

CURRICULUM VITAE P.W. PAVLOV, MD, PhD

Born: January 24, 1944, Sofia, Bulgaria

Education:

State City Gymnasium nr. 2
Sofia, Bulgaria 1957 - 1961

Medical Study:

State University Sofia
Graduation 1961 - 1967
1969

State University Utrecht
Graduation 1970 - 1972
1972

Special training:

First Surgical Clinic,
University Hospital Sofia,
Prof. Dr. M. Petrov 1967 - 1969

Cornelis Vroege Clinic, Alblasserdam
Dr. C.P. van Nes 1969 - 1972

St. Elisabeth Hospital, Almelo
Prof. Dr. S. Sijbrandij 1972 - 1976

St. Maartenskliniek, Nijmegen
G.Th.M. Bossers 1977 - 1979

Registration as Consultant Orthopaedic Surgeon: January 1, 1979

Professional experience:

County Hospital, Almelo 1979 - 1985
Chief, Department of Orthopaedic
Surgery and Traumatology

St. Maartenskliniek, Nijmegen/Woerden 1985 - 2009
Staff surgeon

Sint Maartenskliniek, Nijmegen 1990 - 2007
Director, Center of Orthopaedics

Maartenskliniek Woerden 2006 - 2007
Director, Maartenskliniek Woerden BV

Institute for Spine Surgery and Applied Research (ISSAR) since 2009
Director

ZBC Kliniek Lange Voorhout, The Hague
Consultant
ZBC De Mobiliteitskliniek, Zeist,
Consultant

since 2011

since 2012

Relevant activities

Consultant, Gilde Venture Capital, NL
Consultant, "Ons Ziekenhuis" group, NL
Consultant, ValuGen, CH
Consultant IncredX, CH

Editorial activities

Advisory Board, European Spine Journal
Advisory Board, Spine Journal

Publications:

- 1977 Pavlov PW. Early diagnosis of non-infected pseudarthrosis by means of osteomedullography. In Pseudarthrosis and Posttraumatic osteitis. Twente University, Enschede.
- 1983 Sleeswijk Visser S, Pavlov PW. Postoperative management after lumbar interbody fusion. Acta Orthop Scan 54: 673-674.
- 1986 Pavlov PW. Total hip replacement according to Charnley-Müller. Acta Orthop Scand 57: 386-387.
- 1987 Pavlov PW. A 15-year follow-up study of 512 consecutive Charnley-Müller total hip replacements. J Arthropl. 2: 151-156.
- Pavlov PW, Twisk R van. Use of free vascularized grafts in reconstructing osseous defects of the limbs in children. Acta Orthop Scand 58: 465-466.
- 1988 Twisk R van, Pavlov PW et al. Is additional sympathetic block in microvascular surgery contraindicated? Br J Plast Surg 41: 37-40.
- Van Twisk R, Pavlov PW, Sonneveld J. Reconstruction of bone and soft tissue defects with free fibula transfer. Annals of Plastic Surgery 1988; 21 (6): 555-558.
- 1990 Morshuis WJ, Pavlov PW, Rooy KP de. Anteromedialization of the tibial tuberosity in the treatment of patellofemoral pain and malalignment. CORR 255: 242-250.
- Kooijman MAP, Pavlov PW. Triple osteotomy of the pelvis: a review of 51 cases. CORR 255: 133-137.
- 1992 Pavlov PW. Klinische Erfahrungen mit der isoelastischen RM-Hüftgelenktotalprothese. In Hüftnecrose 597-601, Springer Verlag.
- Schaaf DB van der, Pavlov PW. Tijdelijke transpediculaire fixatie van de lumbosacrale wervelkolom; techniek en indicaties. Ned Tijdschr Geneesk 1992;136,nr 19, 949.
- Pavlov PW. Ventrle decompressie bij cervicale spinaal stenose. In dit Verband, 1,2:13-15, 1992.
- Keessen W, Pavlov PW et al. Treatment of Spinal Deformity in Myelomeningocele: A Retrospective Study in Four Hospitals. Eur J. Pediatr Surg 2, Suppl I, 1992, 18-22.
- 1993 Schaaf DB van der, Pavlov PW. Tijdelijke transpediculaire fixatie van de lumbosacrale wervelkolom. Techniek en indicaties. Patient Care, December 1993, Vol.20-nr.12, 9-13.
- 1995 Willems PC, Nienhuis B, Sietsma M, Schaaf DB van der, Pavlov PW: Het effect van een gipskorset op lumbosacrale stabiliteit. Ned Tijdschr Geneesk 1995;139(43),2224.

Spruit M, Pavlov PW, Lemmens JAM. Metallic artefacts in MRI of the spinal column after cervical and lumbar spondylodesis without instrumentation. *Acta Orthop Scand (Suppl 265)* 1995;66, 63.

