

Curriculum Vitae

Michiel Cromheecke

PERSONAL DETAILS

Name: Michiel Cromheecke
Adress: Grote steenweg 27A
9930 Zomergem, Belgium
Michiel.Cromheecke@gmail.com
+32 (0)498/855836

Nationality: Belgian
Date of birth: 24.04.1989



CURRENT POSITION

2021-Current **Staff member Hand and Wrist Surgery**
AZ Maria Middelaers, Ghent, Belgium

ACADEMIC EDUCATION

2007-2010 **Bachelor of Science in Medicine, Ghent University**
Passed with distinction (Cum laude)

2010-2014 **Master of Medicine, Ghent University**
Passed with great distinction (Magna cum laude)

2013-2014 **Post Graduate training program “Sports Medicine”, Ghent University**

2014-2020 **Master of Medicine in Specialist Medicine, Orthopaedic Surgery, Interuniversity national program**

2018-2020 **Belgian Hand Surgery Certificate (BHSC), Interuniversity national program**
Award for highest examination score

2024 **European Boards of Hand Surgery Examination (EBHS)**

FELLOWSHIPS

Aug 2020 - Nov 2020 **AZ Monica, Antwerpen, Belgium**
Hand and wrist surgery
Dr. Frederik Verstreken & Dr. Petrus Van Hoonacker

Nov 2020 - Jan 2021 **Clinique Du Parc, Lyon, France**
Shoulder arthroscopy & arthroplasty
Wrist arthroscopy
Dr. Jérôme Garret

Feb 2021 - Apr 2021 **SOS mains Champagne-Ardenne, Reims, France**
Hand and wrist surgery
Wrist arthroscopy and complex traumatology
Dr. Jean Michel Cognet

May 2021 - Jul 2021 **Dr. Piñal y asociados, Madrid/Santander, Spain**

Hand and wrist surgery
Microsurgery and wrist arthroscopy
Dr. Francisco del piñal

POST-GRADUATE TRAINING / RESIDENCY

2014-2015	AZ Jan Palfijn Gent, Belgium Resident general surgery, orthopaedic surgery and traumatology <i>Dr. S. Harth & Dr. A. Harth</i>
2015-2016	AZ Delta Roeselare, Belgium Resident general orthopaedic surgery and traumatology <i>Dr. L Van Den Daelen</i>
2016-2017 2017-2018	OLV Aalst, Belgium Resident general orthopaedic surgery and traumatology <i>Dr. B. Van de Meulebroucke</i>
2018-2019 2019-2020	University hospital Gent, Belgium Resident orthopaedic surgery and traumatology Upper limb surgery <i>Prof. Dr. J. Victor</i>

RESULTS OF ORTHOPAEDIC EXAMS ORGANISED BY THE BELGIAN ASSOCIATION OF ORTHOPAEDIC AND TRAUMA SURGEONS (BVOT)

2016	General orthopaedic exam following the first 2 years of training Passed with great distinction (magna cum laude)
2017	Soft tissue knee surgery, paediatric traumatology, hip surgery and upper limb traumatology Passed with great distinction (magna cum laude)
2018	Knee arthroplasty, orthopaedic oncology, ankle surgery, elective shoulder and elbow surgery Passed with greatest distinction (Summa cum laude)
2019	Orthopaedic infections, Trauma, Spine and orthopaedic paediatrics Passed with great distinction (magna cum laude)

UNDERGRADUATE INTERNSHIPS

Jul 2011- Aug 2011	Rukungiri hospital, Uganda Internship general surgery & orthopaedics
Nov 2012 - Dec 2012	Erasmus MC hospital, Rotterdam, The Netherlands Internship trauma care and surgery <i>Prof. Dr. J.A.N. Verhaar</i>

Jan 2013 - Apr 2013 **Heinrich-Heine-Institut, Düsseldorf, Germany**
 Undergraduate program orthopaedic surgery
Univ.-Prof. Dr. med. Rüdiger Krauspe

