

Curriculum Vitae prof. dr. Philippe Lauweryns

PERSONAL INFORMATION :

Name : LAUWERYNS Philippe, Jean, Marie, Ernest
Place and date of birth : Leuven, Belgium 12-04-1966
Nationality : Belgian
Marital state : Married
Wife : Delvaux Sigrun
Children : Charlotte (°10-01-1997), Emilie (°11-05-1999),
Gilles (°31-01-2008)

PRESENT APPOINTMENT (since 01/09/2008)

Clinical practice

Orthopaedic surgeon. M.D., Ph.D.
Specialty : Spinal surgeon
Department of Orthopaedic Surgery
Regionaal Ziekenhuis Sint-Trudo
Diestersteenweg 100
3800 Sint-Truiden
Belgium
E- mail: philippe.lauweryns@rzst.be
Tel: 00 32 11 69 94 52

Academic appointment

Professor of Orthopaedic Surgery
Faculty of Medicine, Department of Morphology
University Hasselt
Campus Diepenbeek
Agoralaan, Gebouw D
3590 Diepenbeek
Belgium
E-mail: philippe.lauweryns@uhasselt.be

PREVIOUS APPOINTMENT

Head of the dept. of Spinal Surgery, Dept. of Orthopaedics, Univ.Hosp.Cath.Univ. Leuven,
1 Weligerveld, 3212 Pellenberg (Belgium) (01/08/1997 – 31/08/2008)
(Head of the department of orthopaedics: Prof. Dr. J. Bellemans)
Tel: 00 32 16338827

Academic appointments, Catholic University of Leuven, Belgium:

- Professor of Anatomy, Faculteit Bewegings- en Revalidatie wetenschappen (FaBeR), Tervuursevest, Leuven
- Professor of Orthopaedic Surgery, Faculty of Medicine, Minderbroedersstraat 17, Leuven:
 - * *Ontleedkunde van het menselijk lichaam, theorie. Enige kandidatuur in de lichamelijke opvoeding. (2 jaaruren) (FaBeR) (since 01/10/2000)*
 - * *Probleem – georiënteerde klinieken in de heekundige disciplines. 4e jaar arts. (0,23 jaaruren)(Fac. Geneesk.) (since 01/10/2000)*
 - * *Functionele anatomie. 1e B. in de lichamelijke opvoeding en de bewegingswetenschappen. (1,5 jaaruren)(FaBeR) (since 01/10/2000)*
 - * *Thema onderwijs. 1e jaar arts. (0,08 jaaruren)(Fac. Geensk.) (since 01/10/2005)*
Axiale pathologie: Hoorcollege 18+19 / Klinisch college KL 9 en KL 10
 - * *Ontleedkunde van het menselijk lichaam, demonstraties. 1e B in de lichamelijke opvoeding. (0,25 jaaruren)(FaBeR)(since 01/10/2000)*

Eindtotaal: 4,06 jaaruren

- * *Keuzetopics 'Heelkunde van de wervelkolom'. 1e jaar arts (Fac Geneesk)*
- * *Postgraduaat Cursus voor Verpleegkundigen – orthopedie. Les over de wervelkolom*
- * *Lector Nationale Bijscholingscursus Orthopedie (Basiscursus Orthopedie GSO): Axiale pathologie*

EDUCATION :

- Primary and Secondary School : Sint-Jozefinstituut (Primary School)
Waversebaan
3001 Heverlee
- Sint-Albertuscollege (Secondary School)
Geldenaaksebaan
3001 Haasrode

1972-1978 : Primary School
1978-1984 : Secondary School
Section : Latin-Mathematics

- University Studies :

Katholieke Universiteit Leuven - Faculty of Medicine

1984-1985 : First Candidature Medicine - July - Cum Laude
1985-1986 : Second Candidature Medicine - July - Summa Cum Laude
1986-1987 : Third Candidature Medicine - July - Summa Cum Laude, with
congratulations of the jury
1987-1988 : First Doctorate Medicine - July - Summa Cum Laude
1988-1989 : Second Doctorate Medicine - July - Magna Cum Laude
1989-1990 : Third Doctorate Medicine - July - Summa Cum Laude
1990-1991 : Fourth Doctorate Medicine - July - Summa Cum Laude
Obtention of the official degree of
"Doctor of Medicine, Surgery and Obstetrics" (Conferred June 1991)

MEDICAL AND SURGICAL EXPERIENCE :

- 1989-1990 : Third Doctorate of Medicine :

1989 : July - October : Surgical House Officer :

Dir. : Dr. V. Nolens

Virga Jesse Ziekenhuis - Stadsomvaart
3500 - Hasselt

Rotations between the department of general surgery,
gastroenterology, vascular surgery, traumatology,
orthopedic surgery and thoracic surgery.

Degree : AAA (18 or more on 20)

1989 : November - December : Pediatric House Officer :

Dir. : Prof. Dr. E. Eggermont

University Hospital Gasthuisberg
Herestraat, Leuven - Belgium

Rotations between the in- and outdoor department.

Degree : AA (16 or more on 20)

1990 : January -February : House Officer in Obstetrics and Gynecology :

Dir. : Prof. A. Van Assche

University Hospital Gasthuisberg
Herestraat, Leuven - Belgium

In- and outpatient department, surgical department.