Royen BJ van, Pavlov PW. Behandeling van "frozen shoulder" door manipulatie na glenohumerale distensie onder locale anaesthesie. *Ned Tijdschr Geneeskd* 1995;139(39),2015.

Willems PC, Nienhuis B, Sietsma M, Schaaf DB van der, Pavlov PW. Het effect van een gipskorset op lumbosacrale mobiliteit. *Ned Tijdschr Geneeskd* 1995;139(39),2006.

Spruit M, Pavlov PW, Lemmens JAM. Metaalachtige artefacten bij kernspinresonantie-tomografie van de wervelkolom na cervicale en lumbale spondylodese zonder instrumentatie. *Ned Tijdschr Geneeskd* 1995;139(32),1669.

1996 Loon J van, Slot GH, Pavlov PW. Anterior Instrumentation of the Spine in Thoracic and Thoracolumbar Fractures. The single rod versus the double rod Slot-Zielke device. *Spine*, Vol. 21, no 6: 734-740.

Journée HL, Pavlov PW, Polak B, De Bruin S. System for Intra-Operative Monitoring of the Cortical Integrity of the Pedicle during the pedicle Screw Placement in Low-Back surgery: design and clinical results. *Proc. IEEE 18-th international Conference EMB*; ISBN 90-9010005

Van Royen BJ, Pavlov PW. Treatment of frozen shoulder by distension and manipulation under local anesthesia. *Int. Orthop.* 1996;20:207-210.

Van Royen BJ, Pavlov PW. Frozen shoulder: manipulation after glenohumeral distension under local anesthesia. *Acta Orthop. Scand (Suppl 267)*1996;67:22.

1997 Journée HJ, Polak WB, Pavlov PW. Klinische evaluatie van peroperatief neurologisch bewakingssysteem bij chirurgie van de lumbosacrale wervelkolom. *Ned Tijdschr Geneeskd* 1997, 27 september; 141 (39).

Spruit M, Doorn PF, Pavlov PW, Lemmens JAM. Lumbale intercorporele spondylodese hydroxylapatiet-implantaten. *Ned Tijdschr Geneeskd* 1997, 27 September; 141 (39).

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Kleuver M de, Kooijman MAP, Pavlov PW, Veth RPH. Triple osteotomy of the pelvis for acetabular dysplasia, results at 8 to 15 years. *JBJS Vol.79-B*, no. 2, 225-229.

Willems PC, Nienhuis B, Sietsma M, Schaaf DB van der, Pavlov PW. The effect of a plaster cast on lumbosacral joint motion. An in vivo assessment with precision motion analysis system. *Spine* Vol. 22, no.11;1229-1234.

Spruit M, Goethem C van, Kooijman MAP, Pavlov PW. Diagnostic infiltration of the hip joint with bupivacaine in adult acetabular dysplasia. *Acta Orthopaedica Belgia* 1997, vol.63-4,274-277.

1998 Schaaf DB van der, Limbeek J van, Pavlov PW. Tijdelijke percutane transpedulaire fixatie van de lumbosacrale wervelkolom. *Ned Tijdschr*

Geneeskd, 1998, 21 maart;142(12).

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Journée HL, Pavlov PW, Polak HE. Why impedance measurements fail to detect pedicle wall breakthrough in man. Abstract the 8^e Int. Symposium on Spinal Cord Monitoring, USA.

1999 Schaaf DB van der, Limbeek J van, Pavlov PW. Temporary external transpedicular fixation of the lumbosacral spine. *Spine*, 1999, Vol. 24, no. 5; 481-484.

Pavlov PW, Ginsburg J, Kicovic PM, Van der Schaaf DB, Prelevic G, Bennink HJ. Double-blind, placebo-controlled study of the effects of tibolone on bone mineral density in postmenopausal osteoporotic women with and without previous fractures. *Gynecological Endocrinology* 1999; 13 (4): 230-237.

Kleuver M de, Kooijman MAP, Pavlov PW, Veth RPH. Behandeling van heupdysplasie door middel van tripleosteotomie; lange termijnresultaten. *NTvG* 1999; 143 (30), 1590

Kleuver M de, Kapitein PJC, Kooijman MAP, Limbeek J van, Pavlov PW, Veth RPH. Acetabular coverage of the femoral head after triple pelvic osteotomy - no relation to outcome in 51 hips followed for 8-15 years. *Acta Orthop Scand* 1999; 70 (6):583-588

Kleuver M de, Kooijman MAP, Pavlov PW, Veth RPH. Treatment of dysplasia of the hip by means of triple osteotomy - long term results. *Acta Orthop Scand (Suppl 289)* 1999; 70-17

2000 Kleuver M de, Langeloo DD, Journee HL, Pavlov PW. Transcranial electrical motor evoked potential monitoring in scoliosis surgery in patients with disturbed motor function. *Eur Spine J* 2000;9:289

Pavlov PW, Spruit M, Havinga M, Anderson PG, Van Limbeek J, Jacobs WCH. Anterior lumbar interbody fusion with threaded fusion cages and autologous bone grafts. *Eur Spine J* 2000; 9 (3): 224-229.

