

***CURRICULUM
VITAE***

**J.Lafuente PhD
LMS, MSc(Barcelona) FRCS (Ed) FRCS (Glas).**

J D Lafuente

Date of Birth	1 st February 1965.
Place of Birth	Zaragoza, Spain
Nationality	Spanish.
Family Status	Married.
Present Position	Consultant Neurosurgeon Hospital de Mar Barcelona, Spain Director of Spine Center Hospital del Mar, Barcelona, Spain
Seguro de Responsabilidad profesional	Seguro de Responsabilidad Civil Colegio de Médicos de Barcelona COMB
Numero de Colegiado	28707 Colegio de Médicos de Barcelona COMB

DEGREES, DIPLOMAS & PRIZES

- 1992 LMS (Licentiate in Medicine & Surgery), Barcelona, Spain.
Honours in Anatomy I & II, Surgery I & II, Emergency Surgery and Psychiatry.
- 1994 Certification of Accreditation to practice as a G P (86/457/EEC).
- 1996 Master in Science MSc (Surgery), UAB, Barcelona, Spain
- 1998 FRCS Edinburgh.
FRCS Glasgow.
- 1998 ATLS Provider.
APLS Provider
MIMMS Provider
- 2002 Prize to the the best presentation for the British Skull Base Society.
Surgical approaches to the posterior fossa: Does craniotomy lead to fewer complications than craniectomy?
- 2003 PRIZE MARIO BONI for best investigation project
Cervical Spine Research Society , Barcelona
- 2004 PhD
“Arthroplasty as an alternative to arthrodesis
in the treatment of cervical spondylosis”
- 2005-
Present **Member of the “Constitution and By-laws” committee** (WFNS) from 2005 to 2013
- 2005 **Consultant Medtronic 2002-2005.**
- 360 degree assesment in hospital management**
University of London. February 2005
- 2007-
Present **Spine Course Faculty EANS:**
a) (EANS Research & Methodology)
b) (EANS Spine)

- 2009** **Organizer and Faculty EANS Spine Course Barcelona 2009 y 2010**
- Resident Tutor at Hospital del Mar, Barcelona (2009- present)**
- 2011-**
present **EANS Delegate for Spain (Training Comittee)**
 International Relations & Spine
- 2011-**
present **Colaborator at NED Foundation for Education and Training in**
Developing Countries. Exchange Programe between EANS training and
third world country Neurosurgical units.
- 2014** **AOSpine Europe / Spain Education Neuro Officer**
- 2014** **Reviewer European Spine Journal & Acta Neuroquirurgica**
- 2014-**
present **Faculty at WFNS (World Federation Neurosurgical societies) Spine**
section
- 2015** **President Elect of EANS (European Association of Neurological**
Societies)
- 2016-17** **Master in Hospital Administration (UIC, Universitat Internacional**
de Catalunya)
- Master Degree (MD) Reorganization of Neurosurgeryv in the**
Catalan Autonomous Region.
- 2016** **Examinador de la EANS (2016, presente)**
- 2017** **Director of the Spine centre at Hospital del Mar**
- 2017** **President EANS**
- 2017** **President of the Catalan Society of Neurosurgery. (SCNCR)**

EDUCATION & TRAINING

1971 - 1979 **Princess Margaret English School, Barcelona.**

1979 – 1984 **Escuelas Pias de Sarria, Barcelona.**
(The equivalent of) Science ‘A’ Levels.

1984 – 1985 **One year of a Psychology degree.**
Central University of Barcelona

1984 - 1992 **Medical School,**
Autonomous University of Barcelona.

1987 –1989 **Compulsory Military Service.**
Degree of Medical Officer.

1992 – 1997 **Basic Surgical Training**

1998 – 2001 **Neurosurgical Training**

TRAINING APPOINTMENTS

Pre-Registration Training

House Physician

Sept 1990 – June 1991
(9 Months)

Department of Medicine, Valle Hebron Hospital, Barcelona .
Department of Paediatrics, Valle Hebron Hospital, Barcelona.

House Surgeon

July 1991 – June 1992
(9 Months)

Department of Surgery, Valle Hebron Hospital, Barcelona.
Department of Neurosurgery, SJDD Hospital, Barcelona.

General Professional Training

SHO A & E.

July 1992 – Jan 1993
(5 Months)

Institut Catala de la Salut. (Catalan Health Service)
Special Emergency Service, Barcelona, Spain.

SHO A & E.

Feb 1993 – July 1993
(6 Months)

East Surrey Hospital, Redhill.

SHO Orthopaedics.

Aug 1993 – July 1994
(12 Months)

East Surrey Hospital, Redhill.

Anatomy Demonstrator

Aug 1994 – Jan 1995
(6 Months)

St George's Medical School, London.

SHO Neurosurgery

Feb 1995 – July 1995
(6 Months)

Oldchurch Hospital, Romford.

SHO General Surgery / Spinal Injuries.

Feb 1996 – July 1996
(6 Months)

Northern General Hospital, Sheffield.

**SHO General Surgery /
Spinal Injuries.**

Feb 1996 – July 1996
(6 Months)

Northern General Hospital, Sheffield.

SHO General Surgery

Aug 1996 – July 1997
(12 Months)

Birch Hill Hospital, Rochdale.

SHO Neurosurgery

Aug 1997 – July 1998
(12 Months)

Leeds General Infirmary, Leeds.

Neurosurgical Training

Locum Registrar

Aug 1998
(3 Weeks)

Leeds General Infirmary, Leeds.

Honorary research Fellow

Sept 1998 – Dec 1998.
(3 Months)

Leeds General Infirmary, Leeds.

Locum Registrar

Dec 1998 – Jan 1999
(4 Weeks)

Hurstwood Park, Haywards Heath.

SPR in Neurosurgery

Feb 1999 – 2004

North Thames Rotation Scheme

Royal Free Hospital, London

National Hospital N&N, Queen Square, London.

Great Ormond Street Hospital for Children, London.

Spinal fellow National Hospital N&N, Queen Square, London.

National Hospital N&N, (NHNN) Queen Square, London

SPINE Fellow

2004-2005

Spine Fellowship. Clinical and Research fellow at NHNN, under the direction of Mr Adrian Casey, Produced PhD as well as two papers Queen Square, London

Consultant Neurosurgeon

2005-2008

Josep Trueta Teaching Hospital

Girona, Spain

Consultant Neurosurgeon

2008-Present

Hospital del Mar Teaching Hospital

Barcelona, Spain

Director of Spine centre

2017- present

Hospital del Mar Teaching Hospital

Barcelona, Spain

Neurosurgical Training Courses

1993

ADVANCED SHORT COURSE PROGRAM IN NEUROSURGERY

National Hospital for Neurology and Neurosurgery, London.