Degree : AA (16 or more on 20)

1990 : March - June : Medical House Officer :

Dir. : Prof. Dr. E. Coche

University Clinics - Saint-Luc
Woluwe - Brussels - Belgium

Rotations between the department of General Internal
Medicine, Cardiology, Rheumatology, Gastroenterology,
Pneumology, Endocrinology.

Degree : AA (16 or more on 20)

Also House Officer assignments for short periods in :

Intensive Care Department, Neonatology, Radiology, Emergency Department.

- 1990-1991 : Fourth Doctorate of Medicine :

House Officer in Orthopedics

University Hospital Pellenberg
University Hospital Gasthuisberg
University Hospital Sint-Pieter
Leuven - Belgium

Rotations on the departments of
 Orthopedics (Prof. Dr. G. Fabry)
 Traumatology (Prof. Dr. P. Broos)
 Emergency Dept. (Prof. Dr. P. Broos)
 General and Abdominal Surgery (Prof. Dr. J. Gruwez)

- 1991 - 1997 :

Resident in orthopedics

Full-time assignment for a six year period.

Coordinating Chairman : Prof. Dr. G. Fabry
 Department of Orthopedics
 Katholieke Universiteit Leuven
 University Hospital Pellenberg
 Weligerveld 1
 Pellenberg - Belgium
 Phone : 00 32 16 338800
 Fax : 00 32 16 338824

- 1/8/91 - 31/7/92 : First Year
 1/8/92 - 31/7/93 : Second Year

Resident in General Surgery
 Regionaal Ziekenhuis Sint-Trudo
 Campus Sint-Jozef
 Diestersteenweg 100
 3800 Sint-Truiden - Belgium

Dir. : Dr. E. Nolens

Rotations on the departments of general surgery, abdominal surgery,
 traumatology, emergency surgery, vascular and thoracic surgery,
 orthopedic surgery.

- 1/8/93 - 31/7/94 : Third Year
 - 1/8/94 - 31/7/95 : Fourth Year

Resident in Orthopedic Surgery
 University Hospital Pellenberg
 Weligerveld 1
 Pellenberg (Leuven) - Belgium

Dir. : Prof. Dr. G. Fabry

Rotations on the departments of orthopedic Surgery
 (Prof. Dr. G. Fabry) and traumatology (Prof. Dr. P. Broos).

- 1/8/95 - 31/7/96 : Fifth year

Spinal Fellowship

Princess Elizabeth Orthopaedic Hospital
Wonford Road
Exeter (Devon) - England

Dir. : Mr. C.R. Weatherley

- 1/8/96 - 31/7/97 : Sixth year

Resident in Orthopaedic Surgery

University Hospital Pellenberg
Weligerveld 1
Pellenberg (Leuven) - Belgium
Dir. Prof. Dr. G. Fabry

Further training in spinal surgery with Dr AD Steffee (Cleveland, Ohio), Prof Dr H. Yuan (State University New York, Syracuse, New York), Dr P Metz-Stavenhagen (Bad Wildungen, Germany), Mr. J. O'Brien (London)

PUBLICATIONS :

“Niet-traumatische rotatie-afwijkingen van de onderste ledematen bij het kind. Niet altijd een onschuldig probleem”.

Lammens J., Moens P., Lauweryns P., Molenaers G., Fabry G.
Tijdschrift voor Geneeskunde, 51 : 12 pp. 865-870 (1995).

“Posterior Lumbar Interbody Fusion for severe Back Pain : Grafting Techniques and Results”

P. Lauweryns, C.R. Weatherley
The Journal of Bone and Joint Surgery, Vol 79-B, 1997. (Orthop. Proc. Suppl. I p.111).

“A medical image-based drill guide for pedicle screw insertion: results of a cadaver study and three clinical trials”.

Van Brussel K., Lauweryns P., Vander Sloten J., Van Audekercke R., Fabry G., Wouters K., Swaelens B.

Phidias: Rapid Prototyping in Medicine, No.3, December 1999, pp. 14-16.

“Evaluation of medical image based drilling templates for applications in lumbar and cervical spine surgery”

Van Brussel K., Goffin J., Vanden Berghe L., Lauweryns P., Vander Sloten J., Van Audekercke R., Smet M.-H., Marchal G., Vancaen W., Swaelens B.,
Computer Assisted Radiology and Surgery '98, Ed. Lemke, Vannier, Inamura and Farman, p. 912.

“Medical image based drill guides can achieve a sub-millimeter accuracy in pedicle screw placement : a clinical study”

Van Brussel K., Lauweryns P., Vander Sloten J., Van Audekercke R., Fabry G., Vancaen W.
Proc. Fifth Conference of the European Society for Engineering and Medicine, Barcelona, Spain, May 30-June 2, 1999, pp. 49-51.

“A medical image based drill guide for pedicle screw insertion: a cadaver study”

Van Brussel K., Vander Sloten J., Van Audekercke R., Vanden Berghe L., Lauweryns P., Fabry G., Swaelens B.

J. Biomechanics, Vol. 31, Supp. 1, Book of Abstracts 11th Conference of the European Society of Biomechanics, Toulouse, 1998, p. 39.

“Custom made image based drilling templates for pedicle screw insertion in the lumbar spine”

Lauweryns P., Van Brussel K., Vander Sloten J., Van Audekercke R., Vanden Berghe L., Fabry G., Vancraen W.

66th Annual Meeting Proceedings, American Academy of Orthopaedic Surgeons, Anaheim, CA, February 4-8, 1999, p. 136.

