
Curriculum Vitae

Naam: Dr. **VANDENNEUCKER Hilde**
Geboortedatum: 22.09.1968, Halle
Functie: Orthopedisch Chirurg

OPLEIDING

1980-1986 : Hoger secundair onderwijs ;
Latijn-Wetenschappen
Heilig-Hartinstituut, Halle

1986 – 1993: Katholieke Universiteit Leuven

- Eerste kandidatuur ; juli 1987 met grote onderscheiding
- Tweede kandidatuur ; juli 1988 met grote onderscheiding
- Derde kandidatuur ; juli 1989 met onderscheiding
- Eerste doctoraat ; juli 1990 met grote onderscheiding
- Tweede doctoraat ; juli 1991 met grote onderscheiding
- Derde doctoraat ; juli 1992 met grote onderscheiding

Promotie Doctor in de Genees-, Heel- en Verloskunde, Leuven, 29 juni 1993 met grote onderscheiding

RESIDENCY

01.08.1993-31.07.1994 : UZ KU Leuven, *Algemene Heelkunde – Traumatologie*

01.08.1994-31.07.1995 : KLINA Brasschaat, *Algemene heelkunde – Traumatologie*

01.08.1995-31.07.1997 : AZ St Lucas Assebroek Brugge, *Orthopedie – Traumatologie*

01.08.1997-31.07.1998 : UZ KU Leuven (UZ Pellenberg), *Orthopedie*

01.08.1998-31.07.1999 : UZ KU Leuven (UZ Pellenberg), *Orthopedie*

Knee- and Sports Medicine

15.11.1998-14.12.1998 : Travelling Fellowship Knee Surgery :

Barnes Jewish Hospital St Louis, USA
Dr L. Whiteside

AANA Fall Course Palm Desert, CA, USA ; knee, ankle and shoulder

10th Total Knee Course december 1998, New York, NY, USA

Current Concepts in joint replacement, december 1998, Orlando, Florida, USA

Staff Member of the Department of Orthopaedic Surgery Katholieke Universiteit Leuven , Belgium, since 01/08/1999 ;

Subdivision Knee pathology and Sports injuries.

CURSUSSEN EX CURRICULUM

- Notenleer uitmuntendheidsgraad ; op voldoende wijze, 31.05.1980
- Piano middelbare graad A2 ; met onderscheiding, 23.06. 1984

- Dwarsfluit middelbare graad B2 ; met onderscheiding, 28.06. 1986
- Gitaar lagere graad A2 ; met onderscheiding, 28.06 1986
- Français langue étrangère ; Français medical; 30.04. 1990
Instituut voor Levende Talen KU Leuven
- English as a foreign language ; Medical English? 30.01.1991
Instituut voor Levende talen KU Leuven

PUBLICATIES

- G. Vandeputte, **H. Vandenneucker**, P. Kestelijn, Peesaandoeningen van enkel en voet, Tijdschrift voor Geneeskunde, Vol 53-19-1997,1291-1297. Impact unknown
- Saeki K, Mihalko WM, Patel V, Conway J, Naito M, Thrum H, **Vandenneucker H**, Whiteside LA, Stability after medial collateral ligament release in total knee arthroplasty, Clin Orthop Relat Res. 2001 Nov;(392):184-9. Impact:1.891
- Bellemans J, Banks S, Victor J, **Vandenneucker H**, Moermans A, Fluoroscopic analysis of the kinematics of deep flexion in total knee arthroplasty. Influence of posterior condylar offset, J Bone Joint Surg Br. 2002 Jan ;84(1) :50-3. Impact:1,891
- Bellemans J, **Vandenneucker H**, Labey L, van Audekercke R, Fixation strength of meniscal repair devices, Knee.2002 Feb;9(1):11-4. Impact:1,307
- Bellemans J, Reynders-Frederix P, **Vandenneucker H**, Vanlauwe J, De gekwetste knie op de dienst spoedgevallen, Tijdschrift voor geneeskunde 2004 vol 60:429-432. Impact unknown
- Bellemans J, Robijns F, Duerinckx J, Banks S, **Vandenneucker H**, The influence of tibial slope on maximal flexion after total knee arthroplasty, Knee Surg Sports Traumatol Arthrosc. 2005 Apr;13(3):193-6. Impact:1,626
- Vanhaecht K, Sermeus W, Tuerlinckx G, Witters I, **Vandenneucker H**, Bellemans J, Development of a clinical pathway for total knee arthroplasty and the effect on length of stay and in-hospital functional outcome, Acta Ortop Belg. 2005 Aug;71 (4): 439-44. Impact unknown
- J Bellemans, **H Vandenneucker**, J Vanlauwe, Total Knee Replacement, Current Orthopaedics (2005) 19, 446-452.Impact:0.140
- Bellemans J,**Vandenneucker H**, Victor J, Vanlauwe J, Flexion Contracture in Total Knee Arthroplasty, Clin Orthop Relat Res. 2006 Nov;452:78-82. Impact:1,891
- Bellemans J, D'Hooghe P, **Vandenneucker H**, Van Damme G, Victor J, Soft Tissue Balance in Total Knee Arthroplasty : Does Stress Relaxation Occur Perioperatively?, Clin Orthop Relat es. 2006 Nov;452:49-52. Impact:1,891