Epilepsy, Neurosurgery, Neuroanatomy, Migraine and Movement Disorders.

1995

INTRACRANIAL PRESSURE MONITORISATION

Valle Hebron University Hospital, Barcelona.

NEUROVASCULAR PATHOLOGY

Valle Hebron University Hospital, Barcelona.

1997

II COURSE OF VERTEBRAL PATHOLOGY

Asepeyo Clinic, Barcelona.

1998 **NEURO TRAUMA STUDY DAY.**
Leeds General Infirmary, Leeds.

BASIC SURGICAL SKILLS IN NEUROSURGERY
Royal College of Surgeons of England, London.

1999 **VASCULAR DAY. NTR TEACHING PROGRAMME**
University Department of Neurosurgery. Institute of Neurology,
London.

2000 **SURGICAL EXPOSURES FOR INTRACRANIAL PATHOLOGY.**
Royal College of Surgeons. London

NEUROVASCULAR FORUM
Royal Society of Medicine.

IMPLICATIONS IN FIBROSIS IN LUMBAR SURGERY
Royal Society of Medicine.

2001 **NEUROVASCULAR FORUM**
Royal Society of Medicine

EANS
Prague, Czech Republic

**NEUROLOGICAL ANATOMY, PHYSIOLOGY &
PATHOLOGY.**
Royal College of Surgeons, London, UK

**CONTEMPORARY TREATMENT STRATEGIES IN
NEUROVASCULAR DISEASE**
Royal College of Surgeons, London, UK

SKULL BASE STUDY GROUP
National Hospital for Neurology & Neurosurgery, London.

2002 **EANS**
Rome, Italy

SKULL BASE STUDY GROUP

National Hospital for Neurology & Neurosurgery, London

ESPN

La Manga del Mar Menor, Murcia , Spain

NEUROVASCULAR FORUM

Royal Society of Medicine

2003

**PRACTICAL STATISTICS FOR MEDICAL RESEARCH (PSMR)
COURSE**

University College London (UCL), London, UK

RESEARCH METHODS FOR CLINICAL TRIALS

Birmingham Clinical Trials Unit, Birmingham , UK

EANS

Amsterdam, Holland

2004

CLINICOCONFERENCE ON PITUITARY DISEASE

Royal college of physicians, London, UK

Neurosurgical Training

SPR in Neurosurgery
North Thames Rotation Scheme

1. Royal Free Hospital RFH
(1999-2000; 18 months)

Specialist Registrar
General neurosurgery
Skull base surgery

2. National Hospital for
Neurology & Neurosurgery
NHNN

(2000-2001; 12 months)
Specialist Registrar
Vascular neurosurgery
Complex spinal surgery

3. Great Ormond Street
Hospital for Children.
GOS

(2001-2002; 6 Months)
Specialist Registrar
Paediatric neurosurgery

4. National Hospital for
Neurology & Neurosurgery
NHNN

(2002-2003; 18 months)
Spinal Fellow

5. National Hospital for
Neurology & Neurosurgery
NHNN

(2003-2004; 6 months)
Specialist Registrar
Pituitary surgery

6. National Hospital for
Neurology & Neurosurgery
NHNN

(2004-2004; 6 months)
Oncology neurosurgery

Haywards Heath. Locum
Registrar Neurosurgery.

After this period of time I have worked in Neurosurgery, I have: not only enjoyed getting exposed to a large variety of neurosurgical procedures but more importantly I have had the opportunity of starting to build the confidence to make appropriate clinical and surgical decisions in many of these neurosurgical patients.

Teaching commitments: I was directly responsible to run the clinical and operative audit meetings. I have also presented articles in the monthly journal club. The SHO teaching program has been organised by me with the supervision of my consultant. I was also involved in teaching 4th and 5th year medical students as well as independent teaching sessions for our SHO's.

Clinical Duties / Operative Experience:

My work consisted mainly in attending theatre sessions, clinics and making sure that the wards were well looked after.

I have worked for a number of Neurosurgical consultants over this period of time. I have had the opportunity to cover various specialities whilst working at the different units: **RFH:** General, Vascular, Base of skull. **NHNN:** Vascular, Complex spine + Base of Skull. **GOS** Paediatric. I have managed to do a good amount of surgical interventions with and without supervision.

Administrative Duties

I was responsible to do the discharge summaries of any patient who was admitted under the care of any of my consultants equally I liaised with GP's and patients for admission and I also organised the theatre lists.

During the period of 4 weeks I was attached to Mr. J. Norris who has got a special interest in vascular neurosurgery. I was in a 1 in 4 on call rota.

Leeds. Honorary research Fellow in Neurosurgery.

During this period I was involved with a research project looking at risk factors in myelopathic patients. I also had time to finish small projects and papers that I started while working as an SHO.

Leeds. Locum Registrar in Neurosurgery.

My duties consisted on four elective and one acute theatre sessions, one follow-up and a new patient's clinic every week. I was involved in the teaching session, taking active part in the discussions of the day. I had the opportunity of extending my "hands on" experience by doing supervised by my consultant, lumbar discectomy and lumbar laminectomy. I was on call with a Senior Registrar performing Acute Subdural, Vp shunts and craniotomies for tumours.

Leeds. Senior House Officer in Neurosurgery.

The Neurosurgical Unit is newly formed, covering 2.7 million populations. The department consists of 72 beds (6 HDU) plus 8 ITU, staffed by six consultants, five registrars, one research registrar and six senior house officers.

Teaching Commitments:

The unit has an organised weekly programme, incorporating registrar presentations, journal club and mortality-morbidity audit meetings. There are also x-ray, neuropathology and ITU tutorials and presentations. As part of my responsibilities, I taught nurses, medical students and junior SHO's.

Clinical Duties / Operative Experience:

My clinical duties as SHO consisted of three, weekly clinics, including one for new patients. I gained wide local experience in the management of the acute and postoperative patients, and gained good 'hands on' experience in basic emergency neurosurgical procedures.

Basic Surgical Training

- 1. East Surrey Hospital**
- 2. St Georges Medical School**
- 3. Oldchurch Hospital**
- 4. Northern General Hospital**
- 5. Rochdale infirmary.**

During this period of time I had the opportunity of getting exposed to various surgical specialities. As a born surgeon I did enjoyed all parts of surgery and I took the advantage of having excellent consultants, who took me through a wide variety of surgical procedures.

