

Curriculum Vitae of Dr. Kristoff Corten, °8/11/1977



A. Name and General Information

- name: Corten Kristoff
- date of birth: 08/11/1977, Turnhout

B. Special awards

- *“Posterolateral corner injuries of the knee: end of a sportscarreer?”* Bruccosport Best Paper Award, October 2002, Bruges
- *“Minimum 10 year results of the Reflection second generation acetabular component”* Best poster award presented at COA meeting, 17-20 June 2010, Edmonton, Canada (poster)
- *“Histologic assessment of acetabular labrum healing”* Richard Villar Trainee Excellence In Clinical Research Award. 2012 ISHA Annual Scientific Meeting, September 27-29, 2012 in Boston, Massachusetts (MA) (podium)

C. Scientific presentations: national and international

- *“Posterolateral corner injuries in the athlete: end of a sportscarreer?”* Presented at the 2th European Congress of Sport Traumatology, 3th of May 2003, Monaco (podium)
- *“Peri-prosthetic femoral fractures in 54 elderly patients: results and complications at the Traumatology department of the Catholic University of Leuven.”* European Traumatology Society in Lublijana, 14 of May 2006, Slovenia (podium)
- *“Preliminary results of gait analysis in Surface Replacement Arthroplasty of the hip: The Posterolateral versus the Lateral Surgical Approach.”* International Hip Meeting, 19-21 June 2007 (poster)
- *“The results of 40 periprosthetic fractures treated with a plate and cable system”.* BVOT spring meeting, 17-18 April 2008, Antwerp (podium)

- ***“The results of 40 periprosthetic fractures treated with a plate and cable system”.*** European Congress of Trauma and Emergency Surgery (ESTES), 24-27 May 2008, Budapest, (podium)
- ***“B2 and B3 type periprosthetic fractures treated with a long, fully coated uncemented revision stem: 17 modular stems vs 18 Wagner stems.”*** European Congress of Trauma and Emergency Surgery (ESTES), 24-27 May 2008, Budapest, (podium)
- ***“Reconstruction of Acetabular Hip Biomechanics with Surface Replacement Arthroplasty.”*** EFORT meeting, 3-6 June 2009, Vienna (nominated for the best poster award)
- ***“Reconstruction of Acetabular Hip Biomechanics with Surface Replacement Arthroplasty.”*** Canadian Orthopaedic Association (COA) meeting, 3-6 July 2009, Whistler (podium)
- ***“Reconstruction of Femoral Hip Biomechanics with Surface Replacement Arthroplasty.”*** Canadian Orthopaedic Association (COA) meeting, 3-6 July 2009, Whistler (poster)
- ***“Reconstruction of Femoral Hip Biomechanics with Surface Replacement Arthroplasty.”*** EFORT meeting, 3-6 June 2009, Vienna (poster)
- ***“Accuracy of the BHR Femoral Component Positioning using the Jig Instrumentation.”*** Canadian Orthopaedic Association (COA) meeting, 3-6 July 2009, Whistler (poster)
- ***“Accuracy of the BHR Femoral Component Positioning using the Jig Instrumentation.”*** EFORT meeting, 3-6 June 2009, Vienna (upgraded poster to podium)
- ***“The effect of surgical interventions on the femoral biomechanics of the resurfaced hip.”*** Canadian Orthopaedic Association (COA) meeting, 3-6 July 2009, Whistler (poster)
- ***“The effect of surgical interventions on the femoral biomechanics of the resurfaced hip.”*** EFORT meeting, 3-6 June 2009, Vienna (podium)
- ***“How Can we Significantly Change the Biomechanics of the Surface Replaced Proximal Femur?”*** EFORT meeting, 3-6 June 2009, Vienna (poster)
- ***“A surgical treatment algorithm using the lateral plate and cable system for periprosthetic fractures of the femur around a well-fixed stem.”*** EFORT meeting, 3-6 June 2009, Vienna (poster)
- ***“A surgical treatment algorithm using the lateral plate and cable system for periprosthetic fractures of the femur around a well-fixed stem.”*** COA meeting, 3-6 July 2009, Whistler (podium)