“Strategieen in de behandeling van lage rugpijn”

Lauweryns P, Lysens R, Morlion B, Fabry G
Farmasfeer, Sept 2000, pp. 7-8.

“Strategieen in de behandeling van lage rugpijn”

Lauweryns P, Lysens R, Morlion B, Fabry G
Medisfeer, Nov 2000.

“Stenosis with instability: when to fuse?”

Lauweryns P, Fabry G.

Book of abstracts, 28th Annual Meeting of the Spine, Hellenic Association of Orthopaedic Surgery and Traumatology. Heraklion, Greece, 2002.

State of the Art: “Indicaties voor arthrodesse van de lumbale wervelkolom”

Lauweryns P, Wierinckx J, Fabry G

Tijdschrift voor Geneeskunde, 59 nr.13, July 2003, pp. 835-843

“Vastzetten van rugwervels tegen rugpijn? Voorzichtigheid is de regel”

Lauweryns P.

UZ Gezondheidsbrief, 147, December 2003, pp.1-5

“An unusual non-traumatic atlantoaxial subluxation in an adult patient: Grisel’s syndrome”

Corluy L, Pison L, Lauweryns P, Samson I, Westhovens R

Clinical Rheumatology, 23 (2), april 2004, pp. 182-83

“Removal of Painful Interbody Fusion Cages: Strategy, Findings and Results”

Hoste DF, Lauweryns P, Fabry G

Book of Abstracts, 2004 Annual Meeting of the Spine Society of Europe within SpineWeek 2004, Porto, Portugal, May 30- June 5, 2004

“Treatment of high-grade spondylolisthesis by posterior lumbosacral transfixation with transdiscal screws: surgical technique and preliminary results in four cases”

François J, Lauweryns P, Fabry G
Acta Orthopaedica Belgica 2005 Jun 71 (3): 334-41.

“Flexicore Total Disc Arthroplasty”

Lauweryns P.
Book of Abstracts, XII th Brussels International Spine Symposium ‘Non-fusion Technologies in Spinal Surgery’, November 18-19, 2005

“State-of-the-Art: Monosegmentaire posterieure lumbale interbody fusie”

François J, Lauweryns P, Fabry G
Tijdschrift voor Geneeskunde 62, 10, May 15 (2006)

“Defect coverag at the spine region: possibilities and results”

Hierner R, De Wever I, Stass M, Stuyck J, Goffin J, Lauweryns P, Moens P
European Spine Journal, Vol 15, Number 10/October (2006)

“Conservative Treatment of Cervical Spine Injuries”

Lauweryns P.
Book of Abstracts, XIII th Brussels International Spine Symposium ‘Fractures of the Spine, Tumors in the Spine’, November 17-18, 2006

“Early Removal of a Maverick disc prosthesis: surgical findings and morphological changes”

François J, Coessens R, Lauweryns P
Acta Orthop Belg 73, 122-127 (2007)

“Carbon Cage Reconstruction after Cervical Corpectomy for advanced cervical spondylosis: a retrospective multicentric study”

Vermeersch G, Lauweryns P, Person H, Laloux E
Book of Abstracts, 23rd Annual Meeting of the Cervical Spine Research Society (European Section), Leuven, 30th May- 1st June, 2007

“Traumatic lumbar pedicle fracture associated with pre-existing bilateral spondylolysis and anterolisthesis in a professional soccer player”

Van der Heijden C, Claerbout M, Peers K, Lauweryns P
J of Back and Musculoskeletal Rehabilitation 20, 1-4 (2007)

“Nucleus Replacement with the Dascor Disc Arthroplasty Device”

Ahrens M, Tsantrizos A, Donkersloot P, Martens F, Lauweryns P, Le Huec JC, Moszko S, Fekete Z, Sherman J, Yuan HA, Halm H.
Spine 34 (13), 1376-84 (2009)

“Role of Conservative Treatment of Cervical Spine Injuries”

P. Lauweryns
European Spine Journal, (2009), DOI 10.1007/s00586-009-1116-4

“Role of Conservative Treatment of Cervical Spine Injuries”

P. Lauweryns

European Spine Journal 19 (suppl 1): S23- S26 (2010)

“P-15 Bone Substitute in Lumbar Interbody Fusion: Basic Science applied in spinal surgery”

P. Lauweryns

Book of Abstracts, p 41, 40th Malaysian Orthopaedic Association Annual General Meeting, 20-25 May, 2010

CHAPTERS IN BOOKS:

“Anterior lumbar intersomatic arthrodesis assisted by videoscapy” (chapter n° 27)(13pp)

P. Lauweryns, G. Fabry

In: Surgical Techniques in Orthopaedics and Traumatology, Editions Elsevier, Paris
 Edited by EFORT (European Federation of National Associations of Orthopaedics and Traumatology)

“Design and Surgical Technique of the Flexicore Lumbar Artificial Disc”

P. Lauweryns

In: Non-fusion Technologies in Spine Surgery, Szpalski M., Gunzburg R (chapter 22)

“Conservative Treatment of Cervical Spine Injuries”

P. Lauweryns

In: Fractures of the Spine, and Tumors in the Spine. Szpalski M, Gunzburg R (in press)

POSTER EXHIBIT:

“Custom-made image-based drilling templates for pedicle screw insertion in the lumbar spine.”