I also spend some time doing small pieces of research, which allowed me to write some papers.

During that time I also took on the ATLS, MIMMS and APLS courses as well as the Advanced Cardiac Support, courses that undoubtedly helped me to get my exams, which I managed to pass in February 1998.

LANGUAGES

English, Spanish and catalan

PERSONAL INTERESTS

Tennis, Travelling,, Fly-fishing, Sailing.
I enjoy Opera.

Neurosurgical Experience: in Underdeveloped African Countries

Since 2008 , I have visited amongst different ONG´s (Non Gubernamental Organizations) various Subsaharian countries with the view of organizing Neurosurgical care. The countries were we had inspected are Mali, Ghana, Benin, Kenia, Tanzania and Zanzibar. We have collaborated and organized during weekly missions with local doctors, ,newly born neurosurgical centres, training local doctors in ward organization and surgical skills. Whilst my presidency of the EANS I have instituted a training program were last year European residents will have the opportunity in giving support to those newly created neurosurgical centres in underdeveloped African countries to guarantee continuity and complication solutions. Missions are organized weekly or every two weeks , living the patients unattended for, sometimes, large period of time, without neurosurgical assistance. This project is a personal goal and I intent to pursue it with the assistance of WFNS (World federation of Neurosurgical Societies). Local African new centres are queing to get this, free , EANS directed, neurosurgical manpower support.

Member of societies:

WFNS(World Federation Neurosurgical Societies from 2006
EANS (European Association Neurosurgical Societies) from 2008
CSRS (Cervical Spine Research Society)from 2008
SENEC(Sociedad Española de Neurocirugia) from 2009
SCNCR (Catalan society of Neurosurgery) from 2005
AOSPINE from 2011

PUBLICATIONS

1. Choroid plexus papillomas of the III ventricle in infants

Costa JM, **Lafuente J**, Ley L, Claramunt E;
Childs Nervous System. 13(5): 244-9, 1997 May

2. Central Pontine Myelolysis, a rare postoperative complication.

Kendall R, **Lafuente J**, Hosie KB;
Journal of the Royal Society of Medicine, 90(8): 445-6, 1997 Aug.

- 3. Meningioma recurrence at different site masquerading as a Subdural haematoma.**
Timothy J, Lafuente J, Marks P.V.
Journal of Neurosurgery. 1999 Sep; 91(3):496-8.
- 4. High Dependency Units are associated with fewer Cardio-Respiratory complications for surgical patients**
Jones HJS, Coggins R, Lafuente J, De Cossart L.
Br J Surg. 1999 Dec;86(12):1578-82.
- 5. Full recovery following a ruptured spinal arteriovenous malformation confined to the subarachnoid space causing cauda equina syndrome.**
Timothy J, Dominguez C, Lafuente J and Marks P.
Journal of Clinical Neuroscience Vol.7, No. 5, September 2000 pp. 460-462
- 6. Primary low-grade B-cell lymphoma of mucosa-associated lymphoid tissue of the dura mimicking the presentation of an acute subdural hematoma. Case report and review of the literature.**
Goetz P, Lafuente J, Revesz T, Galloway M, Dogan A, Kitchen N.
Journal of Neurosurg. 2002 Mar; 96(3):611-4.
- 7. Surgical procedures for posterior fossa tumours in children: does craniotomy lead to fewer complications than craniectomy?**
Gnanalingham KK, Lafuente J, Thompson D, Harkness W, Hayward R
J Neurosurg. 2002 Oct; 97(4):821-6
- 8. The natural history of ventriculomegaly and tonsillar herniation in children with posterior fossa tumours--an MRI study.**
Gnanalingham KK, Lafuente J, Thompson D, Harkness W, Hayward R.
Pediatr Neurosurg. 2003 Nov;39(5):246-53.
- 9. Intraventricular migration of a Rickham reservoir: endoscopic retrieval.**
Gnanalingham KK, Lafuente J, Harkness W.
Childs Nerv Syst. 2003 May 10
- 10. Intracranial aneurysm surgery and its future.**
Maurice-Williams RS, Lafuente J
J R Soc Med. 2003 Nov; 96(11):540-3.
- 11. MRI study of the natural history and risk factors for pseudomeningocele formation following posterior fossa surgery in children**

Gnanalingham KK, **Lafuente J**, Thompson D, Harkness W, Hayward R
British Journal of neurosurgery, 2003 Dec; 17(6):530-536

12.Ruptured intracranial aneurysms: the outcome of surgical treatment in experienced hands in the period prior to the advent of endovascular coiling.

Lafuente J, Maurice-Williams RS

J Neurol Neurosurg Psychiatry. 2003 Dec; 74(12): 1680-4..

13.Isolated diastasis of cranial sutures: unusual presentation of a blocked shunt in an infant.

Gnanalingham KK, **Lafuente J**, Cheng D, Harkness W, Thompson D
Childs Nerv Syst. 2005 Mar 23

14.Role of the C2 Articular Branches in Occipital Headache: An Anatomical Study

Paluzzi A, Belli A, **Lafuente J**, Wasserberg J.

Clin Anat. 2005 Aug 9

15.Percutaneous coagulation of choroid plexus to unblock the ventricular catheter using the Seldinger technique: preliminary report.

Gnanalingham KK, **Lafuente J**, Brew S, Harkness W, Thompson D, Hayward R

Surg Neurol. 2005 Nov;64(5):440-3.

16.Biomechanical behaviour of an incidentally diagnosed silent corticotroph adenoma

Benaiges D, Puig J, **Lafuente J**, Gimeno J, Prados M, Sagarra E, Flores-Le-Roux J

Neuro Endocrinol Lett. 2012;33(3):290-3.

17.Giant pseudoaneurysm as a delayed surgical complication in a patient operated on a giant neuroma of the vagus nerve: Case report and management considerations.

Manzano-Lopez Gonzalez D, Rubino P, Mendivil Teran, P, Lafuente Baraza J, Conesa Beltran G.

Arg Bras Neurocir 33 (4): 368-74, 2014

ISSN 0103-5355

Disponibile en http://portalsbn.org/painel/uploads/arquivos/abn_34_4_final.pdf

18.Unusual case of posterior fossa syndrome and bilateral hypertrophic olivary degeneration after surgical

removal of a large fourth ventricle ependymoma in an adult.

