

Naam: Kristoff Corten
Geboortedatum: 08 november 1977
Functie: Orthopedisch chirurg
Verantwoordelijke IORT

OPLEIDING

Promotie tot 'arts' : Juli 2002 K.U.Leuven
Promotie tot 'Orthopedisch chirurg en Traumatologie': Juni 2008 K.U.Leuven

RESIDENCY

2004 - 2005: Resident training from August 2002 until June 2008 of which one year training at the Princess Elisabeth Orthopaedic Center, Exeter, United Kingdom.

07.2008 - 06.2009: Fellowship Adult Reconstructive Surgery of the Lower Limb at the London Health Science Center, London, Ontario, Canada under charge of Dr. Steven MacDonald and Dr. Robert Bourne (July 2008- June 2009).

05.10.2009– 30.10.2009: Clinician fellowship at the Mayo Clinic, Rochester, Minnesota under charge of Dr. Aarlen Hanssen 5-30 October 2009.

01.01.2010-31.03.2010: Accepted for a 3-month clinical fellowship in Bern/Zurich, Switzerland with Prof. Dr. Ganz and Prof. Dr. Leunig for peri-acetabular osteotomies and the treatment of the young adult hip.

01.09.2009– present: Orthopaedic surgery
Heuppathologie
UZ Leuven campus Pellenberg

WETENSCHAPPELIJKE LIDMAATSCHAPPEN

- ∂ BVOT (Belgian Association of Orthopaedic and Traumatology Surgeons)
- ∂ Belgian Hip Society

WETENSCHAPPELIJKE AWARDS

- ∂ "Posterolateral corner injuries of the knee: end of a sportscarreer?" Bruccosport Best Paper Award, October 2002.
- ∂ Clinical research grant 2009-2010 of University Hospital Leuven.
- ∂ Application running for a research grant of FWO Flanders, 2010, Belgium (Scientific Fund for Fundamental Scientific Research in Flanders, Belgium)

NATIONALE EN INTERNATIONALE PRESENTATIES

- ∂ **“Posterolateral corner injuries in the athlete: end of a sportscarreer?”** Presented at the 2th European Congress of Sport Traumatology in Monaco, 3th of May, 2003. (podium)
- ∂ **“Peri-prosthetic femoral fractures in 54 elderly patients: results and complications at the Traumatology department of the Catholic University of Leuven.”** Presented at the meeting of the European Traumatology Society in Lublijana, Slovenia, the 14th of May 2006. (podium)
- ∂ **“Preliminary results of gait analysis in Surface Replacement Arthroplasty of the hip: The Posterolateral versus the Lateral Surgical Approach.”** Presented at the International Hip Meeting, 19-21 June 2007, Leuven, Belgium. (podium)
- ∂ **“Functional evaluation of the lateral approach in hip surface replacement arthroplasty.”** Presented in Dreesden, Germany, at the Master Class Meeting for Surface Replacement Hip Surgery organised by Zimmer from 29-30th of March 2007. (podium)
- ∂ **“The results of 40 periprosthetic fractures treated with a plate and cable system”.** Presented at the BVOT spring meeting 17-18 April 2008. (podium)
- ∂ **“The results of 40 periprosthetic fractures treated with a plate and cable system”.** Presented at the European Congress of Trauma and Emergency Surgery (ESTES), Budapest, 24-27 May 2008. (podium)
- ∂ **“B2 and B3 type periprosthetic fractures treated with a long, fully coated uncemented revision stem: 17 modular stems vs 18 Wagner stems.”** Presented at the European Congress of Trauma and Emergency Surgery (ESTES), Budapest, 24-27 May 2008. (podium)
- ∂ **“Reconstruction of Acetabular Hip Biomechanics with Surface Replacement Arthroplasty.”** Presented at the EFORT meeting in Vienna 3-6 June 2009. (nominated for the best poster award)
- ∂ **“Reconstruction of Acetabular Hip Biomechanics with Surface Replacement Arthroplasty.”** Presented at the Canadian Orthopaedic Association (COA) meeting in Whistler 3-6 July 2009. (podium)
- ∂ **“Reconstruction of Femoral Hip Biomechanics with Surface Replacement Arthroplasty.”** Presented at the Canadian Orthopaedic Association (COA) meeting in Whistler 3-6 July 2009. (poster)
- ∂ **“Reconstruction of Femoral Hip Biomechanics with Surface Replacement Arthroplasty.”** Presented at the EFORT meeting in Vienna 3-6 June 2009. (poster)
- ∂ **“Accuracy of the BHR Femoral Component Positioning using the Jig Instrumentation.”** Presented at the Canadian Orthopaedic Association (COA) meeting in Whistler 3-6 July 2009. (poster)
- ∂ **“Accuracy of the BHR Femoral Component Positioning using the Jig Instrumentation.”** Presented at the EFORT meeting in Vienna 3-6 June 2009. (upgraded poster to podium)
- ∂ **“The effect of surgical interventions on the femoral biomechanics of the resurfaced hip.”** Presented at the Canadian Orthopaedic Association (COA) meeting in Whistler 3-6 July 2009. (poster)
- ∂ **“The effect of surgical interventions on the femoral biomechanics of the resurfaced hip.”** Presented at the Annual EFORT meeting in Vienna 3-6 June 2009. (podium)
- ∂ **“How Can we Significantly Change the Biomechanics of the Surface Replaced Proximal Femur?”** Presented at the Annual EFORT meeting in Vienna 3-6 June 2009. (poster)