Feb 2014 - Jun 2014 **Calmette hospital, Phnom Penh, Cambodia**
 Traumatology and orthopaedic surgery
Dr. Sok Buntha

ADDITIONAL CERTIFICATION

Certificate of health informatics training system (The Irish computer society, 2009)
 The Louisville microsurgery teaching course (Frankfurt, 2020)
 Certification Radioprotection (Belgium, 2020)
 Belgian Hand Surgery Certificate Belgian Hand Group (Belgium, 2018-2020)
Award Highest score

ADDITIONAL COURSES AND CERTIFICATION

Horseback riding instructor (BLOSO, Belgium 2007)
 Training Programme "Rudiments of Electrocardiography" (Gent, Belgium 2011)
 Locking nailing training, stryker (Strasbourg, France 2014)
 AO trauma course - Basic principles of fracture management for ORP (Ovifat, Belgium 2015)
 Advances in Technologies and Techniques: Exeter Course level 2 (Amsterdam, The Netherlands 2016)
 Advanced Shoulder Arthroscopy course (Leuven, 2016)
 Comprehensive Shoulder arthroplasty course, Zimmer Biomet (Vienna, 2016)
 Advanced Hip DAA course, S&N (Croxley, 2017)
 UEFA Football Doctor Education Program (Tubize, 2018)
 Antwerp upper limb course (Antwerp, 2019)
 Advanced Shoulder Arthroplasty course (Leuven, 2019)
 Bio skills advanced shoulder arthroscopy course, Zimmer Biomet (Cologne, 2019)
 IFFSH/IFSHT hand surgery Congres (Berlin, 2019)
 Distal radius fractures – current concepts OB (Ghent, 2019)
 AO trauma course – Advanced principles of fracture management and trauma care (Davos, 2019)
 Interuniversity Course of Hand Surgery (Belgian Hand Surgery Certificate) (Belgium, 2018-2020)
 FESSH hand surgery Congres (online/Vienna, 2020)
 IBRA course -Trauma and Reconstruction of the Upper Limb (Ghent, 2021)
 Cours pratique Société Française de chirurgie de la main (Luxembourg, 2021)
 GEM Congres 2021, Société Française De Chirurgie De La Main (Paris, 2021)
 FESSH 2021 – Online week (online, 2021)
 Antwerp Shoulder arthroplasty course (Antwerp, 2022)
 Green Belt – Value Based Healthcare (Ghent, 2022)
 IRCAD – Basic Course on Ultrasound-guided upper limb surgery (Strasbourg, January 2022)
 IFSSH, IFSHT & FESSH combined congress (London, June 2022)
 50 Years Belgian Hand Group (Leuven, 2022)
 Touch CMC Cadaver course (Antwerp, 2022)
 Cours Pratique Supérieur de la SFCM (Nice, 2022)
 IBRA master course - Optimizing treatment of wrist and elbow fractures (Rotterdam, 2022)
 IRCAD –Ultrasound-guided upper limb surgery (teacher) (Strasbourg, January 2023)
 FESSH ACADEMY (Budapest, February 2023)
 IRCAD –Master course wrist arthroscopy (Strasbourg, March 2023)
 FESSH Advanced hand surgery and arthroplasty course (Budapest, October 2023)
 IRCAD –Ultrasound-guided upper limb surgery (teacher) (Strasbourg, January 2024)
 ESSER Masterclass on flaps (Rotterdam, January 2024)
 SEECO Ultrasound teacher course (teacher) (Madrid, February 2024)

MASTER THESIS

Treatment of cartilage defects in the knee using allogenic chondrocytes - clinical and radiologic outcome.

Promotor: Prof. Dr. Karl Frederik Almqvist

PAPERS

The posterior cruciate ligament: A study on its bony and soft tissue anatomy using novel 3D CT technology.