Manzano-Lopez Gonzalez D, Conesa Bertran G, **Lafuente Baraza J.**
Acta Neurochir (Wien). 2015 Jul;157(7):1271-3. doi: 10.1007/s00701-015-2442-4. Epub 2015 May 9. PMID: 25956396

19. Severe Bradicardia after topical use of papaverine during a pons cavernoma surgery

Manzano-Lopez Gonzalez D, Conesa Bertran G, Lafuente Baraza J.
Int J Neurol Neurotherapy 2015,2-4. open access ISSN: 2378-3001

20.

BOOK CHAPTERS

1. Diagnostico diferencial y tratamiento del dolor facial de origen neurológico.

La importancia del funcionalismo craneofacial, editorial AMOLCA,
Editor: Eduardo Padrós. (2004)

2. El abordaje lateral extremo (ale) en el tratamiento de la patología en la proximidad del agujero magno.

Tratado de Columna (2005)
Editor: Jose Barbera

3. Lesion Medular Aguda

Actualización y controversias en el manejo del paciente politraumatizado
Editorial Bristol-Myers Squibb. 2009

Editors: J Castaño, J Castillo, F Escolano, Ll Gallart, A Montes y E Samso

4. Innovations in Anterior cervical Spine surgery

Operative Neurosurgical Techniques (5th Edition)

Editorial: Saunders- Elsevier

Editors: Schmidek & Sweet

5. Patología de la Region Craneo Cervical. Tratamiento quirúrgico por via anterior

Editorial : Panamericana

Editors: R Gonzalez & H Koller (2015)

4 more chapters in preparation

1. Letter from the President of the EANS

Acta Neuroquirurgica (Wien) 2018 Jan;160(1):1. doi: 10.1007/s00701-017-3376-9. Epub 2017 Nov
Lafuente, J

2. Editorial del presidente de la sociedad europea de Neurocirugia

Neurocirugia (Astur). 2017 Nov - Dec;28(6):259. doi:10.1016/j.neucir.2017 .
10.002. Spanish
Lafuente ,J

PERSONAL PRESENTATIONS

- 1. The adequacy of cervical radiographs in head injury transferred patients.**
Society of British Neurological Surgeons. Brighton. 25th September 1998.
- 2. Evaluation of Zero drift of Codman ICP Monitor.**
North of England Neurological association, Leeds. 20th November 1998.
- 3. Does a correlation exist between clinical outcome and increased T-2 weighted signal on MRI in patients who present with a cervical myelopathy and undergo surgical decompression?**
134th SBNS Meeting in Leeds. 22nd April 1999
- 4. “Precisión del monitor de presión intracraneal Codman y su relevancia clinica”**
IV Meeting of the Society of Spanish Neurological Surgeons May 1999.
- 5. Hematoma intracraneal secundario a una ruptura aneurismática. La importancia de la intervencion quirurgica.**
IV Meeting of the Society of Spanish Neurological Surgeons May 1999.
- 6. Acceptabilidad de la radiografia cervical en pacientes transferidos con traumatismo. craneoencefalico severo.**
IV Meeting of the Society of Spanish Neurological Surgeons May 1999.
- 7. Radioterapia estéreo táctica fraccionada y de radio múltiple (SMART) como tratamiento de los neurinomas del nervio acustico.**

- V Meeting of the Society of Spanish Neurological Surgeons May 2000.
- 8. Tratamiento de los aneurismas cerebrales. El papel de la cirugía.**
V Meeting of the Society of Spanish Neurological Surgeons May 2000.
- 9. SAH and Intra-ventricular Haemorrhages**
Diploma in Clinical Neurology in Queen Square, April 2001
- 10.Spinal Meningiomas. Surgical Results of 184 consecutive Cases.**
138th Society of British Neurological Surgeons meeting. Wimbledon Sept 2001.
- 11.Spinal Meningiomas. Surgical Results of 184 consecutive Cases.**
51st Congress of Neurological Surgeons (CNS), San Diego California USA,
October 2001
- 12.Maxillotomy. An approach for the Skull Base.**
1st Skull Base Study Group, Queen Square, London, Nov 2001
- 13.Approaches to the Cerebello-Pontine angle**
3rd Skull Base Study group, Queen Square, London, Feb 2002
- 14.A prospective Multi-centre Evaluation of a Novel Cervical Disc Replacement.**
Brit Spine, Birmingham, UK, Feb 2002
- 15.Estudio Multi-céntrico evaluando la novel prótesis discal de Bryan**
VII Congreso de la sociedad española de Neurocirugía. Santiago de C, España,
May 2002
- 16.Meningiomas Espinales. Resultados quirúrgicos de 184 casos consecutivos**
VII Congreso de la sociedad española de Neurocirugía. Santiago de C, España,
May 2002
- 17.Cervical Meningiomas. Surgical results of 70 consecutive cases**
CSRS, Paris, June 2002
- 18.Discos Cervicales Artificiales**
I Congreso de la Sociedad de Neurocirugia de la CAM, Madrid, Nov 2002.
- 19.Surgical approaches to the posterior fossa: Does craniotomy lead to fewer complications than craniectomy ?'**
British Skull Base Society, London Dec 2002.

20.Surgical approaches to the posterior fossa: Does craniotomy lead to fewer complications than craniectomy ?'

European Skull Base Society Meeting. Barcelona, Spain March 2003.

21.Association of *APOE* ε4 with Cervical Spondylotic Myelopathy

BNRG (British Neurosurgical Research Group), Magdalene College, Cambridge, UK March 2003

22.Subdural Empyemas in Children. Surgical management revisited

Lafuente J, Gnanalingham K, Hayward R, Harkness W, Thompson D
SBNS, Belfast, Northern Ireland. UK, April 2003

23.Avances en Cirugia de Columna

Lafuente J

VIII Congreso de la sociedad española de Neurocirugía. Alicante, España, May 2003

***Visiting Professor**

24.Subdural Empyemas in Children. Surgical management revisited

LafuenteJ

Grand Round, Great Ormond Street Hospital, London, May 2003

25.Association of *APOE* ε4 with Cervical Spondylotic Myelopathy

Lafuente J, Casey ATH, Nicoll JA, Stewart J, Singh A, Crockard HA
CSRS, Barcelona, June 2003.

***Mario Boni Award Winner**

26.CEDRIC Trial. A double blind randomized controlled trial comparing an artificial disc replacement and an interbody Cage for the treatment of cervical spondylotic disease.

Lafuente J, Casey ATH

CSRS, Barcelona, June 2003.