- ∂ **“A surgical treatment algorithm using the lateral plate and cable system for periprosthetic fractures of the femur around a well-fixed stem.”** Presented at the EFORT meeting in Vienna 3-6 June 2009. (poster)
- ∂ **“A surgical treatment algorithm using the lateral plate and cable system for periprosthetic fractures of the femur around a well-fixed stem.”** Presented at the Canadian Orthopaedic Association (COA) meeting in Whistler 3-6 July 2009. (podium)
- ∂ **“Mid-term Results Of Solid Trispike Reflection™ Cementless Acetabular Component For Primary THR. A 5- to 11-year follow-up study.”** Presented at Annual COA meeting in Whistler 3-6 July 2009. (poster)
- ∂ **“Results of Long Stemmed Cemented Femoral Revisions for Periprosthetic Femoral fractures in the Elderly.”** Presented at Annual COA meeting in Whistler 3-6 July 2009. (poster)
- ∂ **“Early Complications of Surface Replacement Arthroplasty of the Hip: A 1 to 5 year follow-up study.”** Presented at Annual COA meeting in Whistler 3-6 July 2009. (poster)
- ∂ **“Cemented and cementless THA: results of a randomized controlled trial at 17 to 21 years.”** Presented at Annual COA meeting in Whistler 3-6 July 2009. (podium)
- ∂ **“The fate of the unseated cup in the Birmingham Hip Resurfacing.”** Accepted for presentation AAOs meeting 2010. (poster)
- **“Periprosthetic fractures of the femur: a review.”**
Presented at the post-graduate meeting in the University Hospitals Leuven, Belgium, 25 November 2006.
- **“Cartilage damage determines intermediate outcome in the late multiple ligament and posterolateral corner reconstructed knee. A 5-10 year follow-up study.”**
The results of this work were presented at the annual Resident's congress University Hospital Leuven, 21 June 2006.
- **“The results of B1- periprosthetic fractures treated with a plate and cable system”.**
The results of this work were presented at the annual Resident's congress University Hospital Leuven, 25 June 2008.
- **“A swollen and tender calf following an irrigation pump assisted arthroscopic synovectomy for a corticoid induced septic arthritis of the knee”**
Presented at the Belgian Knee Society Meeting for Residents, 7th of November 2007.