- ***“Mid-term Results Of Solid Trispiked Reflection™ Cementless Acetabular Component For Primary THR. A 5- to 11-year follow-up study.”*** COA meeting, 3-6 July 2009, Whistler (poster)
- ***“Results of Long Stemmed Cemented Femoral Revisions for Periprosthetic Femoral fractures in the Elderly.”*** COA meeting, 3-6 July 2009, Whistler (poster)
- ***“Early Complications of Surface Replacement Arthroplasty of the Hip: A 1 to 5 year follow-up study.”*** COA meeting, 3-6 July 2009, Whistler (poster)
- ***“Cemented and cementless THA: results of a randomized controlled trial at 17 to 21 years.”*** COA meeting, 3-6 July 2009, Whistler (podium)
- ***“The fate of the unseated cup in the Birmingham Hip Resurfacing.”*** AAOS meeting 9-13 March 2010, New Orleans (poster)
- ***“The prognosticators for intermediate term osteoarthritis of the hip following Slipped Capital Femoral Epiphysis.”*** BVOT meeting, 19-22 May 2010, Ostend
- ***“What works best, a cemented or cementless primary THR? 20 Year results of a RCT.”*** EFORT meeting, 2-5 June 2010, Madrid (e-poster)
- ***“Mid-term Results Of Solid Trispiked Reflection™ Cementless Acetabular Component For Primary THR. A 5- to 11-year follow-up study.”*** EFORT meeting, 2-5 June 2010, Madrid (podium)
- ***“Long Cemented Stem Constructs tot treat Vancouver B2 Periprosthetic Fractures in the Compromised Patient.”*** EFORT meeting, 2-5 June 2010, Madrid (e-poster)
- ***“What happens if the acetabular component of the Birmingham Hip Resurfacing is not fully seated?”*** EFORT meeting, 2-5 June 2010, Madrid (e-poster)
- ***“Learning curve and femoral component positioning of surface replacement arthroplasty of the hip: computed navigation versus jig instrumentation”*** EFORT meeting, 2-5 June 2010, Madrid (e-poster)
- ***“Age and co-morbidity level determine outcome of extensively coated stems to treat periprosthetic fractures.”*** EFORT meeting, 2-5 June 2010, Madrid (e-poster)
- ***“Minimum 10 year results of the Reflection second generation acetabular component”*** COA meeting, 17-20 June 2010, Edmonton, Canada (best poster award)
- ***“Torsional injuries of the lower limb: An analysis of frictional torque between different types of artificial grass and shoe outsoles”*** EFORT meeting, 2-5 June 2010, Madrid (e-poster)
- ***“The prognosticators for intermediate term osteoarthritis of the hip following Slipped Capital Femoral Epiphysis.”*** IFPOS, 8-11 September 2010, Seoul, Korea.
- ***“What works best, a cemented or cementless primary THR? 20 Year results of a RCT.”*** COMOC, 14 September 2010, Glasgow

- ***“Infection in primary THA after intra-articular steroid injection.”*** European Hip Society, 9-11 Athens, 2010 (podium)
- ***“The use of pre-operative DEXA scans to evaluate bone quality in hip resurfacing: a pilot study.”*** European Hip Society, 9-11 Athens, 2010 (podium)
- ***“Hip resurfacing arthroplasty in older patients.”*** European Hip Society, 9-11 Athens, 2010 (podium)
- ***“Bowling of the femur: A new reference plane for axial alignment of total knee replacements”*** Annual meeting of Orthopaedic Research Society, Long Beach, 13-16 January 2011.
- ***“The effect of component placement on joint loading and contact stress of resurfacing arthroplasty of the hip”*** Annual meeting of Orthopaedic Research Society, 13-16 January 2011, Long Beach (poster)
- ***“What works best, a cemented or cementless primary THR? 20 Year results of a RCT”*** AAOS, 15-19 February 2010, San Diego (poster)
- ***“A >20 Year Comparison of Cemented and Cementless Femoral Stems In Primary Total Hip Replacement”*** AAOS, 15-19 February 2010, San Diego (podium)
- ***“The effect of component placement on joint loading and contact stress of resurfacing arthroplasty of the hip”*** EFORT meeting, 1-4 June 2011, Copenhagen
- ***“Ectopic ossification of the acetabular rim in coxa profunda. A novel pathophysiological entity in pincer impingement”*** EFORT meeting, 1-4 June 2011, Copenhagen (podium)
- ***“The prognosticators for long term functional outcome and osteoarthritis of the hip following Slipped Capital Femoral Epiphysis”*** EFORT meeting, 1-4 June 2011, Copenhagen (podium)
- ***“Hip resurfacing arthroplasty in older patients.”*** EFORT meeting, 1-4 June 2011, Copenhagen (e-poster)
- ***“Infection in primary hip replacements after previous injection of intra-articular steroid”*** EFORT meeting, 1-4 June 2011, Copenhagen (e-poster).
- ***“To scope or not to scope”*** Presentation on SORBCOT-BVOT meeting, 6 May 2011, Liège
- ***“ORIF in peri-prosthetic fractures of the femur around a THA”*** Invited speaker at the BOTA meeting, 10 september 2011, Antwerp
- ***“The Effect of Femoral Component Placement on Contact Stresses and Range of Motion of Resurfacing Arthroplasty of the Hip”*** ISTA meeting, 20-23 September 2011, Bruges (podium)
- ***“Bowling of the Femur: A New Reference Plane for Axial Alignment of Total Knee Replacements”*** ISTA meeting, 20-23 September 2011, Bruges (podium)