P. Lauweryns, K. Van Brussel, J. Vander Sloten, R. Van Audekercke, L. Vanden Berghe, G. Fabry, W. Vancraen.

Presented at the 66th Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS), Anaheim (CA), 22-26/2/1999.

“Custom-made image-based drilling templates for pedicle screw insertion in the lumbar spine.”

P. Lauweryns, K. Van Brussel, J. Vander Sloten, R. Van Audekercke, L. Vanden Berghe, G. Fabry, W. Vancraen.

Presented at Eurospine, 2000 Annual Meeting of the Spine Society of Europe, Antwerp, 10-13/10/2000.

“Effectiveness of the carbon composite cage in cervical corpectomy. Retrospective analysis of 50 cases”

H. Person, R. Seizeur, E. Laloux, P. Lauweryns, A. Linge

Presented at the Cervical Spine Research Society (European Section), Spine Week 2004, May 30- June 5, Porto, Portugal, 2004

“Lumbar sagittal alignment after instrumented posterior lumbar interbody fusion: PLIF vs TLIF”

J. François, B. Zachee, P. Lauweryns

Presented at Eurospine, Brussels (B), October 2-6, 2007-10-11

“Radiographic results of nucleus replacement using the Dascor disc arthroplasty system: results from two prospective multi-center European studies”

M. Ahrens, P. Donkersloot, F. Martens, P. Lauweryns, Z. Fekete, U. Liljenqvist, PP. Varga, A. Tsantrizos, H. Halm, JC. Le Huec

Presented at Spineweek 2008, Eurospine, Geneva (CH), May 26-31, 2008

SCIENTIFIC DEGREE:

PhD degree in Biomedical Sciences on

“New Concepts in Lumbar Interbody Fusion: A Clinical, Biomechanical and Experimental Study”

Promotor: Prof. Dr. G. Fabry

Co-promotor: Prof. R. Van Audekercke

Obtained at the Cath. Univ. Leuven, Faculty of Medicine, February 4, 2000.

CERTIFICATES :

Educational Commission for Foreign Medical Graduates (E.C.F.M.G.)

(United States Medical Licensing Examination - U.S.M.L.E.)

Certificate Number : 0-427-634-1

Issued on November 17, 1995

Passed the Examinations : Basic Science : September 28, 1995
Clinical Science : August 31, 1995
English Examination : August 31, 1995

PRESENTATIONS :

“Tibia derotatie osteotomie met Ilizarov externe fixateur”.

P. Lauweryns, J. Lammens, G. Molenaers, G. Fabry.

Residents' Day, Univ. Hosp. Pellenberg, Cath. Univ. Leuven, Belgium, June 1994.

“Posterior Lumbar Interbody Fusion (P.L.I.F.) for Severe Back Pain : Grafting Techniques and Results”.

P. Lauweryns, C.R. Weatherley.

South West Orthopaedic Club Meeting (U.K.), Weston-super-Mare (Bristol).

U.K. 11 May 1996.

“Posterior Lumbar Interbody Fusion (P.L.I.F.) for Severe Back Pain”.

P. Lauweryns, C.R. Weatherley.

Second Combined Meeting of the British Orthopaedic Association and its Affiliated Societies, Brighton (U.K.), September 11-13, 1996.

“Surgery to the Rheumatoid Cervical Spine : Indications and Techniques”.

P. Lauweryns, I. Samson, G. Fabry.

Univ. Hosp. Gasthuisberg, Cath. Univ. Leuven, Belgium, December 5, 1996.

“Timing of Surgery in Rheumatoid Cervical Instability”.

P. Lauweryns, I. Samson, G. Fabry.

Fifth International Spinal Meeting (Smith and Nephew), Bologna (I), 16-20 April 1997.

“Lumbale wervelkolom: anterieure fusie, posterieure fusie, anterieur en posterieur..?”

P. Lauweryns

Een decennium Prof. Fabry, Univ. Hosp. Pellenberg, December 13, 1997.

“Cage Design and stability”.

P. Lauweryns

Univ. Hosp. Pellenberg, February 13, 1998.

“Medical image based, computer aided design supported development of implants and surgical tools”

Vander Sloten J., Van Brussel K., Pattijn V., Van Audekercke R., Lauweryns P., Fabry G., Goffin J., Swaelens B.,

Invited lecture 5th Bioceramics conference, Faenza, Italy, October 1-3, 1998.

“A medical image based drill guide for pedicle screw insertion”

Van Brussel K., Lauweryns P., Vander Sloten J., Van Audekercke R., Vanden Beghe L., Fabry G., Vancraen W.,

Pre-ORS Symposium on Computational Methods in Orthopaedic Biomechanics, Anaheim, CA, January 31, 1999.

“Semeiologie van de lumbale wervelkolom”.

P. Lauweryns

Univ. Hosp. Ghent, January 28, 2000.

“Computer aided engineering in hard tissue surgery”

Vander Sloten J., Van der Perre G., Van Audekercke R., Pattijn V., Van Brussel K., Van Oosterwyck H., Duyck J., Naert I., Lauweryns P., Bellemans J., Fabry G., Goffin J. Invited lecture Contactforum Biomedical Engineering (Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten) Brussel, 28 maart 2000 (12 pp.)

“Spine Surgery and Research”.

P. Lauweryns

Conference Tissue Engineering (Prof.J.Helsen), Univ. Hosp. Pellenberg, April 6, 2000.

