de Madrid. Madrid, Spain	01/06/03	2
•Assistance to Displaced Population. II Summer Course in Sanitary Emergencies for Medical Students.	University of Oviedo. Llanes, Spain	28/07/02	8
•Assistance to Displaced Population. IV Course of University Specialist in Nursing of Emergencies and Catastrophes	University of Oviedo, Oviedo, Spain	20/04/00	2
•Assistance to Displaced Population. III Course of University Specialist in Nursing of Emergencies and Catastrophes	University of Oviedo, Oviedo, Spain	30/04/99	2

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- Assistance to Displaced Population. II Course of University Specialist in Nursing of Emergencies and Catastrophes University of Oviedo, Oviedo, Spain 03/08/98 2

13.4 Other teaching experience

Title	Institution and location	Dates	Hours
• Update in the Assistance to Vulnerable Population	National School of Public Health, Instituto Carlos III, Madrid, Spain	23/04/04	10
• Palpitations and Arrhythmias; Acute Monoarthritis; Lumbalgia; Genital and Urinary urgencies; Traumatology. Bridge Course 98 (Course for Residents in Medical and Surgical Emergencies).	University Central of Asturias, Oviedo, Spain.	12/06/98	
• Medical Problems in High Mountain Regions. Mountain First Aid Course.	Ensidesa Mountain Group. Gijón	19/05/98	15
• International Master of Public Health: Humanitarian Aid and Assistance to Displaced Population.	National School of Public Health, Instituto Carlos III, Madrid, Spain	25/09/98	12

14 MANAGEMENT EXPERIENCE (science-related only)

Title	Date	Institution and location	Authors/ Medical Team	Description
• 3 rd Medicare Orthopaedics and Spine Hospital Symposium. Dubai, 2015	6 th November 2015	Medicare Orthopaedics and Spine Hospital Symposium. Dubai	Rojo Manaute JM, Whately C	Scientific Chairman. https://sites.google.com/site/moshsymposium2015/
• "Que Hay de Nuevo/ What's there new: Ultra-MIS Upper Limb" Convention, 2013	14-15 th November, 2013	University Hospital Gregorio Marañón (Madrid, Spain).	Rojo Manaute JM, Vaquero Martín J	Scientific Chairman at the "Que Hay de Nuevo" Convention in Ultra-Minimally Invasive Surgery for the Upper Limb. http://www.qhdn2013.com/
• Project for creating an outpatient minimally invasive surgical care for patients with musculoskeletal pathology of the upper limb: "CIMA" Program.	January 2009	University Hospital Gregorio Marañón (Madrid, Spain).	Rojo Manaute JM, De las Heras Sánchez-Heredero J, Morán Morán J, Del Cerro Gutiérrez M, Vaquero Martín	This report described in its 98 pages the management procedures for developing the CIMA Program, which is still running at present.
• "CIMA" Program Update: Standards for organizing the surgical procedure.	September 2010	University Hospital Gregorio Marañón (Madrid, Spain).	Rojo Manaute JM, De las Heras Sánchez-Heredero J, Morán Morán J, Del Cerro Gutiérrez M, Vaquero Martín J.	This 9 pages report updated our methods for optimizing efficiency at the surgical room.
• Creating a program for outpatient minimally invasive upper limb, multidisciplinary, inter-hospital surgical care for the entire Community of Madrid	May 2011	University Hospital Gregorio Marañón (Madrid, Spain).	Rojo Manaute JM, De las Heras Sánchez-Heredero J, Morán Morán J, Vaquero Martín J.	24-page proposal for extending our management methods in hand surgery to the rest of the Province of Madrid.