- ***“A Low Complication Rate With Anterior Total Hip Arthroplasties Conducted on a Regular or Table.”*** ISTA meeting, 20-23 September 2011, Bruges (poster)
- ***“The Prognosticators for Intermediate Term Osteoarthritis of the Hip Following Slipped Capital Femoral Epiphysis”*** ISTA meeting, 20-23 September 2011, Bruges (poster)
- ***“Bone Apposition of the Acetabular Rim in Deep Hips: A Distinct Finding of Global Pincer Impingement”*** ISTA meeting, 20-23 September 2011, Bruges (poster)
- ***“Lack of Accurate Reconstruction of the Femoral Biomechanics Is Associated With Increased Contact Stresses and Gait Aberrations Following Hip Resurfacing”*** ISTA meeting, 20-23 September 2011, Bruges (poster)
- ***“The Clinical Relevance and Validation of a Novel Technique to Measure the Abductor Moment Arm of on a Pelvic Radiograph”*** ISTA meeting, 20-23 September 2011, Bruges (poster)
- ***“Is there still a place to treat Vancouver type B2 fractures conservatively?”*** ISTA meeting, 20-23 September 2011, Bruges (podium)
- ***“Clinical gait analysis in patients following total hip resurfacing: effect of surgical approach on biomechanical behaviour”*** ISB meeting, 7 July 2011, Brussels (podium)
- ***“Variables Influencing The Functional Outcome Scores Of The Hip”*** AAOS meeting, 7-11 February 2012 San Francisco (podium)
- ***“A biomechanical evaluation of the interprosthetic distance as a risk factor for periprosthetic fractures of the femur: does the gap distance matter?”*** Presentation at the annual ORS meeting, 4-7 February 2012, San Francisco (Poster nr 425)
- ***“Anatomy of the hip. Arthroscopic landmarks and portals”*** Invited speaker at the 4th International Hip Arthroscopy Course, 25-26th November 2011, Ypres
- ***“Bone apposition of the acetabular rim in deep hips”*** Invited speaker at the 4th International Hip Arthroscopy Course, 25-26th November 2011, Ypres
- ***“A biomechanical evaluation of the interprosthetic distance as a risk factor for periprosthetic fractures of the femur: does the gap distance matter?”*** EFORT meeting, 23-25 May 2012, Berlin (poster).
- ***“Variables Influencing The Functional Outcome Scores Of The Hip”*** EFORT meeting, 23-25 May 2012, Berlin (podium)
- ***“The risk of blood transfusion in two-stage bilateral total hip arthroplasty”*** EFORT meeting, 23-25 May 2012, Berlin (podium)
- ***“Torsional injuries of the lower limb: An analysis of the frictional torque between different types of football turf and the shoe outsole”*** International conference on sports rehabilitation and traumatology, 21-22 April 2012, London (Chelsea) (podium)