27.Association of *APOE* ε4 with Cervical Spondylotic Myelopathy

Lafuente J, Casey ATH, Nicoll JA, Stewart J, Singh A, Crockard HA

European Congress of Neurosurgery, September 2003.

28.CEDRIC Trial. A double blind randomized controlled trial comparing an artificial disc replacement and an interbody Cage for the treatment of cervical spondylotic disease.

Lafuente J, Casey ATH

European Congress of Neurosurgery, September 2003.

29. Association of *APOE* ϵ 4 with Cervical Spondylotic Myelopathy

Lafuente J, Casey ATH, Nicoll JA, Stewart J, Singh A, Crockard HA
North American Spine Society, October 2003.

30. Lecture and defense of the PhD thesis

**“Arthroplasty as an alternative to arthrodesis
in the treatment of cervical spondylosis”.**

Lafuente J.

April 2004

31. Adjacent Segment Degeneration in Cervical surgery

Lafuente J, Casey ATH, Crockard HA
SBNS, Oxford UK, April 2004.

32. Asociación de la Apolipoproteína e4 con espondilosis cervical mielopática

Lafuente J, Casey ATH.

IX Congreso de la sociedad española de Neurocirugía, Santander, Spain. Mayo
2004

33. Experiencia con la prótesis cervical de Bryan. Dos años de seguimiento.

Lafuente J, Casey ATH.

IX Congreso de la sociedad española de Neurocirugía, Santander, Spain. Mayo
2004

34. The future of cervical arthroplasty

IX congress of Portuguese neurosurgical society, Estoril, May 2004.

***Visiting professor**

35. Adjacent Segment Degeneration in Cervical surgery

Lafuente J, Casey ATH, Crockard HA
CSRS, Oporto, Portugal. June 2004.

36. Rationale en el uso de las artroplastias discales

**III Congreso de la Sociedad e Neurocirugía de la Comunidad Autónoma de
Madrid.**

Madrid, España, Nov 2004.

Lafuente J

37. Rationale en el uso de las artroplastias discales

**III Congreso de la Sociedad e Neurocirugía de la Comunidad Autónoma de
20Madrid.**

Madrid, España, Nov 2004.

Lafuente J

Invited Profesor

38.Simposium Internacional sobre Patología de la Columna Vertebral

Bilbao, España, Feb 2005

Lafuente J

Invited Profesor

39.Mielopatía Cervical, nuevo test con factor pronostico.

III Curso de Cirugía Vertebral

Barcelona, España, April 2005

Lafuente J

Invited Profesor

40.Incidencia del segmento adyacente en artrodesis cervical. Seguimiento a 10 años.

Neuroraquis

Jerez de la Frontera, España, May 2006

Lafuente J, Joly C, Rimbau J, Cano P, Martin S

41.Research Methods in Spine and peripheral nerve

Lisboa, June 2007

Lafuente J

EANS Research and Methodology

Invited Profesor

42.Spinal Intradural Tumours

Lafuente J

EANS Spine 1: Cervical Spine

Opatija, Croacia, Dec 2007

43.Espondilosis anquilopoyetica. Tratamiento en mielopatía cervical.

Societat catalana de Neurocirurgia

Lafuente J

Baqueira Beret, Feb 2008

44.Protocolo “disco vivo”

Lafuente J

Neuroraquis

Bayona, March 2008

Invited Profesor

45. Pasado, Presente y futuro de las artroplastias cervicales

Lafuente J

Neuroraquis

Bayona, March 2008

Invited Profesor

46. AO Clasification of thoraco lumbar fractures

Lafuente J

EANS Spine 2: Thoraco- Lumbar Spine

Opatija, Croacia, Nov 2008

47. Extramedullary tumours

Lafuente J

EANS Spine 2: Thoraco- Lumbar Spine

Opatija, Croacia, Nov 2008

48. Infected metalwork: Management

Lafuente J

EANS Spine 2: Thoraco- Lumbar Spine

Opatija, Croacia, Nov 2008

49. Tratamiento quirúrgico de la espondilolistesis lumbar.

Societat catalana de Neurocirugía

Lafuente J

Baqueira Beret, Feb 2009

50. Tratamientos noveles para la patología lumbar degenerativa

Societat catalana de Neurocirugía

Lafuente J

Baqueira Beret, Feb 2009

51. Innovations in the treatment of cervical spondylotic disease

Neurosurgery and pain management

Lafuente J

Barcelona, Feb 2009

52. Evidence of novel treatments for the management of lumbar pain

Neurosurgery and pain management

Lafuente J

Barcelona, Feb 2009

53. Surgical treatment for lumbar espondylolisthesis

22 Neurosurgery and pain management

Lafuente J

Barcelona, Feb 2009

54.Extramedullary tumours

Lafuente J

EANS Spine 1: Cervical Spine

Barcelona, Oct 2009

55.Posttraumatic syringomyelia

Lafuente J

EANS Spine 2: Cervical Spine

Barcelona, Oct 2009

56.Cervical disc disease: surgical options: ACDF

Lafuente J

EANS Spine 2: Cervical Spine

Barcelona, Oct 2009

57.Spine Fracture Classification.

Lafuente J

EANS Training Course. Spine

Padova, Italy Feb 2010

58.Education and Training Spine in Neurosurgical Trainees.

The EANS experience

Lafuente J

SENEC

Madrid, May 2011

59.Vertebra Metastases. Management and Treatment.

Lafuente J

Societat catalana de Neurocirugía

Barcelona, Feb 2012

60.Hemostasis in Complex Spinal Surgery.

Lafuente J

La Coruña, Oct 2012

61.How to manage Complex Spine cases in Developing Countries.

Lafuente J

Bratislava, Oct 2012

62. Postraumatic siringomielia. Management

Lafuente J

EANS Spine 1: Lumbar Spine

Leiden 2012

63. Tumores metastasicos de columna

Lafuente J

SCNCR , Baqueira 2013

64. Adjacente Segment Degeneration: Myth or Reality

Lafuente J

SENEC, San sebastian 2013

Percutaneous Anterior Odontoid screw

65. Lafuente J

EUCMISS, Madrid 2013

66. Vertebroplasty and radiofrequency in spine tumors

Lafuente J

EUCMISS, Madrid 2013

67. Percutaneous Transpedicular screw placement under electro physiologic intraoperative monitorization. Clinical Outcome.

