

ALLEGATO A

IAVANTE
CONSEJERÍA DE SALUDIntegral approach to the degenerative
and osteoporotic pathologyIAVANTE Consejería de Salud - Parque Tecnológico Ciencias de la Salud
Avda. de la Ciencia, s/n - 18100 Armilla. Granada. España

16-18 Giugno 2011

Hours: 18**Number of participants:** 50 italiani + 30 spagnoli

General Objective: through an approach especially with training character, to the emergent problem of the spine degenerative processes (included the secondary to osteoporosis) we assign as objective an understanding of the doctor of all the therapeutically possibilities over this pathology from a perspective of minimum invasion and with a maximum security for the patient.

Contents: Problem description

Exposition Sessions over different aspects of the osteoporotic and degenerative clinic

- Workshop over corpse model
- Workshop Virtual endoscopic simulation
- Workshop robotic basic simulation
- Workshop minimal invasive surgical
- Workshop with DaVinci robot basic training.

Aim & format of the Course

The course will aim to discuss the principles of management of aging spine and hip and femora, including pharmacological management of osteoporosis, physical therapy treatment, surgical procedures, indications for surgery for different spine and bone pathologies, appropriate investigations for each surgical procedure, planning of surgery along with live demonstration of surgical procedures. Special efforts would be taken not to emphasise specific company products. The surgeries would be performed by distinguished faculty members known for their expertise in the specific fields and would provide step-by-step commentary and tips to obtain the best results and avoid complications. The cadaver lab will allow the participants to practice the percutaneous, endoscopic and robotic (da vinci) surgical techniques.

At the conclusion of this symposium, the participant should be able to:

- identify the demographics of spinal and bone disease and of the aging population;
- describe the pathophysiology of spinal instability and aging to include primary bone pathology and secondary illnesses;
- recognize how aging will affect surgical treatment .
- discuss current and future treatment options for spinal and hip disease in an aging population.

Organisers

The local organizer is Foundation IAVANTE.

Course Format

The course will mainly concentrate on operative sessions. However, there will be adequate short lectures, discussions and planning sessions which cover the necessary theoretical background of the surgical procedures. We are confident that this will be a unique and very successful event.

Course Highlights

Socioeconomic problem of the osteoporosis.- It will emphasize the demographic problems of spinal disease and hip disease on aging population. Not only from the vertebral fractures and hip/femur fractures, but also from the degenerative problems that demands innovative solution. Also include the economical and social condition and problem that causes the undertreatment of these patients.

Vertebral augmentation techniques. It will include the surgical lindications in the management of spinal fractures and degenerative disorders. It will be discuss different technical aspects as well as the pit falls, tricks, tips and pearls, and special indications. The faculty has a wide and long experience, so they will discuss with the participant different clinical cases.

Open procedures. Open surgery in these patients is a high demanding procedure, nor only for the characteristics of the patients, but also because the low quality of the bone, The indications, complication and the innovate new technique used, such as the cemented screws, will be explained. Based on several clinical cases the participants will understand the indications and limitations of these procedures

Programma

**Integral approach to the degenerative
and osteoporotic pathology**

IHAVANTE Consejería de Salud - Parque Tecnológico Ciencias de la Salud
Avda. de la Ciencia, s/n - 18100 Armilla. Granada. España

16-18 Giugno 2011

Day 1 – Thursday June 16th 2011

- 16.00 Presentation of Iavante Foundation and introduction to the Course
Dr. José Manuel Sanchez Carrion
- 17.00 La gestione del paziente osteoporotico: dalla diagnosi al trattamento mirato ad una compliance ottimale - Dr. Luca Dalle Carbonare
- 18.00 Utilizzo dei FANS per via topica nell'artrosi e negli esiti dolorosi delle fratture dell'arto inferiore Review letteratura - Casi clinici - Dr. Luca Dalle Carbonare
- 19.00 Interactive discussion: the Expert answers - Dr. José Manuel Sanchez Carrion
Dr. Luca Dalle Carbonare
- 20.00 Closing session

Day 2 – Friday June 17th 2011

- 08.30 Recepción e identificación
- 09:00 Speech Welcome and opening of the course "Acute Vertebral Pathology" Master Class
Dr. Ventura Arjona Morón Prestigious Gold Medal of Andalusia
- 09:45 Speech Hip osteoporotic fracture. Is there a better therapeutics? - Dr. José Luis Garrido
- 10:30 Coffee-break

11:00 Rotatory Workshops

Workshop 1 – Cadaver Lab - Dr. Antonio Luis Pérez Abela
Endoscopic approach of vertebral raquis - Rotating Groups of 8 pax

Workshop 2 – Robotic Workshop - Dr. José Luis Garrido & Dr. Jose Miguel Labrador Molina
Basic exercises and training of endoscopic triangulation and domain of camera – Model Pelvitrainer Rotating Groups of 8 pax