PEER REVIEWED JOURNAL PUBLICATIONS

- ∂ **“Cartilage damage determines intermediate outcome in the late multiple ligament and posterolateral corner reconstructed knee. A 5-10 year follow-up study.”**
- ∂ **Corten K**, Bellemans J. Am J Sports Med, 36:267-275 (2008) (IF 3,397)
- ∂ **“Evaluation of rotational gait deviations in children with CP”**
- ∂ K. De Sloovere, G. Molenaers, **K. Corten**, I. Jonkers, J. Nijs. Gait and Posture 16 (suppl.1): S119-120. (IF 1,976)
- ∂ **“Surgical treatment for chronic bursitis of the medial collateral ligament of the knee”** **Corten K**, Vandenneucker H, Van Lauwe J, Bellemans J. Am J Sports Med. 2009;37(3):610-3. (IF 3,397)

- ∂ **“A pyogenic, ruptured Baker’s cyst induced by arthroscopic pressure pump irrigation ”** Corten K, Vandenneucker H, Reynders P, Nijs S, Pittevels T, Bellemans J. Knee Surg Sports Traumatol Arthrosc. 2009;17(3):266-9. (IF 1,626)
- **“Bilateral patellar Kohler’s disease in an eleven year old with growth retardation. A case report”** Corten K, Vandenneucker H, Molenaers G, Bellemans J, Moens P. Acta Orthopaedica Belgica. 2009;75(2):273-6.
 - **“Long-term results of isolated anterolateral bundle reconstructions of the posterior cruciate ligament: a 6-12 year follow-up study.”** Hermans S, Corten K, Bellemans J. Am J Sports Med 2009;37(8):1499-507. (IF 3,397)
 - **“Surgical treatment of Stener-like lesions of the medial collateral ligament of the knee.”** Corten K, Hoser C, Fink C, Bellemans J. Clin Orthop Rel Res 2009 July E-pub ahead of print. (IF 1.891).
 - **“A surgical treatment algorithm using the lateral plate and cable system for periprosthetic fractures of the femur around a well-fixed stem”** Corten K, Vanrykel F, Bellemans J, Reynders P, Simon JP, Broos P. J Bone Joint Surg Br 2009; 91:1424-30 (IF 1.868).
 - **“Acetabular options: notes from the other side.”** Corten K, Au K, Bourne RB. Orthopaedics 2009;32(9).
 - **“What do we learn from the National Joint Replacement Registries on Hip Resurfacing?”** Corten K, MacDonald SJ. Clin Orthop Rel Res E-pub ahead 18 November 2009 (IF 1.891).

GEPUBLICEEERDE ABSTRACTS

All the abstracts of the aforementioned presentations were published in the respective meeting books.

BOOK CHAPTERS

- “Combined PCL and posterolateral corner reconstructions: acute and chronic injuries. The place of high tibial osteotomy”. Corten K and J. Bellemans, Chapter in a reference book on Knee Surgery, edited by Springer, due to be published in 2009.
- “Why do I always resurface the patella?” Corten K and MacDonald SJ, Chapter in a reference book on Knee Surgery, edited by Springer, due to be published in 2009.
- “Removal of components in revision TKA: technical tips” Corten K and MacDonald SJ, Chapter in a reference book on Knee Surgery, edited by Springer, due to be published in 2009.
- “The uncemented tapered femoral component” Corten K and Bourne RB, Chapter in a reference book on Hip Surgery, editor D. Berry, due to be published in of 2010.

RESEARCH

- PhD Research Project at the Catholic University Leuven, Belgium (18 April 2007-18 April 2012): "**Large diameter Metal-on-Metal bearings in Hip Replacement. A clinical, functional and biomechanical analysis.**" Promotor: Prof. Dr. JP Simon, co-Promotor: Prof. Dr. PLO Broos and Prof. Ir. J Vandersloten.