

## CURRICULUM VITAE

NAME : Vanden Berghe Luc

DATE OF BIRTH : 25 March 1958

### EDUCATION :

- Primary education : 6 years in Bruges, beginning in 1964
- Secondary education : 6 years in Bruges, Latin-Sciences beginning in 1970
- Medical School of the Louvain University (program of seven years) beginning in 1976, finishing in 1983  
Degree of Medical Doctor in July 1983 Cum Laude at the University of Louvain, Belgium
- E.C.F.M.G. Examinations : passed in January 1987  
Certificate Nr. 392-002-2, issued January 1987

### RESIDENCY PROGRAM :

- 1983 - 1984 : Resident at the Department of Orthopaedic Surgery of the University of Louvain under guidance of Professor Dr. J.C. Mulier
- 1984 - 1985 : Resident at the Princess Elizabeth Orthopaedic Hospital in Exeter (UK) under guidance of Mr. R.S.M. Ling
- 1985 - 1986 : Resident at the Department of Orthopaedic Surgery of the University of Louvain under guidance of Professor Dr. J.C. Mulier
- 1986 - 1987 : Resident at the Imelda Hospital in Bonheiden (Belgium) under guidance of Dr. L. Beckers
- 1987 - 1989 : Resident at the Department of Orthopaedic Surgery of the University of Louvain under guidance of Professor Dr. G. Fabry

#### FELLOWSHIP IN SPINE SURGERY :

- 1989 - 1990 : Fellow in Spine Surgery at the Princess Elizabeth Orthopaedic Hospital, Exeter, UK, under guidance of Mr. Weatherley, FRCS
- Honorary research fellow, School of Engineering at the University of Exeter, UK from 23 January till 1 May 1990.
- Visiting Fellow in Spine Surgery at the Twin Cities Scoliosis Center, Minneapolis, USA, under guidance of Dr. Bradford from March the 1<sup>st</sup> 1990 till August 1<sup>st</sup> 1990

#### STAFF POST :

- Consultant Orthopaedic Surgeon, Spinal Department at the University Hospital of Louvain, Louvain, Belgium from 1990 - ....
- Orthopaedic Surgeon at the St-Lucas Hospital, Bruges, Belgium, dealing with back disorders and spine surgery

#### FOLLOW UP STUDIES AND PUBLICATIONS :

#### CLINICAL STUDIES :

- Supracondylar fractures in children : treatment with closed reduction and pinning. Presented at the Orthopaedic meeting in Pellenberg, 1985
- Follow up study of 20 patients with a rupture of the anterior cruciate ligament treated with the operation described by Insall. Presented at the Orthopaedic meeting in Bonheiden, 1987
- Chronic Medial Ligament Lesion at the knee : Diagnosis and Treatment. Long term follow up. Presented at the Symposium of Sports Medicin, Pellenberg, 1988
- New possibilities in the treatment of idiopathic scoliosis with the Cotrel-Dubousset system.  
Vanden Berghe L., Mulier E., Fabry G.  
Published in Het Nederlands Tijdschrift voor Geneeskunde, 46, 1447-1451, 1990
- In situ posterolateral fusion for spondylolisthesis.  
Vanden Berghe L., Maes G., Fabry G., Hoogmartens M.  
Presented at the Belgian Orthopaedic Association meeting in May 1989 (Antwerp).  
Published in the Acta Orthopaedica Belgica, 57, suppl. 1, 214-218, 1991
- Low back pain with fracture of the pedicle and contralateral spondylolysis.  
Weatherley CR, Mehdian H., Vanden Berghe L.  
Published in J Bone Joint Surg, 73-B, 990-993, 1991

- Spontaneous Ruptures of the flexor carpi radialis tendon secondary to STT Osteoarthritis.  
Verellen K, D. Dauwe, J. Struyck, B. Kerremans, P. Kestelijn, L. Vanden Berghe  
Published in Acta Orthop Belg, 58(4), 474-476, 1992
  
- Treatment of spinal deformity with fusion to the sacrum using CD instrumentation  
Beckers L., Vanden Berghe L., Fabry G.  
Published in Acta Orthop. Belg., 58, suppl. I, 194-196, 1992
  
- Stability of the lumbar spine and method of instrumentation  
Vanden Berghe L., Mehdian H., Lee AJC, Weatherley CR  
Published in Acta Orthop. Belg., 59, 175-180, 1993
  
- Harrington instrumentation without fusion for the treatment of scoliosis in young children  
Vanlommel E., Fabry G., Urlus M., Vanden Berghe L.  
Published in J. Ped. Orthop., 1B, 116-118, 1993
  
- Rugafwijkingen tijdens de groeiperiode  
Vanden Berghe L., Fabry G.  
Vlaamse Wetenschappelijke Vereniging voor Gezondheidszorg (1994)
  