“International Microsurgery Course”, to be held in Leuven, October 2000

Preparation in Leuven by Dr. P. Young, St. Louis (USA) and Dr. P. Lauweryns

“Compression-packing in lumbar interbody fusion with cages”

P. Lauweryns

Advances in the treatment of degenerative low back pain, U.I.Antwerpen, June 21-22, 2000. (Dr. D. Chopin and Prof. Dr. J.P. Clarijs)

“Lumbar disc herniation: microdiscectomy”

P. Lauweryns

International Spinal Microsurgery Course, Leuven, October 9-10 2000

“Live surgical demonstration of microsurgery for disc herniation”

P. Lauweryns

International Spinal Microsurgery Course, Leuven, October 9-10, 2000

“Anterior lumbar fusion with cages and autologous bone in a sheep model”

P. Lauweryns, A Dhem, G Fabry

Eurospine, Antwerp, 2000 Annual Meeting of the Spine Society of Europe, October 10-13, 2000

“Braces in degeneratieve rugpathologie”

P. Lauweryns

Orthoconcept meeting, Knesselare (B), October 21, 2000.

“Mechanica in de geneeskunde”

P. Lauweryns

Doorbraak in medische technologie, een dialoog tussen ingenieur en arts. 33e Prof. Van Cauterenleerstoel, Faculteit Toegepaste Wetenschappen K.U.Leuven, Leuven, Novembre 29, 2000.

“Rugpijn, de meest voorkomende maar ook dikwijls de meest onduidelijke klacht in de huisartspraktijk”

Interactief Postgraduaat Afstandsonderwijs Pentalfa project, Faculteit Geneeskunde

K.U.Leuven

Centrale Moderator: Dr.B.Aertgeerts, academisch centrum voor huisartsgeneeskunde UZ Gasthuisberg, Leuven, January 11, 2001.

“Rugchirurgie: prone to failure?”

P. Lauweryns

Pellenberg Orthopaedic Conference “From failure to disaster”, UZ Pellenberg, Leuven, March 23, 2002

“Biomechanical testing of ostapek cages in lumbar interbody fusion”

P. Lauweryns

Orthopaedica Belgica Meeting, Brugge (B), May 30, 2002

“Cervical Myelopathy”

P. Lauweryns, Chairman

Belgische Orthopedische Rugvereniging, UZ Pellenberg, Leuven, Septembre 7, 2002

“Stenosis with Instability: when to fuse?”

P. Lauweryns

Hellenic Association of Orthopaedic Surgery and Traumatology, Spine section, 28th Annual Meeting of the Spine, “N. Giannestras-P. Smyrnis”, with the official participation of the Belgian Spine Society, Heraklion, Crete, Greece, September 26-29, 2002

“Minimaal Invasieve Rugchirurgie: voordelen en beperkingen”

P. Lauweryns

Postgraduaat Cyclus Geneeskunde 2002-2003, Postuniversitair Centrum KULAK, Roeselare (B), October 15, 2002

“Interbody Fusion Cages and their content”

P. Lauweryns

Third Interbody Devices Meeting – Current Status and Future Perspectives, Brussels, Belgium, October 17-18, 2002

“Technical developments in ostepek cages and P36 spinal fixation system”

P. Lauweryns

First Co-Alliance Meeting (Co-Ligne), Zurich, Switzerland, December 19-20, 2002

“Mechanisms of failure in spinal surgery”

“Long lumbosacral fusions”

P. Lauweryns

Second Co-Alliance Meeting (Co-Ligne), Genoa (Italy), October 17-18, 2003

“Aanpak van chronische lage rugpijn”

P. Lauweryns

Kon. Dokterskring van het kanton Heist-op-den-Berg, Heist-op-den-Berg, Decembre 5, 2003

“Surgical Treatment of Chronic Low Back Pain”

P. Lauweryns

Orthoconcepts, UZ Pellenberg, Leuven, 23-01-2004

“Failed Interbody Fusion: removal of cages, prevention of pseudarthrosis”

P. Lauweryns

Orthopaedica Belgica Spring Meeting, Leuven, March 27, 2004

“Removal of painful interbody fusion cages: strategy, findings and results”

D Hoste, P Lauweryns, G Fabry

Spine Society of Europe, Spineweek 2004, Porto, May 30- June 5, 2004

“Heelkunde: indicatiestellingen en opties”

P. Lauweryns

Postgraduaat Seminarie Fysische Geneeskunde en Revalidatie: “De degeneratieve wervelkolom: op zoek naar een consensus. Leuven , 15-03-2005.

“Flexicore lumbar disc prosthesis: surgical cases presentation”

P. Lauweryns

Flexicore Surgeons Symposium Training, Bordeaux, 18-04-2005

“Fracasos de la artrodesis lumbar” (“Revision spinal fusion surgery”)

P. Lauweryns

XXXII Simposium Internacional de Traumatologia Y Ortopedia Fremap : Evaluacion Y Tratamiento de las secuelas postraumaticas
Majadahonda, Madrid, June 15-17, 2005

“Correcte indicaties voor lumbale fusies”

P. Lauweryns

Meeting Orthopedie Sint Niklaas, October 8, 2005

“Goede, minder goede en slechte kandidaten voor rugchirurgie”

“Cervicale en lumbale discusprothese”

P. Lauweryns

Driedaagse voor huisartsen, Faculteit Geneeskunde Leuven, UZ Pellenberg, November 17-19, 2005

“Flexicore total disc arthroplasty”