Workshop 3 Cadaver Lab – Dr. José Luis Garrido & Dr. Jesús López Morcillo
Minimun invasion Hip Surgery Rotating Groups of 8 pax

Workshop 4 – Robotic Workshop – Dr. Jose Miguel Labrador Molina

Simulation of virtual endoscopic surgery - Rotating Groups of 4 pax

Guided visit to the center with live demonstration on robots Ivan Herrera – Program Technician of lavante Foundation

14:00 Lunch

15.00 Clinical case presentation

16.00 Interactive discussion – works in group

17.00 Closing

Day 3 – Saturday, June 18th 2011

09:00 Post- surgery of the raquis sindrom - Dr. Miguel Ángel Arraez Sánchez

09:45 Is it useful the rehabilitation after an osteoporotic fracture? Dra. María Auxiliadora Fuentes Ellauri

10:30 Coffee-break

10:45 Change to medical clothes

11:00 Rotatory Workshops

Workshop 1 – Robotic Workshop - Dr. Jesús López Morcillo Infiltrations over model Fantomas with electric answer (shoulder, foot, knee and hip) - Rotating Groups of 8 pax

Workshop 2 – Cadaver Lab - Dr. Antonio Luis Pérez Abela Robotic approach in the vertebrotracica surgery
Rotating Groups of 8 pax

Workshop 3 - Robotic Workshop- Dr. José Luis Garrido
Basic exercises and training of endoscopic triangulation and domain of camera – Model Pelvitrainer
Rotating Groups of 8 pax

Workshop 4 - Robotic Workshop – Dr. Jose Miguel Labrador Molina
Virtual simulation in endoscopic surgery - Rotating Groups of 4 pax

Guided visit to the center with live demonstration on robots Ivan Herrera – Program Technician of lavante Foundation

14:00 Lunch

15.00 Clinical case presentation

16.00 Interactive discussion – works in group

17.00 Closing

Course Faculty

The course will be in charge of high qualified doctor on the field of the ortopedia and osteoporosis and with high scientific objectives.

DR. JOSÉ MANUEL SANCHEZ CARRION

Manager of the surgical area of lavante Foundation and Scientific Manager of the Master Course proposed.

Head of neuroanaesthesia and neuroresuscitation.

Manager of the clinic unit of anaesthesiology, resuscitation and clinic of pain of the the University Hospital Virgen de las Nieves.

Ex-manager of the service of the critics cares Unit in the Clinic Inmaculada Concepcion. Granada

DR. VENTURA ARJONA MORON

Doctor of Medicine. Specialist in Neurosurgery.

Head of the Neurosurgery Service of the Virgen de las Nieves Hospital. Granada.

Professor emeritus of Regional Health Ministry of the Andalusian Government.

Gold Medal of Andalusia as one of the most prestigious Neurosurgeons of Europe.

Dr. Ventura Arjona Moron studied at Cadiz and Sevilla University Medical Schools, and completed his training in neurosurgery in Newcastle, Paris, Zurich, Stockholm, Mainz and Harvard.

During 32 years headed the Service of Neurosurgery at Virgen de las Nieves Hospital in Granada, he has been a pioneer in Europe to introduce into Neurosurgery microsurgical techniques now being applied in all services of this specialty and where he participated in two studies over 'Surgical treatment of Parkinson's' and 'Surgery for Epilepsy '.

Author of more than 65 works is editor and member of the editorial board of several publications, author of papers, communications or master conferences in over a hundred meetings and member of eleven medical and scientific societies.

Advanced studies in microsurgery in Kantonspital and Zurich University, Estereotáctic Surgery in the Hospital Karolinska on Stockolm, Radiosurgery in the Bringham Hospital and Lahey Clinic of Harvard University and in Neuroendoscopia in Mainz University.

He has held, among other charges, the Presidency of the Spanish Society of Neurosurgery (1996-1999) and Delegate of Spain by the World Society of Neurosurgery (1979-2005).

DR. ANTONIO PÉREZ ABELA

Doctor in Ortopedia Surgery and Traumatology in the University Hospital Virgen de las Nieves (Granada)

Specialist in Ortopedic Surgery and Traumatology

Reference Doctor of the Spine Unit of the area of Ortopedic Surgery and Traumatology

Coordinator of the of Ortopedic Surgery and Traumatology movil team in the Hospital University “ Ciudad de Jaén “

Doctor in Medicine and Surgery by the University of Granada

Member of SATO (Andalusian Society of Ortopedia and Traumatology)

Member of AO Spain Foundation

Member of the Society of Study of the Spine Pathology (Spain)

Author of multiples scientific publications in the area of knowledge of Ortopedic Surgery and Traumatology