- ***“What is the best way to fix a meniscal scaffold?”*** ESSKA meeting, 2 May 2012, Geneva (podium)
- ***“Open surgical dislocation: a powerful tool in joint preservative surgery of the hip”*** BHS meeting, 17 March 2012 (podium)
- ***“Incidence and prognosticators for Injuries in Belgian Soccer players: evolution over the past decade”*** International conference on sports rehabilitation and traumatology, 21-22 April 2012, London (Chelsea) (podium)
- ***“Functional scores following THA/SRA: are we normal?”*** Annual meeting of the BVOT, 21-22 June 2012, Bruges (podium)
- ***“Extra-articular impingement in THA/SRA: the “hidden” aliens in THA/SRA?”*** Annual meeting of the BVOT, 21-22 June 2012, Bruges (podium)
- ***“The learning curve complication rate of the direct anterior approach on a regular OR table is lower than the reported complication rate of the same approach on the traction table.”*** European Hip Society meeting, 20-22 September 2012, Milano (podium)
- ***“The interprosthetic gap as a risk factor for peri-prosthetic fractures of the femur. A biomechanical evaluation.”*** European Hip Society meeting, 20-22 September 2012, Milano (podium)
- ***“The influence of interprosthetic gap on single-plate fracture reconstruction with or without anterior strut allograft. A biomechanical evaluation.”*** European Hip Society meeting, 20-22 September 2012, Milano (podium)
- ***“Is There Still a Place for Conservative Treatment of a Vancouver Type B2 Burst Fracture Around a Cemented Polished Tapered Stem?”*** European Hip Society meeting, 20-22 September 2012, Milano (podium)
- ***“The direct anterior approach on a regular OR table with one assistant next to the surgeon: description of a safe technique in 300 cases.”*** European Hip Society meeting, 20-22 September 2012, Milano (poster)
- ***“Sciatic Nerve Palsy in Posterolateral Total Hip Arthroplasty: Do Nerve Exposure and Gluteal Sling Release make any Difference?”*** European Hip Society meeting, 20-22 September 2012, Milano (poster)
- ***“Peri-articular pain following a THA conducted through the direct anterior and postero-lateral approach: A neglected problem?”*** European Hip Society meeting, 20-22 September 2012, Milano (poster)
- ***“Is pinning in situ for slipped femoral capital epiphysis a safe procedure in the long run? Results from a 17 year follow-up study.”*** European Hip Society meeting, 20-22 September 2012, Milano (poster)

- ***"Cost evaluation of the direct anterior and posterolateral surgical approach in THA."*** European Hip Society meeting, 20-22 September 2012, Milano (poster)
- ***"The interprosthetic gap as a risk factor for peri-prosthetic fractures of the femur. A biomechanical evaluation."*** European Orthopaedic Research Society, 26-28 September 2012, Amsterdam (podium)
- ***"The influence of interprosthetic gap on single-plate fracture reconstruction with or without anterior strut allograft. A biomechanical evaluation."*** European Orthopaedic Research Society, 26-28 September 2012, Amsterdam (podium)
- ***"The influence of interprosthetic gap on single-plate fracture reconstruction with or without anterior strut allograft. A biomechanical evaluation."*** European Orthopaedic Research Society, 26-28 September 2012, Amsterdam (poster)
- ***"The interprosthetic gap as a risk factor for peri-prosthetic fractures of the femur. A biomechanical evaluation."*** European Orthopaedic Research Society, 26-28 September 2012, Amsterdam (poster)
- ***"Hip Resurfacing Arthroplasty in Older Patients"*** European Orthopaedic Research Society, 26-28 September 2012, Amsterdam (poster)
- ***"The Use of Preoperative DEXA Scans to Evaluate Bone Quality in Hip Resurfacing"*** European Orthopaedic Research Society, 26-28 September 2012, Amsterdam (poster)
- ***"Validity and reliability of newly developed hip muscle strength tests"*** ESMAC meeting 12-14 September 2012, Stockholm (poster)
- ***"Early clinical gait analysis of patients following direct anterior approach total hip arthroplasty"*** ESMAC meeting 12-14 September 2012, Stockholm (podium)
- ***"The Direct Anterior Approach on a Regular OR Table with One Ipsilateral Assistant: Development of a Safe and Cost-efficient Surgical Technique."*** Scientific exhibit at the AAOS, Chicago, 18-22 March 2013.
- ***"Hip Abductor Moment Arm: validity, reliability and clinical application of a new measurement technique."*** Accepted for presentation at International Society of Biomechanics meeting, 2014, Brazil.
- ***"Femoral exposure during the DAA for THA: surgical technique"*** Instructional Course Lecture at AAOS, New Orleans, 11-15 March 2014.
- ***"One assistant surgery in DAA THA"*** Instructional Course Lecture at AAOS, New Orleans, 11-15 March 2014.
- ***"Revision surgery in DAA THA"*** Instructional Course Lecture at AAOS, New Orleans, 11-15 March 2014.