Van Hoof T, Cromheecke M, Tampere T, D'herde K, Victor J, Verdonk PC

Article published, KSSTA, May 2013

Reliability of a Semi-Automated 3D-CT Measuring Method for Tunnel Diameters after Anterior Cruciate Ligament Reconstruction: a Comparison between Soft-Tissue Allograft vs. Autograft

Robbrecht C, Claes S, Cromheecke M, Mahieu P, Kakavelakis K, Victor J, Bellemans J, Verdonk P

Article published, The Knee, october 2014

Evaluation of kinematic behaviour of an artificial medial meniscus implant: a pilot study using open-MRI

De Coninck T, Elsner J.J., Shemesh M, Linder-Ganz E, Cromheecke M, Verdonk R, Verdonk P

Article published, Clinical Biomechanics, September 2014

The anterior cruciate ligament: A study on its bony and soft tissue anatomy using novel 3D CT technology.

Tampere T, Van Hoof T, Cromheecke M, Van der Bracht H, Chahla J, Victor J, Verdonk PC

Article published, KSSTA, September 2016

Peak stresses shift from femoral tunnel aperture to tibial tunnel aperture in lateral tibial tunnel ACL reconstructions: a 3D graft-bending angle measurement and finite-element analysis.

Hans Van Der Bracht, M.D/Ph.D, Thomas Tampere, M.D, Pieter Beekman, M.D, Alexander Schepens, Wouter Devriendt, Ir, Michiel Cromheecke, M, Peter Verdonk, M.D/Ph.D, Jan Victor, M.D/Ph.D

Article published, KSSTA, February 2018

Tunnel placement in ACL reconstruction surgery: smaller inter-tunnel angles and higher peak forces at the femoral tunnel using anteromedial portal femoral drilling-a 3D and finite element analysis.

Tampere T, Devriendt W, Cromheecke M, Luyckx T, Verstraete M, Victor J

Article published, KSSTA, November 2018

Efficacy of TKA revision depends on the indication for revision – A systematic review

Cromheecke M, Missinne M, Van Onsem S, Arnout N, Victor J

Article accepted for publication, Orthopaedica Belgica, April 2020

Which fracture types are associated with widening of the scapholunate distance? A CT-scan study of acute intraarticular distal radius fractures.

Cromheecke M, Vergison L, Vermue H, Vanhove W, Hollevoet N, Sabolcz B

Article published, Journal of hand surgery Asian-Pacific volume, September 2021

Isolated injury of the dorsal scapholunate ligament caused by intracarpal pronation.

Cromheecke M, Luch A., Verstrecken F.

Article published, Journal of hand surgery: European volume, October 2021

An ultrasound-guided percutaneous surgical technique for trigger finger release using a minimally invasive surgical knife.

Cromheecke M, Haignère V, Mares O, De Keyzer PB, Louis P, Cognet JM

Article published, Techniques in hand and upper extremity surgery, August 2021

Low healing rates and moderate functional outcome after arthroscopic superior capsular reconstruction using a porcine xenograft.

Cromheecke M, Garret J, Deranlot J, Bonneville N, Gaudin S, Lädermann A, Nourissat G, SFA

Article published, KSSTA, February 2022

Free vascularized second metatarsophalangeal joint transfer for scaphotrapezial joint reconstruction after distal scaphoid excision and carpal collapse: A case report.

Del Pinal F, Cromheecke M, Chaves C

Article published, Microsurgery, March 2022

Mid-term outcomes of posterior capsular release for fixed flexion deformity after TKA.

Kyriakidis T, Tasios N, Vandekerckhove B, Verdonk P, Cromheecke M, Verdonk R.

Article published, Acta Orthopaedica Belgica, June 2022

Traumatic lesions at the thumb base: Treatment options.

Goubau J, Benis S, Ruttkay T, Cognet JM, Garret J, Levadoux M, Cromheecke M, De Keyzer PB, Obert L

Article published, Hand Surgery And Rehabilitation, June 2022

Early dislocation of a dual mobility ball-and-socket prosthesis: importance of early sequential postoperative radiography.

Moreels R, Lambrechts J, Cromheecke M, De Keyzer PB, Goubau J

Article published, Hand Surgery And Rehabilitation, June 2022

Atypical presentation of a subungual intraosseous epidermoid cyst of the thumb: A case report.