P. Lauweryns

XII th Brussels Intenational Spine Meeting: Non Fusion Technologies In Spinal Surgery,
Brussels, November 18-19, 2005

“De wervelkolom: prothese versus arthrodesis”

P. Lauweryns

Orthoconcepts, UZ Pellenberg, Leuven, 20-01-2006

“Conservative treatment of cervical spine injuries”

P. Lauweryns

XIII th Brussels International Spine Symposium: Fractures of the Spine, and Tumors in the Spine, Brussels, November 17-18, 2006

“Unilateral or bilateral posterior lumbar interbody fusion”

P. Lauweryns

Symposium “MISS” and ‘Alternative Approaches in the Lumbar Spine’, Aesculap Academy, Antwerp (B), 18/01/2007

“Carbon cage reconstruction after cervical corpectomy for advanced cervical spondylosis: a retrospective multicentric study”

G Vermeersch, P Lauweryns, H Person, E Laloux

Annual Meeting of the Cervical Spine Research Society (CSRS) (European Section), Leuven, 30th May- 1st June, 2007

“Bone grafting of the disc space by a unilateral transforaminal approach equals that obtained by a bilateral posterior approach in lumbar interbody fusions”

J François, P Lauweryns, P Brys

Eurospine, Brussels (B), October 2-6, 2007

“Interim European clinical results of an in-situ cured, balloon contained, polyurethane nucleus replacement device”

M Ahrens, F Martens, P Donkersloot, Z Fekete, P Lauweryns, H Halm, JC Le Huec
Spineweek 2008, Geneva (CH), May 26-31, 2008

“P-15 Bone Substitute in Lumbar Interbody Fusion”

P. Lauweryns

Spinal Surgery Symposium, Association of Private Orthopaedic Surgeons, Hong Kong
May 20, 2010

“P-15 Bone Substitute in Lumbar Interbody Fusion: Basic Science applied in Spinal Surgery”

P. Lauweryns

40th Malaysian Orthopaedic Association Annual General Meeting, Annual Scientific Meeting,
Johor Bahru, Malaysia, May 20-22, 2010

“P-15 Bone Substitute in Lumbar Interbody Fusion”

P. Lauweryns

Spinal Surgery Meeting, Dr Sofyanto and colleagues, Surabaya, Indonesia, May 24, 2010

“P-15 Bone Substitute in Lumbar Interbody Fusion”

P. Lauweryns

Spinal Surgery Meeting, Jakarta, Indonesia, May 25, 2010

MEMBER OF THE JURY OF THE PhD THESIS BY

An Van Nieuwenhuysse, entitled: “A prospective study of risk factors for low back disorders in occupational settings” (21/09/2005)

ORGANISATION OF COURSES :13 + 14 /02/98 : “Anterior Lumbar Fusion : Instructional Course”

(Faculty: H.Yuan (USA), J.O'Brien (UK), C. Weatherley (UK),
A. Van Erp (N), R. Fraser (Austral.),
P.Metz-Stavenhagen (G), M. Onimus (Fr), B. Zachee (B),
H.Feys (B),L. Vanden Berghe(B))

Course organiser: P. Lauweryns
Univ. Hosp. Pellenberg, Cath. Univ. Leuven, Belgium.

9 + 10/10/2000: “International Spinal Microsurgery Course”, in conjunction with St Louis University (US) and PAWS (Practical Anatomy Workshop Saint Louis University, US). Lumbar microsurgical course held at Univ. Hosp. Cath. Univ. Leuven, UZ Pellenberg.

Course Co-Directors: Philippe Lauweryns, MD, PhD (Leuven)
John McCulloch, MD (Akron, Ohio USA)

Faculty: J McCulloch (USA), P Lauweryns (B), G Findlay (UK), L Vanden Berghe (B), P Young (USA), B Zachee (B).

8/3/2001: “Advances in the Treatment of Degenerative Low Back Pain”

Course organisers: P. Lauweryns, MD, PhD (KULeuven)
J. Clarysse, MD, PhD (V.U.Brussel)

Dept. of Anatomy, VUBrussel, Belgium.

7/9/2002: “Cervical Myelopathy” and “Surgical Treatment of Spinal Metastasis”

Course organisers: P. Lauweryns and C. Spreuwers
(Belgische Orthopedische Rugvereniging)

International Faculty: Prof. D. Tomita (Japan), Prof. A. Sterling (UK)
Univ. Hosp.Pellenberg, Cath. Univ. Leuven, Belgium

27/03/2004: “New Techniques in Spine Surgery”

Orthopaedica Belgica Spring Meeting 2004, Belgische Vereniging voor Orthopedie en Traumatologie (BVOT)

Rechtsfaculteit De Valk, Leuven

10+11/06/2004: Specialty Day Spine, Orthopaedica Belgica Meeting “Bringing Back the Bone”

Guest Speaker: Dr. T. Markwalder (Bern-CH)
Alden Biesen, Hasselt

30/9-03/10/2004: Third Co-Alliance Meeting

International Faculty: Dr E Laloux (F), Dr. P. Baranowski (Pol), Dr. J. Commarmond (F), Dr JP Elsig (CH), Prof Dr G Siccardi (I), Dr H Person (F), Dr. D. Recoules (F), Dr P Fayada (F), Dr Luzzati (I)

Univ. Hosp. Pellenberg-Leuven

18/01/2007: Symposium "MISS" and "Alternative Approaches" in the lumbar spine
Organized by Prof Lauweryns P and Dr Bouma GJ (Neth.), and Aesculap Academy NV
Cultureel Congrescentum Elzenveld, Antwerp (B)

AWARDS :

Prize for the Best Scientific Paper : South West Orthopaedic Club (founded 1948 - U.K.),
Weston-super-Mare, U.K., 11 May 1996.