Lafuente J

EANS, Tel Aviv 2013

68. Extramedullary tumours

Lafuente J

EANS Spine 1: Cervical Spine

Leyden 2013

69. Posttraumatic syringomielia

Lafuente J

EANS Spine 2: Cervical Spine

Leyden 2013

70. Neurocirugia Solidaria en Africa. Ayuda desde la EANS.

SENEC , Cadiz 2014

71. Integrated navigation and echography Better tool for localization of deep seated tumours.

24 Avances en Neurocirugia, Ciudad real, 2014

72. Metastatic spinal tumours. What's new.?

Innovations in Spine Surgery. Course for Residents
Alicante 2014
Invited Speaker

73. Anterior Vs posterior approaches in the myelopathic patients

WFNS Spine Section, , Aug 2014
Cartagena de Indias, Colombia
Invited speaker

74. Adjacent Segment degeneration Myth or reality

EANS Annual Meeting
Prague, Oct 2014
Invited speaker

75. Spinal Infections

EANS Annual Meeting
Prague, 2014
Invited speaker

76. Posterior approaches to the cervical spine

EANS Annual Meeting
Prague, 2014
Invited speaker

77. Neuronavigation in Lumbar Spine. Is it truly helpful?

EANS Annual Meeting
Prague, 2014
Invited speaker

78. Adjacent Segment degeneration Myth or reality

WFNS Spine Section
Cartagena de Indias, Colombia
Invited speaker

79. Sacral Tumours

AO Spine Symposium. Spinal Tumour and Infection
Cape Town, Nov 2014
Invited Speaker

80. Bacterial Infections in the spine

AO Spine Symposium. Spinal Tumour and Infection
Cape Town, Nov 2014
Invited Speaker

81. Navegando por el Cerebro. Nuevas Tecnologias

Joint Meeting Andaluza- Catalan Societies
Almeria, March 2015
Invited Speaker

82. Association of APo E with poor outcome following decompressive surgery for cervical spondylotic myelopathy.

BASS
Bath, March 2013
Awarded Best Oral Presentation

83. Lesiones de la Union Craneo Cervical

Curso interdisciplinario de Tumores Raquideos
Valencia Marzo 2015

84. Radiofrequency in Spinal Tumours

EUCMISS
Madrid June 2015
Organizer

85. Craneo vertebral Malformations

Lisbon's hands on Spine Course
Lisbon June 2015
Invited Speaker

86. Fracturas de la chanela Occipito cervical

Masterclass e- raquis Avanzado cervical
Barcelona July 2015
Invited speaker

87. Intramedullary tumours. Diagnosis & Surgical Indications

EANS Spine section
Innsbruck September 2015
Faculty

88. Management of Sacral Chordomas

WFNS Interim meeting
Rome Sept 2015

89. Complex Spine. Case discussion

CNS Luncheon Seminar

New Orleans Oct 2015

Invited Speaker

90. Craneocervical Fractures

Salzburg Spine course

Salzburg, feb 2016

Invited speaker

91. Spinal Metastasis

Salzburg Spine course

Salzburg, feb 2016

Invited speaker

92. Thoracic disc. Management

Neuroraquis

San sebastian march 2016

Invited speaker

93. Management sacral tumours

Colombian society Neurosurgery

Medellin, Co April 2016

Invited speaker

94. Management Sacral chordomas

Global Spine

Dubai, April 2016

Invited speaker

95. Cervical arthroplasties

SENEC (Spanish Society Meeting)

Lisboa Mayo 2016

Invited speaker

96. Bone metabolic disorders

AO Tumour & Inflammatory diseases Module 5

Strasbourg June 2016

Invited speaker

97. Rheumatoid disease Diagnosis & treatment

Strasbourg June 2016

Invited speaker

98. Cervical arthroplasty Facts & Myths

MISS WFNS Spine section

Peru July 2016

Invited speaker

99. Sacral Tumours

MISS WFNS Spine section

Peru July 2016

Invited speaker

100. Spinal Metastasis. Is there anything new??

EANS

Athens , Sept 2016

Invited ISpeaker

101. Management of cranio cervical fractures

SNSS(Serbian Neurosurgical society)

Novi sad , Serbia, Oct 2016

Invited speaker

102. FLANC

Cancun, Mx, Noviembre 2016

Invited speaker

103. Osteotomia cervical

Catalan Society Annual Meeting

BB, Feb 2017

104. Surgical management fractures C0/1/2

AOSPINE Junction to Junction Cervical spine

Co Chairman-

105. C1/2 Fractures. Surgical management

I Craniovertebral junction course. Hands on

Barcelona, March 2017

Co-Chairman

106. Barcelona Cervical intramedullary tumours

AOSPINE Junction to Junction Cervical spine

Co Chairman-

Barcelona, April 2017

- 107. Minipterional approach**
MISBS (Minimally invasive Skull Base surgery)
Chairman
Barcelona, April 2017
- 108. Socliosis surgery Ortho or Neuro?**
AANS
Los Angeles, April 2017
Invited speaker
- 109. Why function preservation is a must paradygm?**
SENEC joint with SBNS & CNS
Co Chairman
Barcelona, May 2017
- 110. Synovial cysts. Better MISS than open?**
EUCMIS 5th course
Co chairman
Madrid, June 2017
- 111. Advantages of Kinevo tools in neurosurgery**
ZEISS KINEVO
Macao, July 2017
Invited speaker
- 112. Cervical osteotomy**
Globus Medical Spine review
Co Chairman
Philadelphia,
- 113. Occipitocervical fixation**
Globus Medical Spine review
Co Chairman
Philadelphia,
- 114. WFNS Congress**
Istambul, August 2017

- 115. Current training in neurosurgery Europe**
FLANC/ CONO SUR congress
Buenos Aires, Sept 2017
Invited speaker
- 116. The rol of Neurosurgery in complex scoliotic cases**
FLANC/ CONO SUR congress
Buenos Aires, Sept 2017
Invited speaker
- 117. Integrated Spinal unit. Ortho Vs Neuro or both.**
EANS Annual Congress
Venezia
Invited Speaker
- 118. Case presentationes cervical pathology**
CSRS train ing course
Barcelona, october 2017
Invited speaker
- 119. Occitito cervical fractures. Management**
SEENS anual meetings
Montenegro, October 2017
Invited speaker