- ***“Is component positioning jeopardized during the learning curve of the direct anterior surgical approach for THA?”*** EFORT meeting, London, 4-6 June 2014 (poster)
- ***“The results of a novel direct anterior approach technique for THA on a regular or table with 1 ipsilateral assistant: complications of 548 primary THA.”*** EFORT meeting, London, 4-6 June 2014 (poster)
- ***“Gait analysis evaluation of patients following total or surface hip replacement with large femoral head sizes: how good are we?”*** EFORT meeting, London, 4-6 June 2014 (podium)
- ***“The direct anterior approach in THA: a call for an evidence based surgical technique with improved outcomes”*** EFORT meeting, London, 4-6 June 2014 (podium)
- ***“Anterior approach in THA”*** London Hip Meeting, London, 10 April 2014 (podium)
- ***“Cement-in-cement treatment of the so called “burst fractures” that we sometimes see with the Exeter stem”*** London Hip Meeting, London, 10 April 2014 (podium)
- ***“Biomechanical investigations around plate-strut fixation in B1 transverse PP fractures”*** London Hip Meeting, London, 10 April 2014 (podium)
- ***“Anterior approach in THA”*** Instructional course, Depuy-Synthes, May 28-29 2014, Bangkok (podium)
- ***“Joint preservative surgery of the hip”*** Instructional course, Mitek Depuy-Synthes, June 20-21 2014, Kiel (podium)
- ***“Anterior approach in THA”*** Instructional course, Depuy-Synthes, July 13-14 2014, Basel (podium)
- ***“How will technology help us in THA?”*** Presentation at the Biomet-Grappiolo Hip Symposium, 17-19 September 2014, Rome (podium).
- ***“Hip joint preservative surgery: I prefer it behind closed doors”*** Presentation at the Biomet-Grappiolo Hip Symposium, 17-19 September 2014, Rome (podium).
- ***“The anatomy of the anterior approach in THA”*** Medacta Instructional Course, 27 September 2014, Turnhout (podium).
- ***“Anterior approach in THA”*** Instructional course, Depuy-Synthes, November 14-15 2014, Basel (podium)
- ***“Anterior approach in THA”*** Instructional course, Depuy-Synthes, February 6-7 2015, Sydney (podium)
- ***“Extra-articular Impingement As A Cause Of Refractive Groin Pain Following Total Hip Replacement”*** Poster presentation at AAOS, Las Vegas, 24-28 March 2015
- ***“Revision Total Hip Arthroplasty Conducted Through The Direct Anterior Approach”*** Scientific Exhibit at AAOS, Las Vegas, 24-28 March 2015.

- ***“Femoral exposure during the DAA for THA: surgical technique”*** Instructional Course Lecture at AAOS, Las Vegas, 24-28 March 2015.
- ***“One assistant surgery in DAA THA”*** Instructional Course Lecture at AAOS, Las Vegas, 24-28 March 2015.
- ***“Revision surgery in DAA THA”*** Instructional Course Lecture at AAOS, Las Vegas, 24-28 March 2015.
- ***“Direct anterior approach with or without assistant in 10 steps”*** Invited speaker at the Porto Hip Meeting, Lisbon 4th of July 2015.
- ***“Direct anterior approach without traction table. Tips and tricks for capsular release”*** Invited speaker at the Porto Hip Meeting, Lisbon 4th of July 2015.
- ***“Direct anterior approach in revision surgery”*** Invited speaker at the Porto Hip Meeting, Lisbon 4th of July 2015.
- ***“Acetabular exposure – retractor placement in DAA THA”*** Invited speaker at the ICJR Meeting, Houston 24-26 2015.
- ***“Pelvic deformities and previous pelvic osteotomy in the DAA THA”*** Invited speaker at the ICJR Meeting, Houston 24-26 2015.
- ***“Acetabular revision DAA THA”*** Invited speaker at the ICJR Meeting, Houston 24-26 2015.
- ***“Femoral exposure during the DAA for THA: surgical technique”*** Instructional Course Lecture at AAOS, Orlando, 2016.
- ***“One assistant surgery in DAA THA”*** Instructional Course Lecture at AAOS, Orlando, 2016.
- ***“Revision surgery in DAA THA”*** Instructional Course Lecture at AAOS, Orlando, 2016.
- ***“Topical Compared to Intravenous Tranexamic Acid in Total Hip Arthroplasty - A Prospective Randomized Trial”*** Oral presentation at AAOS, Orlando, 1-5 March 2016.
- ***“Distal Extension of the Direct Anterior Approach to the Hip - A Cadaveric Feasibility Study”*** Poster presentation at AAOS, Orlando, 1-5 March 2016.
- ***“Topical Compared to Intravenous Tranexamic Acid in Total Hip Arthroplasty - A Prospective Randomized Trial”*** Poster presentation at BHS, Milano, October 2015.
- ***“Distal Extension of the Direct Anterior Approach to the Hip - A Cadaveric Feasibility Study”*** Oral presentation at BHS, Milano, October 2015.
- ***ICJR***