Dejonghe M, Paquet T, Cromheecke M, De Keyzer PB, Goubau J.

Article published, Hand Surgery And Rehabilitation, September 2022

Osteotomies around the base of the thumb in trapeziometacarpal disease.

Jean Goubau, Kjell Van Royen, Bert Vanmierlo, Pieter-Bastiaan De Keyzer, Cromheecke M, Chul KI Goorens

Article published, Ortho-Rheumato, October 2022

Primary articular synovial chondromatosis of the fifth metacarpophalangeal joint in a child

Dejonghe M, Cromheecke M, De Keyzer PB, Goubau J.

Article published, Hand Surgery And Rehabilitation, March 2023

Technical tip: Maintaining distraction when exchanging a Minirail (Orthofix®) external fixator in Matev's digit lengthening

Paquet T, Dejonghe M, Cromheecke M, De Keyzer PB, Goubau J.

Article published, Hand Surgery And Rehabilitation, March 2023

ABSTRACTS

3D- CT Measurement of Tunnel Widening in ACL Reconstruction using Allograft versus Autografts.

Claes S, Robbrecht C, Cromheecke M, Mahieu P, Bellemans J, Verdonk PC

AAOS 2012, San Francisco. Accepted for poster presentation

Reliability of a Semi-Automated 3D-CT Measuring Method for Tunnel Diameters after Anterior Cruciate Ligament Reconstruction.

Claes S, Robbrecht C, Cromheecke M, Mahieu P, Bellemans J, Verdonk PC

ESSKA 2012, Geneve, *Accepted for poster presentation*

Novel 3d CT Imaging Of The Native And Reconstructed Acl And Pcl.

Verdonk PC, Tampere T, Cromheecke M, Van der Bracht H, Van Hoof T, Victor J

AAOS 2013, Chicago, *Submitted for poster presentation*

Factors Influencing The Angle Between The Tibial Tunnel And The Intra-Articular Part Of An ACL Graft. A Ct Based 3-D Analysis.

Van Der Bracht H, Cromheecke M, Tampere T, Victor J, Verdonk P

ISAKOS, 2013, Toronto, *Accepted for poster presentation*

Evaluation of kinematic behaviour of an artificial medial meniscus implant: a pilot study using open-MRI

De Coninck T, Elsner J.J., Shemesh M, Linder-Ganz E, Cromheecke M, Verdonk R, Verdonk P

ICRS, 2013, Izmir, Turkey, *Accepted for poster presentation*

Anteromedial Versus Transtibial Tunnel Placement In ACL Surgery: A 3D And Finite Element Analysis

Tampere T, Cromheecke M, Verdonk PC, Victor J

EFORT, 2014, London, UK, *Accepted for presentation*

Arthroplasty Of The Proximal Interphalangeal Joint With The TACTYS&Reg; Prosthesis: Clinical And Radiographic Results With A Mean Follow-Up Of 5 Years

Tim Philips, Michiel Cromheecke, Pieter-Bastiaan De Keyzer, Bert Vanmierlo, Jean Goubau

EFFORT, 2022, Lisbon, *accepted for presentation*

Early dislocation of a dual mobility ball-and-socket prosthesis: importance of early sequential postoperative radiography.

Moreels R, Lambrechts J, Cromheecke M, De Keyzer PB, Goubau J

IFSSH, IFSHT & FESSH combined congress, London, June 2022, *Accepted for poster presentation*

CHAPTERS

The native posterior cruciate ligament: a 3D CT study.

Verdonk PC, Cromheecke M, Tampere T, Van Hoof T

Submitted for ESSKA 2011 journal

Anatomy – Biomechanics – Novel Imaging of the Native PCL

Van Hoof T, Cromheecke M, Tampere T, D'herde K, Victor J, Verdonk PC, Menetrey J, Scheffler S,

Djian P, Makridis KG, Margheritini F.