DR. MIGUEL ÁNGEL ARRÁEZ SÁNCHEZ

Doctor and Proffesor in Medicine and Surgery

Specialist in Neurosurgery

Responsible of cranium base of the University Hospital Virgen de las Nieves (Granada)

Head of the service of Neurosurgery in Hospital Carlos Haya (Malaga)
Professor University of Malaga. Department of surgery.
Professor University of Seville
Full member of the Royal Medicine Academy of Andalucía
Treasurer of the World Society of Neurosurgery
Member of the national committee of Neurosurgery speciality
Author of more that 100 articles and conferences over neurosurgery

DR. JOSE MIGUEL LABRADOR MOLINA

Doctor of Medicine. Specializing in Plastic and Restorative Surgery.
Staff of the Plastic Surgery Service of the Virgen de las Nieves Hospital.
Staff of the Hand Surgery and Microsurgery Unit.
Associate professor at the Granada University Medical School.

DR. JESÚS LOPEZ MORCILLO

Ex- Head of service of Ortopedia surgery in the University Hospital Virgen de las Nieves
Health manager of Hospital San Juan De Dios

DRA. MARÍA AUXILIADORA FUENTES ELLAURI

Head of the section of Rehabilitation, unit bone-marrow damages in the University Hospital Virgen de las Nieves.
President of the organising committee of Spanish Society of Paraplegia.
Responsible of the bone-marrow injured unit University Hospital Virgen de las Nieves.
Member of the tribunal of selection and evaluation for competences for rehabilitation of lavante Foundation

DR. JOSÉ LUIS GARRIDO PEREIRO

Licenciado en Medicina y Cirugía por la Universidad de Málaga en 1992, con la calificación final de aprobado.
Superación de la prueba selectiva M.I.R. en la convocatoria de 1993, con el número ordinal 1907.
Especialidad en Traumatología y Cirugía Ortopédica desarrollada en el Hospital General Básico de la Serranía (Ronda) desde 1994 hasta 1998.
Suficiencia Investigadora, expedida por la Universidad de Málaga el 17/9/1997.
Ciclo Elemental de inglés en la Escuela Oficial de Idiomas de Ronda.
Miembro de la Sociedad Española de Cirugía Ortopédica y Traumatología.
Miembro de la Asociación Española de Artroscopia.
Colaboración en la Clínica Ntra. Sra. del Pilar de Málaga desde Enero hasta Junio de 1993, con experiencia en Traumatología, Cirugía Plástica y Geriatria.
Rotación de 1 año de duración por el Servicio de Cirugía del Hospital General Básico de la Serranía (Ronda) en 1994.
Rotación de 6 semanas por el Servicio de Cirugía Cardiovascular del Hospital Clínico Universitario Virgen de la Victoria de Málaga durante los meses de Octubre y Noviembre de 1994.
Rotación de 12 semanas por el Servicio de Anestesia del Hospital General Básico de la Serranía (Ronda), durante los meses de Enero, Febrero y Marzo de 1995.
Rotación de 10 semanas por el Servicio de Cirugía Plástica del Hospital Regional Carlos Haya de Málaga, durante los meses de Octubre, Noviembre y Diciembre de 1995.
Rotación de 8 semanas por la Unidad de Cirugía del Raquis del Servicio de Traumatología y Cirugía Ortopédica del Hospital Regional Carlos Haya de Málaga, durante los meses de Febrero y Marzo de 1998.
Rotación de 12 semanas por la Unidad de Traumatología y Cirugía Ortopédica Infantil del Hospital Regional Carlos Haya de Málaga, durante los meses de Abril, Mayo y Junio de 1998.
Facultativo Especialista de Área de Traumatología y Cirugía Ortopédica en el Hospital de la Serranía (Ronda), desde 15/01/1999 hasta el 28/02/2007, con experiencia en el tratamiento de toda la patología incluida en la

Cartera de Servicios de dicho Hospital, que incluye tratamiento quirúrgico de patología compresiva de ráquis lumbar y cervical, así como experiencia específica en el tratamiento quirúrgico artroscópico tanto de rodilla (patología meniscal, rotuliana, condral, sinovial, fracturas articulares y ligamentoplastias), como de hombro (patología subacromial, manguito de los rotadores, inestabilidades, tendinopatías del bíceps, patología acromioclavicular).

Facultativo Especialista de Área de Traumatología y Cirugía Ortopédica en el Hospital Universitario “San Cecilio” de Granada desde el 1/3/2008, hasta el 6/4/2010, con especial dedicación a traumatología, cirugía artroscópica de rodilla, hombro y tobillo, cirugía mínimamente invasiva del pie, así como a la patología infecciosa y tumoral musculoesquelética.

Facultativo Especialista en Cirugía Ortopédica y Traumatología en el Hospital San Rafael de Granada desde el 6/4/2010 hasta la actualidad.