D. Scientific presentations: local and regional

- *“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.”* 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”.* 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, 7 November 2007.
- *“Surgical dislocation of the hip: indications and surgical technique”* Invited speaker at annual symposium of the Belgian Hip Society Turnhout, 17th of March 2012.
- *“Functional scores following THA/SRA: are we normal?”* Presentation at the Resident’s seminar, 17 September 2012.

E. Movies and Slide shows:

- Instructional video “Minimally Invasive Anterior Approach for Total Hip Replacement” (Life Smith & Nephew training session)

F. Post-graduate meetings organised:

- Pentalfa session 28 March 2013: “Direct anterior approach in total hip arthroplasty”

G. Memberships of Orthopaedic Organisations:

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

H. Committee appointments at medical school – residency – fellowship - consultancy:

- January 2002: accepted as first out of 18 candidates for a six year training period as a Specialist Resident towards certification in Orthopaedics and Traumatology
- July 2002: Medical Degree with distinction (cum laude)
- Results of Orthopaedic exams organised by the Belgian Association of Orthopaedic and Trauma surgeons:
 - i. May 2004, general orthopaedic exam following the first 2 years of training: passed with great distinction (magnum cum laude)

- ii. June 2005, Paediatric Orthopaedics, Basic Science and Orthopaedic Oncology exam: passed with great distinction (magnum cum laude)
- iii. June 2006, Upper Limb and Basic Science: passed with great distinction (magnum cum laude)
- iv. June 2007, Lower Limb and Basic Science: passed with distinction (cum laude)
- v. June 2008: Passed the General Belgian Orthopaedic exam (pass or fail exam)
- Resident training from August 2002 until June 2008 of which one year training at the Princess Elisabeth Orthopaedic Center, Exeter, United Kingdom August 2004 – July 2005.
- Fellowship Adult Reconstructive Surgery of the Lower Limb at the London Health Science Centre, London, Ontario, Canada under charge of Prof. Dr. Steven MacDonald and Prof. Dr. Robert Bourne July 2008 - June 2009.
- Clinician fellowship at the Mayo Clinic, Rochester, Minnesota under charge of Prof. Dr. Arlen Hanssen 5-30 October 2009.
- Clinical fellowship in Bern/Zurich, Switzerland with Prof. Dr. Ganz and Dr. Leunig PD for peri-acetabular osteotomies and the treatment of the young adult hip 1 January 2010 - 26 March 2010.
- Assigned as Consultant Orthopaedic Surgeon and staff member with a special interest in adult reconstructive hip surgery and joint preservative surgery of the hip joint at the department of Orthopaedic Surgery, University Hospital Leuven - Pellenberg, Belgium from 1 August 2009 - 8 February 2013.
- Assigned as Director of the Institute for Orthopaedic Research and Training, KU Leuven from 1 August 2009 - 8 February 2013.
- Self-employed 9 February 2013. Member of the Hip Unit of the Associatie Orthopedie Genk since 1st of April 2013.
- Manager of the Heuppraktijk, Herselt.
- Public defense of PhD-manuscript 23th of January 2014: “A critical appraisal of functional outcome assessments in THA: development of a comprehensive outcome platform.”