ESSKA 2012 instructional course

PRESENTATIONS

The Belgian Orthopaedic Trauma Association (BOTA) meeting (Kortrijk, Belgium 2016)

General management of ankle fractures (syndesmotic lesions)

Multidisciplinary regional congress (Aalst, Belgium 2016)

Diagnostics and decision making in orthopaedic oncology

Bio Skills Comprehensive Shoulder Arthroplasty Nano Stemless, Standard & Reverse, Zimmer.
(Vienna, Austria 2016)

Complications in reverse shoulder arthroplasty and case discussions

Multidisciplinary regional congress (Aalst, Belgium 2017)

Robotics and evolution in orthopaedic surgery

Orthopaedica Belgica Fall course: Current concepts in distal radius fractures (Ghent, Belgium 2019)

Association of distal radius fractures and scapholunate injuries

Superior capsular reconstruction: Série rétrospective multicentrique avec Xenogreffes.

Société Francophone D'arthroscopie SFA (online, 2020)

Meethink session, Jong domus medica (webinar, June 2021)

Shoulder pain: Diagnosis, treatment and case discussions

Belgian Hand Group, annual meeting (online, June 2021)

Isolated dorsal scapholunate lesions caused by intracarpal pronation

IRCAD – Basic Course on Ultrasound-guided upper limb surgery (Strasbourg, January 2022)

Instructor – Ultrasound guided trigger finger release.

Dag van de jonge huisarts, Domus medica (Antwerp, February 2022)

Infiltratie technieken voor de hand

Medische Kring Maria Middelaers (Gent, May 2022)

Endoscopische carpal tunnel release

Hand Group Oost-West (Gent, June 2022)

Intramedullary screw fixation for hand fractures

IFSSH, IFSHT & FESSH combined congress (London, June 2022)

Isolated dorsal scapholunate lesions caused by intracarpal pronation

IRCAD – Basic Course on Ultrasound-guided upper limb surgery (Strasbourg, January 2023)

Instructor – Ultrasound guided trigger finger release.

FESSH congress (Rimini, 2023)

Minimal invasive triggerfinger release using ultrasound guidance

Belgian Hand Certificate (Brussels, October 2023)

The Distal radio-ulnar joint: Biomechanics and instability

IRCAD – Basic Course on Ultrasound-guided upper limb surgery (Strasbourg, January 2024)

Instructor – Ultrasound guided trigger finger release.

SEECO – Spanish Course on Ultrasound-guided upper limb surgery (Madrid, February 2024)

*Instructor – Ultrasound guided trigger finger release / Ultrasound diagnostics in wrist instability /
Ultrasound diagnostics in the treatment of cubital nerve compression.*

BVOT – Belgische Vereniging voor Orthopedie en Traumatologie (Mechelen, March 2024)

Social media through the eyes of a young gun.

UFO – Ultrasound for Orthopaedics (Ghent, June 2024)

Ultrasound surgery applications

MEDICAL AND SCIENTIFIC SOCIETIES

Member BVOT (Belgian society for orthopaedic surgery and traumatology)
Member BHG (Belgian Hand Group)
Member BELLS (Belgian elbow and shoulder society)
National Delegate YEHS (Young European Hand Surgeons)
Member IBRA (International Bone Research Association)
Member BFDA (Belgian football doctors & associates)
Faculty Member IRCAD France

OTHER

1 year vice president of the VGK, Flemish medical student association.
4 years board member of the VGK, Flemish medical student association.
1 year president of Maldo, regional student association
Assistent anatomic dissections, Faculty of anatomy. Ghent university, 2009-2010 and 2010-2011
(*Prof. Dr. K. D'herde – Prof. Dr. I. Kerckaert*)
Member of the orthopaedic donor prelevation team, Ghent university 2011-2015
Coordinator donor prelevations, Ghent university 2013 - 2014
Coordination meniscal transplants. Ghent university, 2013-2014
Sports doctor MCLB – VJMO Motocross
Sports doctor youth teams Belgian Red Devils

LANGUAGE SKILLS

Dutch	Mother tongue
French	Good
English	Good
German	Moderate

HOBBIES AND INTERESTS

I am passionate about sports, my family and surgery. I myself practice sports as running, cycling, football and hiking on a weekly basis.