- Hardeman F, **Vandenneucker H**, Vanlauwe J, Bellemans J, Cementless total knee arthroplasty with Profix : A 8-to 10-year follow-up study, *Knee*.2006 Dec;13(6):419-21. Impact:1,307
- Van Tongel A, Stuyck J, Bellemans J, **Vandenneucker H**, Septic arthritis after arthroscopic anterior cruciate ligament reconstruction: a retrospective analysis of incidence, management and outcome, *Am J Sports Med*.2007 Jul;35(7):1057-8. Impact:3.397
- Bellemans J, **Vandenneucker H**, Vanlauwe J, Robot-assisted total knee arthroplasty, *Clin Orthop Relat Res*. 2007 Nov;464:111-6. Impact:1.891
- Bellemans J, **Vandenneucker H**, Vanlauwe J, Total knee arthroplasty in the valgus knee using a standard medial approach, *Springer France Interactive Surgery* 2008 vol 3:3-5. Impact unknown
- Saris DB, Vanlauwe J, Victor J, Haspl M, Bohnsack M, Fortems Y,..., **Vandenneucker H**, ..., Luyten FP, Characterized chondrocyte implantation results in better structural repair when treating symptomatic cartilage defects of the knee in a randomized controlled trial versus microfracture., *Am J Sports Med*. 2008 Feb;36(2):235-6. Impact:3,397
- Dujardin J, **Vandenneucker H**, Bellemans J, Tibial cyst and intra-articular granuloma formation after anterior cruciate ligament reconstruction using polylactide carbonate osteoconductive interference screws, *Arthroscopy*. 2008 Feb;24(2):238-42; Impact:2.296
- Corten K, **Vandenneucker H**, Reynders P, Nijs S, Pittevels T, Bellemans J, A pyogenic, ruptured Baker's cyst induced by arthroscopic pressure pump irrigation, *Knee Surg Sports Traumatol Arthrosc*. 2009 Mar;17(3):266-9. Impact:1,626
- Corten K, **Vandenneucker H**, Van Lauwe J, Bellemans J, Chronic posttraumatic bursitis of the medial collateral ligament: surgical treatment in 2-high-level professional athletes, *Am J Sports Med*. 2009 Mar;37(3):610-3. Impact:3.397
- Luyckx T, Didden K, **Vandenneucker H**, Labey L, Innocenti B, Bellemans J, Is there a biomechanical explanation for anterior knee pain in patients with patella alta?, *J Bone Joint Surg Br*. 2009 Mar;91(3):344-50. Impact: 1.868
- Corten K, **Vandenneucker H**, Molenaers G, Bellemans J, Moens P, Bilateral patellar Köhler's disease in an eleven-year-old child with growth retardation: a case report, *Acta Orthop Belg*. 2009 Apr;75(2):273-6. Impact unknown
- Bellemans J, Carpentier K, **Vandenneucker H**, Vanlauwe J, Victor J, The John Insall Award: Both Morphotype and Gender Influence the Shape of the Knee in Patients Undergoing TKA, *Clin Orthop Relat Res*. 2010 Jan;468(1):29-36. Impact: 1.891
- Bellemans J, **Vandenneucker H**, Vanlauwe J, Victor J, The influence of coronal plane deformity on mediolateral ligament status: an observational study in varus knees, *Knee Surg Sports Traumatol Arthrosc*. 2009 Sep 3 (epub ahead of print). Impact:1,626

