Enrique Gómez Barrena

Date of birth: 25/04/1963 | Nationality: Spanish | Gender: Male

WORK EXPERIENCE

15/10/2010 – CURRENT – Madrid, Spain

FULL PROFESSOR, ORTHOPAEDIC SURGEON – Hospital La Paz, Universidad Autónoma de Madrid

In the current position, main activities and responsibilities include acting as Full Professor and Chairman of Orthopaedic Surgery at the Universidad Autónoma de Madrid and Attending Orthopaedic Surgeon and Associated Chief of Orthopaedic Surgery at Hospital Universitario La Paz, Madrid, Spain, since 2010.
Academic responsibilities include under and postgraduate teaching of Orthopaedic Surgery and Traumatology in the Grade of Medicine, as well as organisation of the discipline at Universidad Autónoma de Madrid for Medical and Allied health studies.
Research responsibilities include acting as Principal Investigator on experimental and clinical studies and trials in different orthopaedic fieldsdifferent EU, National, Regional and Private organisation funded projects, as well as industry funded clinical trials in the field of Orthopaedic Surgery and Traumatology, currently including the coordination of H2020 project (EU-Orthounion).
Clinical activities include the direction of an Orthopaedic service on Knee surgery and the personal implication on patient care and surgical procedures.

01/07/2000 – 14/10/2010 – Madrid, Spain

PROFESSOR, ORTHOPAEDIC SURGEON – Hospital Fundación Jiménez Díaz, Universidad Autónoma de Madrid

Academic, research and clinical activities as an Orthopaedic surgeon organising the related teaching, research and clinical developments at the hospital, affiliated to the University.

EDUCATION AND TRAINING

01/05/1988 – 10/07/1992 – Facultad de Medicina, C/ Arzobispo Morcillo 2, Madrid, Spain

DOCTORAL DEGREE (PHD IN MEDICINE) – Universidad Autónoma de Madrid

www.uam.es

10/03/1994 – 15/12/1994 – New York, United States

ORTHOPEDIC RESEARCH FELLOWSHIP – Hospital for Special Surgery

28/04/1988 – 31/12/1992 – Pº Castellana 261, Madrid, Spain

RESIDENCY IN ORTHOPAEDIC SURGERY (SPECIALIST) – Hospital La Paz

01/09/1981 – 30/06/1987 – Zaragoza, Spain

MEDICAL DEGREE – Universidad de Zaragoza

LANGUAGE SKILLS

Mother tongue(s): **SPANISH**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	C2	C2	C2	C2	C1
ENGLISH	C2	C2	C2	C2	C2

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

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Outlook | Microsoft Powerpoint | Google Drive | Microsoft Office | Zoom

PUBLICATIONS

Frontiers in non-union research

EFORT Open Rev. 2020 Oct 26;5(10):574-583. doi: 10.1302/2058-5241.5.190062.
2020

Preclinical safety study of a combined therapeutic bone wound dressing for osteoarticular regeneration

Nat Commun. 2019 May 14;10(1):2156. doi: 10.1038/s41467-019-10165-5
2019

Feasibility and safety of treating non-unions in tibia, femur and humerus with autologous, expanded, bone marrow-derived mesenchymal stromal cells associated with biphasic calcium phosphate biomaterials in a multicentric, non-comparative trial

Biomaterials. 2019 Mar;196:100-108. doi: 10.1016/j.biomaterials.2018.03.033
2019

Back-side wear in HexLoc cups clinico-radiological, immunohistopathological, finite element, and retrieval analysis studies

J Long Term Eff Med Implants. 2014;24(4):319-31. doi: 10.1615/jlongtermeffmedimplants.2014011940
2014

Doped TiO2 anodic layers of enhanced antibacterial properties

Colloids Surf B Biointerfaces. 2013 May 1;105:106-12. doi: 10.1016/j.colsurfb.2012.12.051
2013

DLC coatings for UHMWPE: relationship between bacterial adherence and surface properties

J Biomed Mater Res A. 2012 Oct;100(10):2813-20. doi: 10.1002/jbm.a.34220
2012

Bacterial adherence on UHMWPE with vitamin E: an in vitro study

J Mater Sci Mater Med. 2011 Jul;22(7):1701-6. doi: 10.1007/s10856-011-4340-5
2011

Functional performance with a single-radius femoral design total knee arthroplasty

Clin Orthop Relat Res. 2010 May;468(5):1214-20. doi: 10.1007/s11999-009-1190-2
2010

Special modes of corrosion under physiological and simulated physiological conditions

Acta Biomater. 2008 May;4(3):468-76. doi: 10.1016/j.actbio.2007.12.003
2008

Influence of the remelting process on the fatigue behavior of electron beam irradiated UHMWPE

J Biomed Mater Res B Appl Biomater. 2006 Feb;76(2):346-53. doi: 10.1002/jbm.b.30378
2006