I. Clinical work – job description:

- Reconstructive surgery of the hip joint:
 - i. Primary total hip replacement
 - ii. Revision hip replacement
- Young adult hip unit: joint preservative surgery of the hip joint of the adolescent and young adult

- i. Arthroscopy of the hip joint
- ii. Open surgical dislocation of the hip
- iii. Post-pediatric diseases of the hip joint in the young adult: relative lengthening of the femoral neck, Dunn osteotomy, labral reconstructions
- iv. Peri-acetabular osteotomies

J. Research grants:

- Clinical research grant (KOF-mandaat) 2009-2013 of University Hospital Leuven.
- Granted IWT-TBM research grant nr 100786 of IWT Flanders, 2011-2015, Belgium: *“A patient specific care plan to treat gait aberrations following primary THA”*
- BVOT research grant 2012: *“The interprosthetic gap as a risk factor for periprosthetic fractures of the femur: A biomechanical evaluation of the optimal reconstruction technique of inter-prosthetic fractures”*

K. Publications in peer-reviewed journals:

- *“Cartilage damage determines intermediate outcome in the late multiple ligament and posterolateral corner-reconstructed knee: a 5- to 10-year follow-up study.”* Corten K, Bellemans J. Am J Sports Med. 2008;36:267-75.
- *“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): S119-20.
- *“Surgical treatment for chronic bursitis of the medial collateral ligament of the knee”* Corten K, Vandenuecker H, Van Lauwe J, Bellemans J. Am J Sports Med. 2009;37:610-3.
- *“A pyogenic, ruptured Baker’s cyst induced by arthroscopic pressure pump irrigation ”* Corten K, Vandenuecker H, Reynders P, Nijs S, Pittevels T, Bellemans J. Knee Surg Sports Traumatol Arthrosc. 2009;17:266-9.
- *“Bilateral patellar Kohler’s disease in an eleven year old with growth retardation. A case report”* Corten K, Vandenuecker H, Molenaers G, Bellemans J, Moens P. Acta Orthopaedica Belgica. 2009;75:273-6.
- *“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;37:1499-507.
- *“Case reports: a Stener-like lesion of the medial collateral ligament of the knee.”* Corten K, Hoser C, Fink C, Bellemans J. Clin Orthop Relat Res. 2010;468:289-93.
- *“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.
- ***“Acetabular options: notes from the other side.”*** Corten K, Au K, Bourne RB. Orthopedics. 2009;32.
 - ***“Hip resurfacing data from the National Joint Replacement Registries: what do they tell us? What do they not tell us?”*** Corten K, MacDonald SJ. Clin Orthop Rel Res. 2010;468:351-7.
 - ***“Automated method for computing the morphological and clinical parameters of the proximal femur using heuristic modeling techniques.”*** Cerveri P, Marchente M, Bartels W, Corten K, Simon JP, Manzotti A. Ann Biomed Eng. 2010;38:1752-66.
 - ***“Ceramic on ceramic bearings: for the hard of hearing and lives alone.”*** Corten K, MacDonald SJ. Seminars in Arthroplasty 2010;21:24-26 .
 - ***“What works best, a cemented or cementless primary total hip arthroplasty?: minimum 17-year followup of a randomized controlled trial.”*** Corten K, Bourne RB, Charron KD, Au K, Rorabeck CH. Clin Orthop Relat Res. 2011;469:209-17.
 - ***“Towards automatic computer-aided knee surgery by innovative methods for processing the femur surface model.”*** Cerveri P, Marchente M, Bartels W, Corten K, Simon JP, Manzotti A. Int J Med Robot. 2010;6:350-61.
 - ***“Results of cemented femoral revisions for periprosthetic femoral fractures in the elderly.”*** Corten K, Macdonald SJ, McCalden RW, Bourne RB, Naudie DD. J Arthroplasty. 2012;27:220-5.
 - ***“Comparison of total hip arthroplasty performed with and without cement: a randomized trial. A concise follow-up, at twenty years, of previous reports.”*** Corten K, Bourne RB, Charron KD, Au K, Rorabeck CH. J Bone Joint Surg Am. 2011;93:1335-8.
 - ***“Cemented versus cementless stems: a verdict is in.”*** Bourne RB, Corten K. Orthopedics. 2010;33:638.
 - ***“Hip resurfacing arthroplasty: current status and future perspectives.”*** Corten K, Ganz R, Simon JP, Leunig M. Eur Cell Mater. 2011;21:243-58.
 - ***“Bone apposition of the acetabular rim in deep hips: a distinct finding of global pincer impingement.”*** Corten K, Ganz R, Chosa E, Leunig M. J Bone Joint Surg Am. 2011;93 Suppl 2:10-6.
 - ***“Midterm results of 506 solid trispike reflection cementless acetabular components for primary total hip arthroplasty.”*** Corten K, McCalden RW, Teo Y, Charron KD, MacDonald SJ, Bourne RB. J Arthroplasty. 2011;26:1350-6.
 - ***“Sports injuries around the hip joint in children and adolescents”*** Tijdschrift van de Belgische Kinderarts 2011;13:24-30.