MEETINGS ATTENDED

1. Society of British Neurological Surgeons
Brighton, UK, Sept 1998

2. Society of British Neurological Surgeons

30 Leeds, UK April 1999

- 3. IV Congreso de la sociedad española de Neurocirugía**
Burgos, Spain, May 1999
- 4. V Congreso de la sociedad Española de Neurocirugía,**
Bilbao, Spain May 2000
- 5. Cervical Spine Research Society, XVI Annual Meeting**
London, June 2000
- 6. 50th Congress of Neurological Surgeons,**
San Antonio Texas, USA, Sept 2000
- 7. Society of British Neurological Surgeons**
Wimbledon, London Sept 2001
- 8. 51st Congress of Neurological Surgeons**
San Diego California, USA, Sept 2001
- 9. XVIII Reunión de La Sociedad Española de Neurocirugía Pediátrica.**
Barcelona, España. Oct 2001
- 10. Brit Spine 2002**
Birmingham, UK. Feb 2002
- 11. II Spine Arthroplasty meeting.**
Montpellier, France, May 2002
- 12. SPINE WEEK**
Geneva, 2002
- 13. VII Congreso de la sociedad Española de Neurocirugía**
Santiago de Compostela, España, May 2002
- 14. Cervical Spine Research Society CSRS**
Paris, France June 2002
- 15. Royal Society of Medicine (Neuro Vascular)**
London , Uk, Oct 2002
- 16. Bryan Cervical Disc Replacement Training Course**
Bordeaux, France, Nov 2002

17.I Congreso de la Sociedad e Neurocirugía de la Comunidad Autónoma de Madrid.

Madrid, Spain, Nov 2002

18.British Skull Base Society

London, UK December 2002

19.Advanced Anterior and Posterior Treatment of Cervical Diseases.

Garmish-Partenkirchen, Germany, January 2003.

20.European Skull Base Society

Barcelona , Spain, March 2003

21.Lumbar Prodisc Course

Montpellier, France, March 2003

22.British Neurosurgical Research Group (BNRG)

Cambridge, UK, March 2003

23.Society of British Neurological Surgeons (SBNS)

Belfast, Northern Ireland. UK, April 2004

24.Currents controversies in Anterior Spine Surgery

The Belfry, Sutton Coldfield, Birmingham, May 2003

25.VIII Congreso de la sociedad Española de Neurocirugía

Alicante, España, May 2003

26.Cervical Spine Research Society CSRS

Barcelona, Spain, June 2003

27.European congress of neurosurgery

Lisbon, September 2003

28.North American Spine Society (NASS)

San Diego, California, October 2003

29.SBNS

Oxford, UK. April 2004

30.IX Congreso de la sociedad Española de Neurocirugía

Santander, Spain, May 2004

- 31.IX Portuguese neurosurgical society**
Estoril, Portugal, May 2004
- 32.Cervical Spine Research Society CSRS**
Oporto, Portugal, June 2004
- 33.Eurospine (ESS)**
Barcelona, Sept 2005
- 34.Neuroraquis**
Jerez de la frontera, March 2006
- 35.Sociedad Española de Neurocirugía (SENEC)**
Zaragoza, May 2007
- 36.EANS (Metodología, investigación y publicación)**
Lisboa, Portugal. June 2007
- 37.Federación Mundial de Sociedades Neuroquirurgicas (WFNS)**
Nagoya, Japón. Nov 2007
- 38.EANS (Columna Vertebral 1: Cervical)**
Opatija, Croacia. Dec 2007
Faculty Member
- 39.Sociedad Catalana de NCR**
Baqueira Beret Feb 2008
- 40.Neuroraquis**
Bayona March 2008
Invited Lecturer
- 41.Spine Week**
Ginebra May 2008
Invited Lecturer
- 42.Sociedad Española de Base de Cráneo**
Santander June 2008
- 43.FLANC (Congreso latinoamericano de Neurocirugia)**
Bogotá, Colombia, Oct 2008

- 44.EANS Spine(Columna Vertebral 2: Toraco-lumbar)**
Croacia, Nov 2008
Faculty Member
- 45. 5th European Low Grade Glioma Network Meeting**
Hospital del Mar, Barcelona Jan 2009
- 46. Sociedad Catalana de Neurocirugia**
Baqueira Beret feb 2009
Invited Lecturer
- 47.Neurosurgery and pain management,**
Clinica Quiron Barcelona 2009
Invited Lecturer
- 48.Neuroraquis**
Barcelona, March 2009
- 49.Spine Arthroplasty Society (SAS)**
Londres April 2009
- 50.Curso de base de craneo por endoscopia**
Tarrasa, Barcelona June 2009
- 51.Word Federation Neurosurgical Societies (WFNS)**
Boston Sept 2009
- 52.EANS Spine**
Barcelona Oct 2009
Faculty Member
- 53.Sociedad Catalana de Neurocirugia (SCNCR)**
Baqueira Beret feb 2010
- 54.EANS Training Course. Spine**
Padova, Italy Feb 2010
- 55.SENEC**
Santander , May 2010
- 56.CNS**
San Francisco, Oct 2010

57.EANS Spine

Barcelona Nov 2010

Faculty Member

58.EANS

Newcastle, May 2011

59.SENEC

Madrid , May 2011

60.WFNS Interim Meeting

Recife, Brasil Sept 2011

61.CNS

Washington , Oct 2011

62.EANS

Rome, Oct 2011

63.EANS Spine section

Leiden , Nederlands Nov 2011

Faculty

64.CSN

Barcelona , Spain Feb 2012

Organizer

65.SPINE WEEK

Amsterdam, May 2012

66.SENEC

Canary Islands, May 2012

67.EANS Training Course (Spine)