- Le traitement chirurgical des malformations d'origine neuromusculaire de la colonne vertébrale.  
Vanden Berghe L., Fabry G., Moens P.  
Published in Résonance Européennes du Rachis, 1994, n° 4, p. 7-10
  
- L'instrumentation de Cotrel Dubouset : une étude prospective sur la dérotation.  
Vanden Berghe L., Fabry G., Moens P.  
Published in Revue de Chirurgie Orthopédique, 1995, 81, 9
  
- Non-cemented acetabular revision and bone grafts  
Van Der Hauwaert N., Vanden Berghe L., Demuyneck M.  
Published in Acta Orthop. Belg., 61, 117-122, 1995
  
- An intraoperative method for three-dimensional analysis of idiopathic scoliosis with CD-instrumentation.  
G. Fabry, Liu Xue-Cheng, R. Van Audekercke, L.Vanden Berghe, G. Molenaers, P. Moens
  
- La scoliose est un problème esthétique et thoracoplastique  
L. Vanden Berghe, P. Moens, G. Van Den Bogaert, G. Fabry  
Published in La Scoliose idiopathique, Masson, Paris 1996
  
- Le GDLH dans le traitement de la scoliose idiopathique  
P. Moens, L. Vanden Berghe, I. Van Delm, G. Fabry  
Published in La Scoliose idiopathique, Masson, Paris 1996

- A New Technique for the Three-Dimensional Study of the Spine  
In Vitro and In Vivo by Using a Motion-Analysis System  
X.C. Liu, G. Frabry, L. Labey, L. Vanden Berghe, R. Van Audekercke,  
G. Molenaers, and P. Moens  
Published in Journal of Spinal Disorders, Vol. 10, No. 4, pp. 329-338
- Present State of the Surgical Treatment of Scheuermann's Kyphosis  
G. Fabry, P. Moens, L. Vanden Berghe  
Published in Résonances Européennes du Rachis
- \*  
- Osteoporotic Thoracolumbar Fractures: When is Surgery Indicated ?  
L. Vanden Berghe  
Published in Vertebral Osteoporotic Compression Fractures, 28, 225-230, 2003

#### CASE REPORTS :

- Unilateral spondylolysis and contralateral pedicular fracture  
Dr. H. Mehdian, Dr. L. Vanden Berghe, Mr. C. Weatherley  
Published in JBJS
- Recurrent bilateral laryngial nerve palsy following anterior cervical fusion  
Dr. H. Mehdian, Dr. L. Vanden Berghe, Mr. C. Weatherley

#### BIOMECHANICAL STUDIES :

- Stability of the lumbar spine and method of instrumentation  
Dr. L. Vanden Berghe, Dr. H. Mehdian, A.C.J. Lee, Mr. C. Weatherley  
Published in Acta Orthopaedica Belgica, vol. 59, 2, 1993

#### LECTURES :

- Treatment of Femoral Neck Fractures  
Date : 26 January 1984  
Location : Dendermonde, Belgium
- Arthroscopic Surgery of the Knee  
Date : 3 May 1984  
Location : Dendermonde, Belgium
- Treatment of Supracondylar Humerus Fractures in children  
Date : 20 November 1985  
Location : UZ Pellenberg, Belgium
- Examination of the Knee : Clinical and Arthroscopical : Indications, Possibilities

Date : 8 October 1987

Location : University Diepenbeek, Belgium

- Segmental Instability of the Lumbar Spine

Date : 15 March 1988

Location : UZ Gasthuisberg, Louvain, Belgium

- Treatment of Cervical Fractures

Date : 8 November 1988

Location : UZ Gasthuisberg, Louvain, Belgium

- Chronic Medial Ligament Lesion at the Knee : Diagnosis and Treatment

Date : 10 December 1988

Location : Symposium on Sportsmedicin, Louvain, Belgium

- In Situ Postero-Lateral Fusion for Spondylolisthesis

Date : 26 May 1989

Location : Congress Orthopaedica Belgica, Antwerp, Belgium

- Simultaneous Combined Anterior and Posterior Fusion of the Lumbo-sacral Spine

Date : 28 January 1992

Location : CDI Training Course, Brussels

- The lumbo-sacral degenerative spine

Date : 28 January 1992

Location : CDI Training Course, Brussels

- Instability of the Lumbar Spine

Date : 4 June 1992

Location : Sint-Niklaas, Belgium

- Anatomy and Fysiology of the Lumbar Spine

Date : 18 December 1992

Location : Kath. University Louvain Pellenberg, Belguim

- Types of fusion and the use of spinal instrumentation

Date : 8-9 January 1993

Location : Kath. University Pellenberg, Belgium

- Indications for spinal fusion

Date : 8-9 January 1993

Location : Kath. University Pellenberg, Belgium

- Surgical Treatment of Neuromuscular Scoliosis

Date : 13-15 October 1993

Location : Congreso Ibero - Latinoamericano de Patologia de Columna Vertebral, Santiago, Chile