ASSISTANCE TO COURSES :

- 31/03/93 - 02/04/93 : Howmedica Trauma Course - Strasbourg (F) - Dr. Grosse.
- 12/12/94 - 16/12/94 : Synthes Trauma Course - Davos (CH) - AO/ASIF group
- 22/05/95 - 26/05/95 : Anatomy and Function of the Spine - Marseille (F) - Prof. R. Louis.
- 03/12/95 - 08/12/95 : AO/ASIF Trauma and Advanced Spine Course (CH).
- 21/11/96 : Workshop BAK Surgery (Smith and Nephew) - Hamburg (G).
- 06/11/96 - 07/11/96 : The painful Lumbar spine : conservative or surgical treatment - London (U.K.) - Mr. J.P. O'Brien.
- 31/01/97 - 01/02/97 : 4th European Isola Meeting - London (U.K.) -Acromed.
- 12/02/97 - 17/02/97 : American Academy of Orthopaedic Surgeons - 1997 Annual Meeting - San Francisco - CA (U.S.A).
- 19/02/97 - 22/02/97 : The Advanced Course in Spinal Reconstructive Surgery of the Lumbar, Thoracic and Cervical Spine - Cleveland, Ohio (U.S.A.) - Dr. A.D. Steffee, Dr. R.S. Biscup.
- 7 + 8 / 11 /97 : 1st International Carbon Fibre Interbody Fusion Spine Meeting - Munchen (G)
- 13 - 20 / 09 / 97 : AO course - University of Nevada, Las Vegas
Dr. J. Thalgott
- 21 - 22 / 11 /97 : "Lumbar Segmental Instability" - Brussels.
- 1 - 3 / 05 / 98 : International Meeting on Advanced Spine Techniques
Scoliosis Research Society - Sorrento (I)
- 7-8/10/99: Microendoscopic discectomy training course.
Medical Education and Research Institute, Memphis, USA
- 6-8/1/2000: Anterior Lumbar Interbody Fusion with Carbon Composite Cages
E. Laloux, Dijon (F).
- 12/5/00: METR'x microendoscopic discectomy treatment.
M. Smith – Kliniek Klein Rosendael (NI)
- 13/5/00: 1st International meeting on Vertebroplasty and Kyphoplasty
Dr. Heini – Inst. Anatomy, Bern (CH).
- 18-20/5/00: Big Tim Spine – DePuy Acromed – Geneva (CH)
- 26/5/00: SORBCOT- BVOT meeting Orthopaedica Belgica – Namen (B)
- 9-10/10/00: International Spinal Microsurgery Course – Pellenberg (B)
- 10-13/10/00: Eurospine – Antwerp (B)
- 9-13/2/01: Cervical and lumbar spine meeting – Senegal
- 12/01/02: Myelography (Belg.Orthop.Rug Vereniging) – Brussels
- 20/04/02: Dynamic Stabilisation (Belg.Orthop. Rug Vereniging)- Antwerp
- 30/5-1/06/02: Orthopaedica Belgica Meeting – Brugge (B)
- 7/09/02: Cervical Myelopathy (Belg.Orthop.Rug Vereniging) – Leuven
- 17-18/10/02: Third Interbody Devices Meeting (DePuy Acromed) – Brussels

- 22-23/11/2002: IXth Brussels International Spine Symposium, 'Degenerative Disc..Disease?', Brussels (B)
- 7/12/02: Vertebroplasty and Kyphoplasty (Belg.Orthop.Rug Vereniging)-Brugge
- 19-20/12/02: First Co-Alliance Meeting (Co-Ligne), Zurich (CH)
- 18/01/03: Lumbar Disc Prostheses, Belg. Orthop. Rug Vereniging, Brussels
- 26/04/03: Results of Spinal Surgery, Belg. Orthop. Rug Vereniging, Ghent
- 18-21/09/03: 2nd Cormed Spine Meeting – Malta
- 27/09/03: Failed Back Surgery, Belg.Orthop. Rug Vereniging, Leuven
- 9/10/03: Balloon Kyphoplasty Workshop – Leiden (Netherl.)
- 17-18/10/03: Second Co-Alliance Meeting (Co-Ligne) – Genoa (Italy)
- 17/11/03: Visit to Prof. Dr. JC LeHuec, Hopital Tripode Pellegrin, Bordeaux (F) (Maverick Prosthesis Total Disc Replacement)
- 21-22/11/03: 10 th Brussels International Spine Symposium, "The Failed Spine", Brussels (B)
- 13/12/03: Spinal Fractures, Belg. Orthop. Rug Vereniging, Antwerp
- 3-5/05/2004: Spine Arthroplasty Society, Vienna
- 31/5-5/05/2004: Spine Society of Europe, Spine Week, Porto
- 18/04/2005: Flexicore Surgeons Training, Bordeaux (F)
- 03/05/2005: 9th International Symposium 'Live Instructional Non-Fusion Spine Course', New York, USA
- 4-7/05/2005: Global Symposium on Motion Preservation Technology, Spine Arthroplasty Society. New York, USA
- 18+19/11/2005: XIIth Brussels International Spine Meeting, Brussels (B)
- 17+18/11/2006: XIII th Brussels International Spine Meeting, Brussels (B)
- 18/01/2007: Aesculap Academy, "MISS" and 'Alternative approaches' in the lumbar spine, Antwerp (B)
- 30-01/06/2007: Annual Meeting of the Cervical Spine Research Society (CSRS) (European Section), Leuven, 30th May- 1st June, 2007
- 02-06/10/2007: Eurospine, Brussels (B)
- 23-26/10/2007: North American Spine Society (NASS), 22nd Annual Meeting, Austin (Tx) (US)