Leeds, August 2012

Faculty

68.EANS Anual meeting

Bratislava, Oct 2012

69.CODMAN Training Course

Hemostasis

Invited Professor

70.AO Basic Trauma course

Madrid 2012

Invited speaker

71.EANS Spine Section

Leiden, Nov 2012

Faculty

72.SCNCR ,

Baqueira 2013

Chairman, Faculty

73.SENEC,

San sebastian 2013

Invited speaker

74.EUCMISS,

Madrid 2013

Chairman

75.EANS, annual meeting

Tel Aviv 2013

Invited speaker

76. EANS Spine

Leiden

Faculty EANS Spine section

77.EUCMISS,

Barcelona 2014

Chairman

78. SENEC ,

Cadiz 2014

Invited speaker

79. Avances en Neurocirugia,

Ciudad real, 2014

Invited speaker

Cartagena de Indias, Colombia
Faculty Aug 2014

81.EANS Annual Meeting

Prague, Oct 2014
Invited speaker

82.Innovations in Spine Surgery. Course for Residents

Alicante Oct 2014
Invited Speaker

83.AO Spine Advanced Course

Cape Town Oct 2014
Invited Speaker

84. Reunion Andaluza- catalana NCR

Almeria March 2015
Invited speaker

85. BASS

Bath, UK, March 2015

86.Curso interdisciplinario de Tumores Raquideos

Valencia March 2015

87.EUCMISS

Madrid June 2015
Organizer

88.Lisbon´s Hand son Spine Course

Lisbon June 2015
Invited Speaker

89.E- Raquis Avanzado Cervical

Barcelona July 2015
Faculty

90.EANS Spine section

Innsbruck, Sept 2015
Faculty

91.WFNS Interim Meeting

37Rome, Sept 2015

92.CNS

New Orleans , Sept 2015

Invited Speaker

93.Spine & Peripheral nerve course

Salzburg, feb 2016

Invited Speaker

94.Neuroraquis

San Sebastian march 2016

Invited speaker

95.Colombian Society Of Neurosurgery

Medellin, Co, april 2016

Invited speaker

96.Global Spine annual Congress

Dubai, UE April 2016

Invited speaker

97.SBNS

Newcastle, April 2016

Invited speaker

98.SEBAC (Spanish Skull base annual meeting)

Barcelona Spain 2016

Organizing committee

99.SENEC

Lisboa, May 2016

Invited speaker

1. **GEER**

Toledo, June 2016

100. AO Tumour Module

Strasbourg June 2016

Invited speaker

101. WFNS Spine Section

Cuzco, Peru July 2016

Invited speaker

- 102. EANS annual meeting**
Athens September 2016
Invited speaker
- 103. CNS**
San Diego, US October 2016
- 104. SEENS Croatian Annual Meeting**
Belgrade, October 2016
Invited speaker
- 105. FLANC**
Cancun, Mx, Noviembre 2016
Invited speaker
- 106. Catalan Society Annual Meeting**
Chairman
BB, Feb 2017
- 107. I Craniovertebral junction course. Hands on**
Barcelona, March 2017
Co-Chairman
- 108. AOSPINE Junction to Junction Cervical spine**
Co Chairman-
Barcelona, April 2017
- 109. MISBS (Minimally invasive Skull Base surgery)**
Chairman
Barcelona, April 2017
- 110. AANS**
Los Angeles, April 2017
Invited speaker
- 111. ICH World Congress**
Baltimore, May 2017
- 112. SENEC joint with SBNS & CNS**
Co Chairman
Barcelona, May 2017

- 113. 20th anniversary of Endoscopic surgery**
Naples, may 2017
Invited speaker

- 114. EUCMIS 5th course**
Co chairman
Madrid, June 2017

- 115. ZEISS KINEVO launch**
Macao, July 2017
Invited speaker

- 116. Globus Medical Spine review**
Co Chairman
Philadelphia,

- 117. WFNS Congress**
Istambul, August 2017
Invited Speaker

- 118. EANS Training Course**
Local Co-Chairman
Seville, Sept 2017

- 119. FLANC/ CONO SUR congress**
Buenos Aires, Sept 2017
Invited speaker

- 120. EANS Annual Congress**
Venezia
Invited Speaker

- 121. CSRS training course**
Barcelona, october 2017
Invited speaker

- 122. SEENS annual meetings**
Montenegro, October 2017
Invited speaker

TEACHING COURSES (43 courses until January 2018)

During my training at NHNN, I did my PhD in The Bryan disc, the first mobile device to substitute the removed cervical disc. As a result of this training with Vince Bryan, I had the opportunity of writing my PhD thesis and becoming a consultant for MEDTRONIC, so I could teach the Bryan surgical technique. As a result I did organize 10 training courses in the Bryan disc worldwide as experienced surgeon. (1-10)

- 1. Bryan Cervical Disc Replacement Training Course
Chairman**
Barcelona, Spain, Oct 2002
- 2. Bryan Cervical Disc Replacement Training Course
Chairman**
Guadalajara, Mexico, Dec 2002.
- 3. Bryan Cervical Disc Replacement Training Course
Chairman**
London, UK Jan 2002.
- 4. Bryan Cervical Disc Replacement Training Course
Chairman**
Madrid, Spain 31st March 2003
- 5. Bryan Cervical Disc Replacement Training Course
Chairman**
Madrid, Spain 9-10th May 2003
- 6. Bryan Cervical Disc Replacement Training Course
Chairman**
Bilbao, Spain 8-9th June 2003
- 7. Bryan Cervical Disc Replacement Training Course**
CSRS, Barcelona, Spain 18-20 June 2003
- 8. Bryan Cervical Disc Replacement Training Course
Chairman**
Amann, Jordan December 2003

- 9. Bryan Cervical Disc Replacement Training Course**
Chairman
Coimbra, Portugal 21- February 2004
- 10. Bryan Cervical Disc Replacement Training Course**
Chairman
London, UK February 2004
- 11. EANS Spine section (part I)**
Chairman
Barcelona, 2009
- 12. EANS Spine section (part 2)**
Chairman
Barcelona, 2010
- 13. Winter Meeting Catalan Society of Neurosurgery**
Chairman
Baqueira Beret 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018
- 14. EUCMISS (European Minimally Invasive Spine Course)**
Chairman
Madrid in 2013, Barcelona 2014, Madrid 2015., Barcelona 2016, Madrid 2017
- 15. EANS Training Course (Spine)**
Chairman
Barcelona 2014
- 16. AO Spine Basic Course (Cervical Spine)**
Chairman
Barcelona 2014,
- 17. Actualizacion de Cirugia de Raquis: XLIF techniques.**
Co Chairman
Barcelona 2014
- 18. Actualizacion de Cirugia de Raquis: Osteotomia Lumbar**
Co Chairman
Barcelona 2015
- 19. EANS Annual Meeting**
Co-Chairman

**20. SEBAC (skull base Spanish society meeting)
Barcelona, April 2016**

**21. I Craneocervical junction hands on course
Co chairman
Barcelona , march 2017**

**22. EXAMINATION EANS BOARD
Co Chairman
Prague , March 2016**

**23. AO SPINE course Junction to Junction Cervical Spine
Chairman
Barcelona April 2017**

**24. MISBS (Minimally invasive Skull Base surgery)
Co Chairman
Barcelona , April 2017**

**25. SENECS (Combined SENECS, SBNS, CNS)
Co Chairman
Barcelona , May 2017**

**26. EANS Training Course
Co Chairman
Seville, Sept 2017**

**27. GLOBUS Medical Spine meetings
Co Chairman
Philadelphia, August 2017**