Kleuver M de, Hosman AJF, Pavlov PW, Slot GH. Scheuermann's kyphosis: Results of surgical corrective treatment by posterior spine and fusion and the effect of anterior release. *Eur Spine J* 2000;9:291

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2001 Havinga M, Spruit M, Anderson P, Dijk van-Dam van M, Pavlov PW, Limbeek J van. Results with the M.E. Müller cemented, straight-stem total hip prosthesis: A 10 year historical cohort study in 180 women. *Journal of Arthroplasty*, 16, 33-36 2001.

Hosman AJF, Kleuver M de, Pavlov PW, Slot GH. Tight hamstring; the postoperative sagittal alignment in patients with Scheuermann's kyphosis. *Eur Spine J*, Vol. 10, supplement 1, augustus 2001.

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thoracal spine; a retrospective analysis of 145 patients. *Eur Spine J*, Vol. 10, supplement 1, augustus 2001.

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2002 Pavlov PW, Kleuver M de, Schaaf DB van der. Evaluating external spine skeletal fixation used predictively to select candidates for lumbar arthrodesis: nonfixation controles. *J BJS* vol.84-A; No.9:1714.

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K Willems, G Slot, P Anderson, P Pavlov, M de Kleuver. Spinal osteotomy in patients with ankylosing spondylitis: complications during first postoperative year. *Spine*, vol 30, nr 1 pp 101-107

Spruit M, Pavlov PW, Leitao J, De Kleuver M, Anderson PG, Den Boer F. Posterior reduction and ALIF in symptomatic low grade isthmic spondylolisthesis: Short-term radiological and functional outcome. *Eur Spine J* 2002; 11 (5): 428-433.

2003 Kandziora, P Schleicher, M Scholz, R Pflugmacher, T Euindorf, N Haas, P Pavlov. Biomechanical testing of the lumbar fact interference screw. *Spine*, vol 30, nr 2 pp E34-E39

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Pavlov PW. Anterior decompression for cervical spondylotic myelopathy. *Eur Spine J*, 12 (2), 188-194, 2003.

Pavlov PW, Kleuver M de, Spruit M, Vialle E. Anterior interbody fusion. *AO Dialogue*; volume 16, Issue I, June 2003; 24-25.

ME Jansen, C Lam, PW Pavlov, M de Kleuver, M Spruit, E Vialle. Fusion versus disc replacement for discogenic pain. *AO Dialogue*. 2003; 16:22-5.

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2004 Jacobs WCH, Anderson PG, Van Limbeek J, Willems PC, Pavlov PW. Single or

double-level anterior interbody fusion techniques for cervical degenerative disc disease (Cochrane Review).. Cochrane Library. 4ed. Chichester: John Wiley & Sons, Ltd.; 2004.

- 2006 Langeloo DD, Journee HL, Pavlov PW, Kleuver M de. Cervical osteotomy in ankylosing spondylitis: evaluation of new developments. *Eur Spine J*, 15:493-500
- 2008 Bartels RHMA, Donk RD, Pavlov P, Limbeek J van. Comparison of biomechanical properties of cervical artificial disc prosthesis : a review. *Clinical Neurology and Neurosurgery* 110 (2008) 963-967.
- 2010 Van Hoof ML, Van der Merwe JD, O'Dowd J, Pavlov P et al. Daily functioning and self-management in patients with chronic low back pain after an intensive cognitive behavioral programme for pain management. *Eur Spine J*, on line 27 May 2010.
- 2011 Jacobs W, Willems PC, Kruijt M, van Limbeek J, Anderson PG, Pavlov P, Bartels R, Öner C. Systemic review of anterior interbody fusion techniques for single- and double-level cervical degenerative disc disease. *Spine*, vol 36 14:pE950-E960.
- 2012 Horsting PP, Pavlov P, Jacobs CHW, Obradov-Rajic M, Kleuver de, M. Good Functional Outcome and Adjacent Segment Disc Quality 10 Years after Single-Level Anterior Lumbar Interbody Fusion with Posterior Fixation. *Global Spine Journal*, vol 2 :21-26.

Membership:

Royal Dutch Society of Medicine

Dutch Orthopedic Society

Dutch Spine Society

AO-Alumni Association

Scoliosis Research Society

International Society for the Advancement of Spine Surgery (ISASS)

Spine Society of Europe

American Academy of Orthopedic Surgeons (AAOS)

North American Spine Society (NASS)

Cervical Spine Research Society (Eur)

Professional activities:

AOFoundation, honorary member of the Board of Trustees

Institute for Spine Surgery and Applied Research (ISSAR), Director

DePuySynthes Spine, Consultant