- Pellenberg Approach to Neuromuscular Scoliosis  
Date : 4 December 1993  
Location , Universitary Hospital of Mont-Godinne (UCL)
- The Use of Bone Grafts in Posterior Spinal Surgery  
Date : 17 March 1995  
Location : Kath. University Louvain, Belgium
- Evolution of surgical treatment of idiopathic scoliosis  
Date : 16 February 1996  
Location : Kath. University Louvain, Belgium
- Treatment of spinal deformities with the Isola System: Result and Pitfalls.  
Date: 4-6 September 1996  
Location: Middle East Spine Group 1st International Symposium, Jeddah, Saudi Arabia.
- Surgical treatment of adult scoliosis. Selection of levels and results.  
Date: 31 January 1997  
Location: 4th European Isola Meeting, London, UK.
- Surgical treatment of adult scoliosis. Selection of levels and results.  
Date: 15th-18th May 1997  
Location: Bologna Spine Congress 1997
- Fusion of the Lumbo-Sacral Spine: Technique en Indication  
Date: 22-24 May 1997  
Location: Sixth Symposium, Cannes 1997
- Anterior lumbar interbody fusion – technique and results  
Anterior Lumbar Fusion : Instructional Course  
Date : 13-14 February 1998  
Location : Kath. University Pelleberg, Belgium
- Surgical treatment of adolescent ideopathic scoliosis. Strategy and results  
Date : 20-21 February 1998  
Location : The 5th European Isola Meeting, The Netherlands
- Treatment of Spinal Deformity  
Date : 23-27 March 1998  
Location : Acromed 11th International Workshop, Cleveland, Ohio, USA
- Surgical treatment of adult scoliosis. Selection of levels and results  
Date: 27-28 March 1998  
Location: British Scoliosis Society, Exeter

- Surgical Treatment of the adult scoliosis  
Date : 7-9 May 1998  
Location : First Inter-Balkan Congress on Spinale Diseases, Athene
- \*
- Primary Hip Arthroplasty Current Technique  
Date : 15-16 January 1999  
Location : St Lucas Hospital, Assebroek, Belgium
- \*
- Scoliosis treatment with the Boston, TLSO, Milwaukee and Charleston Braces,  
Practical considerations.  
Date : 20 February 1999  
Location : Conservative treatment in pediatric orthopaedics Kath. University  
Pellenberg, Belgium
- \*
- Isthmic spondylolisthesis  
Date : 3-6 May 1999  
Location : AO Comprehensive Spine Course, Antwerp, Belgium
- \*
- Chairman at the 7th European Isola Meeting  
Date : 25-26 February 2000  
Location : Antwerp, Belgium
- \*
- Live Video Demonstration of Microsurgery for Spinal Canal Stenosis  
Date : 9-10 October 2000  
Location : International Spinal Microsurgery course, Kath. University Pellenberg,  
Belgium
- \*
- Nut van lumbale fusies : ALIF – PLIF  
Date : 19 October 2000  
Location : Symposium voor geneesheren, Ieper, Belgium
- \*
- Orthoses and physiotherapy  
Date : 26-27 October 2000  
Location : Current Concepts in Surgical Treatment of Spinal Deformities, Brussels,  
Belgium
- \*
- Controversen in de behandeling van spondylolisthesis bij kinderen  
Date : 26-27 October 2001  
Location : Dertig jaar Kinderorthopedie, Kath. University Pellenberg, Belgium
- \*
- Lumbar osteoporotic compression fractures : is surgery indicated ?  
Date : 16-17 November 2001  
Location : International Spine Symposium, Brussels, Belgium
- \*
- Treatment algorithm for low back pain  
Date : 12-17 May 2002  
Location : Advanced Spine Course, Kwa Maritane, South Africa
- \*