- ***“Knee ligament injuries in the skeletally immature patient”*** Tijdschrift van de Belgische Kinderarts 2011;13:14-16.
- ***“Removal of an intra-pelvic socket: description of a safe surgical algorithm.”*** Maeckelberg L, Simon JP, Naudie D, Macdonald S, **Corten K**. Acta Orthop Belg. 2012;78:152-7.
- ***The minimum 10-year results of a second-generation cementless acetabular shell with a polished inner surface.*** Teo YS, **Corten K**, McCalden RW, Macdonald SJ, Bourne RB. J Arthroplasty. 2012;27:1370-5.
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- ***“Torsional injuries of the lower limb: an analysis of the frictional torque between different types of football turf and the shoe outsole.”*** Smeets K, Jacobs P, Hertogs R, Luyckx JP, Innocenti B, **Corten K**, Ekstrand J, Bellemans J. Br J Sports Med. 2012;46:1078-83.
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- ***“The incidence of knee and anterior cruciate ligament injuries over one decade in the Belgian Soccer League.”*** Quisquater L, Bollars P, Vanlommel L, Claes S, **Corten K**, Bellemans J. Acta Orthop Belg. 2013 Oct;79:541-6.
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- ***“Gastrocnemius flap reconstruction of soft-tissue defects following infected total knee replacement.”*** **Corten K**, Struelens B, Evans B, Graham E, Bourne RB, MacDonald SJ. Bone Joint J. 2013;95-B:1217-21.
- ***“Incidence and risk factors of lower leg fractures in Belgian soccer players.”*** Vanlommel L, Vanlommel J, Bollars P, Quisquater L, Van Crombrugge K, **Corten K**, Bellemans J. Injury. 2013;44:1847-50.
- ***“The effectiveness of preventive programs in decreasing the risk of soccer injuries in Belgium: national trends over a decade.”*** Bollars P, Claes S, Vanlommel L, Van Crombrugge K, **Corten K**, Bellemans J. Am J Sports Med. 2014;42:577-82.
- ***“The incidence of knee and anterior cruciate ligament injuries over one decade in the Belgian Soccer League.”*** Quisquater L, Bollars P, Vanlommel L, Claes S, **Corten K**, Bellemans J. Acta Orthop Belg. 2013;79:541-6.

L. Published abstracts:

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

M. Non-peer reviewed publications:

- *“Osteosarcoma of the talus”* Tijdschrift voor Geneeskunde 2008.
- *“Sportletsels van het onderste lidmaat bij het kind”* Percentiel 2012.

N. Book chapters:

- *“PCL injury associated with a posterolateral tear”* K. Corten and J. Bellemans, Chapter in a reference book on Knee Surgery “The Knee Joint”, edited by Springer, published in February 2012.
- *“Bicruciate retaining TKA: the future?”* J. Bellemans, K. Corten et al. Chapter in a reference book on Knee Surgery “The Knee Joint”, edited by Springer, published in February 2012.
- *“Why I always resurface the patella in TKA”* K. Corten and SJ. MacDonald, Chapter in a reference book on Knee Surgery, “The Knee Joint”, edited by Springer, published in February 2012.
- *“Revision TKA: component removal”* K. Corten and SJ. MacDonald, Chapter in a reference book on Knee Surgery, “The Knee Joint”, edited by Springer, published in February 2012.
- *“The uncemented tapered femoral component”* K. Corten and RB Bourne, Chapter in a reference book on Hip Surgery, “Surgery of the Hip”, edited by Elsevier, editor D. Berry, published in 2013.
- *“The labral reconstruction technique”* K. Corten and M. Leunig, Chapter in “Hip Arthroscopy and Hip Joint Preservation Surgery” a reference book on hip joint preservative surgery “Hip Arthroscopy and Hip Joint Preservation Surgery” edited by Elsevier published in 2014.