- Saris DB, Vanlauwe J, Victor J, Almqvist KF, Verdonk R, Bellemans J, Luyten FP; TIG/ACT/01/2000&EXT Study Group, Treatment of symptomatic cartilage defects of the knee: characterized chondrocyte implantation results in better clinical outcome at 36 months in a randomized trial compared to microfracture., Am J Sports Med. 2009 Nov;37 Suppl 1:10S-19S. Epub 2009 Oct 21; Impact:3.397
- Raaijmakers M, Vanlauwe J, **Vandenneucker H**, Dujardin J, Bellemans J, Arthroscopy of the knee in elderly patients: cartilage lesions and their influence on short term outcome. A retrospective follow-up of 183 patients, Acta Orthop Belgica 2010 Feb;76(1):79-85
- Bellemans J, **Vandenneucker H**, Vanlauwe J, Victor J, The influence of coronal plane deformity on mediolateral ligament status: an observational study in varus knees, Knee Surg Sports Traumatol Arthrosc. 2010 Feb;18(2): 152-6
- J Bellemans, **H Vandenneucker**, J Van Lauwe, A New Surgical Technique for Medial Collateral Ligament Balancing, J Arthroplasty 2010
- C. Verlinden, P. Uvin, L. Labey, J.P. Luyckx, J. Bellemans, **H. Vandenneucker**, The influence of malrotation of the femoral component in Total knee replacement on the mechanics of patellofemoral contact during gait; An in vitro biomechanical study, J Bone Joint Surg(Br) 2010 May;92-B:737-42
- J Bellemans, **H Vandenneucker**, Isolated Patellofemoral Osteoarthritis: Prosthetic Indications, Springer 2010, Patellofemoral Pain, Instability, and Arthritis, Chapter 36.

PRESENTATIES

- 15/05/1993 ; Orthopaedic Conferences, Pellenberg, Belgium
"Avasculaire necrose van de femurkop; Controverse in behandeling"
- Nascholingscursus Herfst 1994 Orthopaedica Belgica
AZ VUB Jette, Belgium
"Operatieve behandeling van intercondylaire femurfracturen; functionele resultaten"
- Belgische Vereniging voor Traumatologie 1994
"Achillespeesrupturen"
- Belgische Vereniging voor traumatologie 1995
"Surgical Approaches tot the Lower Arm"
- Orthopaedic Conferences Resident's Day 1998, Pellenberg, Belgium
"The Biofix meniscal repair device : Short-term clinical results."
- Terugkomdag Rheumatologie-Orthopedie voor huisartsen, Pellenberg, Belgium
"Degeneratief gewrichtslijden van de knie "
- 66th Annual meeting AAOS, February 4-8, 1999, Anaheim 1999, CA, USA
"Primary Stability of Currently Available Meniscal Repair techniques"
- 21st World Congress of Sicot 18-23 april, 1999, Sydney, Australia
"Primary Stability of Currently Available Meniscal Repair techniques ; an in vitro biomechanical comparison"
- EFORT, 3-8 june, 1999, Brussels, Belgium
"Primary Stability of Currently Available Meniscal Repair techniques ; an in vitro biomechanical comparison"

- EFORT, 3-8 june, 1999, Brussels, Belgium
"Arthroscopic meniscus transplantation using an all inside technique ; min 2-year follow-up"
- EFFORT, 3-8 june, 1999, Brussels, Belgium
"Radiostereometric Analysis (RSA) in knee arthroplasty"
- 67th Annual meeting AAOS, March 15-19, 2000, Orlando ,FL, USA
"Total Knee Arthroplasty in the Patient with a Fixed Flexion Contracture: A Surgical Algorithm"
J. Bellemans, H. Vandenneucker
- International Congress of Arthroscopy and Sports Traumatology, ABA 2000, Oostende, Belgium
"Fixation Strength of meniscal repair devices"
- International Congress of Arthroscopy and Sports Traumatology, ABA 2000, Oostende, Belgium
"Is the Rehabilitation faster in cemented or uncemented Total Knee Arthroplasty,"
J. Bellemans, H. Vandenneucker
- ABA / SFA Combined Meeting Multimedia and the Arthroscopist – Anchoring and Reinsertion,
March 23, 2001, Brussels, Belgium
"Comparison of Meniscal Fixation Systems"
- 69th Annual Meeting AAOS, February 13-17, 2002, Dallas, Texas
"Is there a Difference in Kinematics Between Mobile Bearing and Fixed Bearing Total Knee Arthroplasty?"
J. Bellemans, H. Vandenneucker
- 69th Annual Meeting AAOS, February 13-17, 2002, Dallas, Texas
"What is Limiting Ultimate Maximal Flexion in Posterior Cruciate Ligament-Retaining Total Knee Arthroplasty,"
J. Bellemans, H. Vandenneucker
- 70th Annual Meeting AAOS, February 6, 2003, New Orleans, USA
"Effect of tibial sloop on flexion in total knee arthroplasty"
- Lentesymposium Belgische Vereniging voor Orthopedie en Traumatologie, March 15, 2003, Roeselare, Belgium
" Overbelastingsletsels bij het kind"
- Orthoconcepts, January 23-24, 2004, Pellenberg, Belgium
"Current Concepts of lateral patellar dislocation"
- Second State of the Art in total knee arthroplasty course, june 22-23, 2004, Brugge, Belgium
"Minimal invasive TKA- live surgery moderation"
- Basic Recon Training, May 26, 2005, Barcelona, Spain
"Surgical Approaches in TKA"
"Surgical Principles in TKA"
"Ligament Balancing in the Varus Knee"
"Ligament Balancing in the Valgus Knee"
"Flexion-Extension Balancing"
"Complications in TKA"
"The Stiff Knee"
"Principles in Revision TKA ; Septic Loosening"
- EORS Congress, June 4-7, 2005, Lissabon, Portugal
"Stress Relaxation in total knee arthroplasty"