INTERNATIONAL VISITORS IN OPERATING ROOM

- 26-11-2001: Dr. Dong-Yun KIM, Dr. Young-Jin KIM, Dr. Kyo-sung JOO, Dr. Young-tak PARK, Dr. Moon-jun SOHN, Dr. Jang-ho BAE, Mr. Jong-woong PARK, Mr. Tae-joo KIM, Mr. Jack PARK. Lumbar fusion surgery.
- 11-03-2002: Dr. Jung Deong KIM, Dr. Hyuck PARK, Dr. Byung-Gil SON. Lumbar fusion cases
- 22-04-2002: Prof. Salvatore Gatto, Dr. Rocco Politano, Mr. Cesare Raffaelli. Lumbar interbody fusion surgery
- 13-05-2002: Dr. Swung-Chan BAEK, Dr. Jung Hwan SEO, Dr. Jong-Hoon PARK, Dr. Man Soo Yeo. Lumbar fusion cases.
- 20-06-2002: Dr. Mark Crawford, Mr. Jerry Watermeier. Lumbar instrumentation and fusions.
- 14-11-2002: Dr. Boungh-Cheul BAE, Dr. Sung-ho SON, Dr. Kyoung-soo LEE. Lumbar fusion operations.

- 03-04-2003: Dr. H. Person (neurosurgeon, Brest (F)). Cervical corpectomy C5 and reconstruction with osteoporotic vertebral body replacement cage, and fusion and plate fixation from C4 to C6
- 18-12-2003: Dr. H. Person (neurosurgeon, Brest (F)).
 - Case 1 : Cervical corpectomy of C5, anterior cervical interbody fusion of C3-C4, reconstruction with osteoporotic vertebral body replacement cage, and fusion and plate fixation from C3 to C6.
 - Case 2: Cervical corpectomy of C4, reconstruction with osteoporotic vertebral body replacement cage, and fusion and plate fixation from C3 to C5.
- 29-03-2004: Dr. J. Commarmond (Chateauroux, (F))
 - Transforaminal Lumbar Interbody Fusion with unilateral fixation (2 cases)
- 23-09-2004: Prof Dr T. Errico (New York University)
 - Flexicore lumbar disc prosthesis (2 cases)
- 22-11-2004: Dr. G. Mizz (Chicago)
 - Flexicore lumbar disc prosthesis (2 cases)

MEMBERSHIPS AND PARTICIPATION IN SCIENTIFIC COMMITTEES

- Member of the Belgische Vereniging voor Orthopedie en Traumatologie (BVOT)
- Board Member of the Belgian Spine Society (BSS) (former 'Belgische Orthopedische Rug Vereniging – BORV)
- Member of Alfagen (the Alumni Lovaniensis) – Faculteit Geneeskunde Kath. Univ. Leuven
- Founding Member and Vice-president of the Belgische Orthopedische Rug Vereniging from April 2000 to April 2003
- President of the Belgische Orthopedische Rug Vereniging from April 2003 to April 2006
- Past President of the Belgian Spine Society since april 2006
- International Relations Officer of the Belgian Spine Society since april 2006
- Member of the Spine Arthroplasty Society (SAS)
- Member of AO Spine (professional membership)

REFEREES :

- Prof. Dr. J. Bellemans : Coordinating Chairman of the training program
Head of the Department of Orthopaedic Surgery
University Hospital Pellenberg
Weligerveld 1
Pellenberg – Belgium
- Prof. Dr. G. Fabry: Former Head of the Department of Orthopaedic Surgery
University Hospital Pellenberg
Weligerveld, 1
3212 Pellenberg - Belgium
- Mr. C.R. Weatherley : Consultant Orthopaedic and Spinal Surgeon
1, The Quadrant
Wonford Road
Exeter EX2 4LE – England
- Mr. J. O'Brien: Consultant Spinal Surgeon
149, Harley Street
London W1N 2DE – England

- Prof. Dr. H. Yuan: Spinal Surgeon
State University of New York
Syracuse - New York
- Dr . H. Person: Neurosurgeon
Brest
France
- Dr. F. Van Krieken: Neurosurgeon
Oostende, Belgium

LANGUAGES :

- Dutch : Mother tongue
- French : Written and spoken knowledge
- English : Written and spoken knowledge
- German : Written and spoken knowledge

HOOFDACTIVITEIT :

- Heelkundige behandeling van wervelkolomaandoeningen (spinale operaties)
- Specifieke interesse in spinale fusies of fixaties (artrodese technieken)
- Specifieke interesse in heringrepen of revisies van de wervelkolom
- Specifieke interesse in het gebruik van botgreffen en botsubstituten bij spinale ingrepen
- Wetenschappelijk onderzoek en klinische studies in verband met spinale ingrepen