- Tendon transfers in ulnar palsy and Tendon transfers in tetraplegia /  
Date : 30 May – 1 June 2002  
Location : Orthopaedica Belgica, Brugge, Belgium
- \*
- Minimally invasive Hybrid  
Total hip replacement  
Date : 5-8 June 2002  
Location : European Hip Society Meeting, Baveno Lago Maggiore, Italy
- \*
- Treatment of the failed back surgery syndrome and The results of lumbar fusion  
Date : 26-29 September 2002  
Location : 28th Annual Spine Meeting, Crete, Greece
- \*
- Belgian Spinal Plate System  
Date : 10 October 2002  
Location : Antwerp, Belgium
- \*
- Advanced Spine Deformity Seminar  
Date : 19-22 October 2002  
Location : Malaga, Spain
- \*
- Evolution to a less invasive technique  
Date : 10 Januari 2003  
Location : NOV jaarcongres, Nijmegen, Netherlands
- \*
- Treatment algorithm for low back pain  
Date : 31 January – 1 February 2003  
Location : Brussels, Belgium
- \*
- Considerations about the Indications, Technique and Complications fo the Surgical Treatment of Idiopathic Scoliosis
- Results and Complications of the Surgical Treatment of Spondylolysis with or without Spondylolisthesis  
Date : 20-22 February 2003  
Location : Advanced Spine Deformity Seminar, Stockholm, Sweden
- \*
- Bryan versus Prodisc  
Date : 10-15 October 2003  
Location : Medtronic Bryan Cervical Disc ProthesisMeeting, Johannesburg, Africa
- \*
- Treatment algorithm for failed back  
Date : 21-22 November 2003  
Location : International Spine Symposium, Brussels, Belgium

#### COURSES :

- Course on Hip Surgery  
Date : 18-23 March 1985  
Location : Center for Hip Surgery, Wrightington, UK



- Course on Spinal Disorders  
Date : 26 June - 2 July 1988  
Location : Gothenborg, Sweden
  
- Course on Surgery of the Cervical Spine  
Date : 29 September - 1 October 1988  
Location : C.T.O., Strassbourg, France
  
- Course on the Cotrel-Dubousset Instrumentation  
Date : 16-21 January 1989  
Location : Institut Calot, Berck-sur-Mer, France
  
- Instructional Courses on Low Back Pain, AAOS, 56th Annual Meeting  
Date : 9-15 February 1989  
Location : Las Vegas
  
- Course on Percutaneous Approach of the Intersomatic Disks  
Date : 17-18 March 1989  
Location : Brussels, Belgium
  
- VDS training weeks (Dr. Zielke)  
Date : 16-23 April 1989  
Location : Werner-Wicker-Klinik, Bad Wildungen, BRD
  
- Course on Controversies in Spinal Surgery  
Date : 22-24 June 1989  
Location : Twin Cities Scoliosis Center, Minneapolis, USA
  
- Spinal Implant System : Principles and Practice  
Date : 12-13 April 1991  
Location : Kansas City
  
- The Advanced Course on C.D.I.  
Date : 7-11 October 1991  
Location : Institut Calot, Berck-sur-Mer, France
  
- Eurospine 94  
Date : 2-3 November 1994  
Location : The Cavendish Conference Center, London
  
- 7th Annual International Spine Workshop  
Date : 23-25 February 1995  
Location : Cleveland Internation Spine Center at Lutheran Medical Center,  
Cleveland, Ohio, USA
  
- Advanced Spine Course  
Date : 4-9 December 1995  
Location : Davos, Switzerland

- Outstanding Achievement  
Date : 26-27 January 1996  
Location : Amsterdam
- New Frontiers in Spine Surgery  
Date: 11-13,1996  
Location: Strasbourg, France
- Least Invasive Lumbar Spine Surgery  
Date: 17th May, 1996  
Location: St-Louis, MO, USA
- Minimal Invasive Anterior Lumbar Interbody Fusion  
Date: 14th June, 1996  
Location: Aesculapium, Tuttlingen
- Training in the Utilization and Application of the Anspach High Speed Instrumentation System for Surgical Procedures  
Date: 5th February, 1997
- The Hospital for Special Surgery Scoliosis / Spine Seminar  
Date: 8-10 th April 1996  
Location: Oheneba Boachie-Adjei, M.D., New York
- \*  
- Challenges in Total Hip Replacement  
Date : 27-30 May 1999  
Location : Rome, Italy
- \*  
- The degenerative and inflammatory cervecal spine  
Date : 19-20 November 1999  
Location : International Spine Symposium, Brussels, Belgium
- \*  
- Advanced course in spinal reconstructive surgery  
Date : 10-12 October 2001  
Location : Berlin, Germany
- \*  
- Degenerative Disc ... Disease ?  
Date : 22-23 November 2002  
Location : International Spine Symposium, Brussels, Belgium
- \*  
- Prodisc Spine Arthroplasty Course  
Date : 3-4 February 2003  
Location : St Elisabeth Klinikum, Straubing
- \*  
- Non fusion techniques in spinal surgery  
Date : 14-15 February 2003  
Location : International Symposium, Bordeaux, France
- \*

- Minimally Invasive Hip Surgery Instructional Course

Date : 22 March 2003

Location : Paris, France

\*

- Non-Fusion Technology with Live Transmitted Procedures

Date : 12-13 December 2003

Location : International Spine Symposium, Zürich, Switzerland

#### AWARDS :

- BVOT Award, 18 March 1995