- 7th Congress of the European federation of National Associations of Orthopaedics and Traumatology (EFFORT), June 4-7, 2005, Lissabon, Portugal
"Ligament balancing in the navigation-assisted total knee arthroplasty; the effect of stress relaxation"
- Belgian Knee Society, May 10, 2006, Aalst, Belgium
"Anatomy and Biomechanics of the PCL and its impact on PCL-reconstruction"
- Leuvense Dagen voor Huisartsen, 18 november, 2005, Pellenberg, Belgium
"Functionele Anatomie en patho-anatomie van de knie"
"De totale knieprothese in de behandeling van knie-artrose"
- Huisartsensymposium 23 september, 2006, Herent, Belgium
"Acute en chronische kniepathologie in de huisartsenpraktijk"
- 3rd State-of-the-Art in Revision Knee Arthroplasty, June 14-15,2007, Nijmegen, Netherlands
"Bone Loss in Revision TKA"
"The Infected TKA; diagnosis and management"
- Cross-selling training S&N September 12,2007, Haasrode, Belgium
"Revision Knee Surgery; Tips and Tricks"
- Soft Tissue and Bone Sparing Solutions in Knee Arthroplasty, September 17-18,2007, Pellenberg, Belgium
"Patellofemoral Arthroplasty : Biomechanical Issues"
- Innovative Concepts in Knee Joint Surgery, April 3-5,2008, Barcelona, Spain
"Normal / Abnormal Knee Kinematics"
"Early Results Journey BCS"
"Principles of Revision TKA"
"My Experience with Infections; The Pellenberg Protocol"
- The Nordic Masters Course on Revision TKA, June 2-3,2008, Stockholm, Sweden
"Bone Loss in Revision TKA"
"Component Malplacement; How to diagnose and treat?"
"The future of TKA"
- 3rd European Advanced Course on Knee Arthroplasty, June 11-13,2008, Brugge, Belgium
"Cementation tibia/femur"
- 4th State of the Art in Revision Knee Arthroplasty meeting, June 26-27,2008, Nijmegen, Netherlands
"Bone loss in Revision Surgery"
"Infection in TKA"
- European Sports Medicine & Knee Arthroplasty Meeting "The Knee , Our Universe", October 8-12,2008, Frankfurt, Germany
"The Infected Knee"
- BVOT Spring symposium " Anterior Knee pain Symposium", Saturday, March 21, 2009, Ghent, Belgium
"The degenerative patellofemoral joint"
- 5th State of the Art in Revision knee Arthroplasty meeting, June 18-19,2009, Nijmegen, Netherlands
"Hinge versus CCK"
"Bone Loss in revision TKA"
"Infection"
- Turkish knee Meeting, October 9-10,2009, Istanbul, Turkey
"How to deal with extensive bone loss in revision TKA"

- EKA Meeting, November 27,2009, Barcelona, Spain
"Case Discussion"
- Nurse Meeting, November 20,2009, Bierbeek, Belgium
"Orthopedische Chirurgie"
- 14th ESSKA Congress, June 9-12,2010, Oslo Norway
"High Flexion and High Performance Knee Designs; An Overview"
- 6th State of the Art in Revision knee Arthroplasty meeting, June 17-18,2010, Nijmegen, Netherlands
"Hinge versus CCK"

MEMBERSHIPS

Member of the ' Belgische Vereniging voor Orthopedie en Traumatologie'

Member of the' Belgian Knee Society'

Member of the ESSKA (European Society of Sports traumatology, Knee surgery and Arthroscopy) and the subdivision EKA.