

## Jérôme VALCARENGHI

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7972 Quevaucamps (Belgium)  
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jerome.valcarenghi@gmail.com  
Born in La Louvière (Belgium),  
The 27/03/1990 (35 years)  
Single, one child  
Belgian  
Driving license: Type B



## Diploma

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- ❖ **Since 01/09/23 (in progress):** PhD degree  
Free University of Brussels (ULB) - Brussels (Belgium)  
**Subject:** “Knee decompensation concept after ACL injury”  
**Directors:** Seil R., MD, PhD & Mougondo F., MD, PhD  
**Support committee:** - Fabeck L., MD, PhD  
- Verdonk R., MD, PhD  
- Mouton C., MD, PhD
  
- ❖ **01/05/2023-30/04/2026:** Surgeon in Orthopedics and Traumatology  
CHU Helora Site Kennedy - Mons (Belgium)  
**Skills:** Knee surgery (pediatrics, sports and prosthesis)
  
- ❖ **2016-2022:** Graduation as Surgeon in Orthopedics and Traumatology  
Honors: Great Distinction  
Free University of Brussels (ULB) - Brussels (Belgium)  
  
- **Thesis:** “Meniscal morphological and volumetric analysis by three-dimensional reconstruction based on MRI”  
  
- **Director:** Verdonk R., MD, PhD  
  
- **Honors:** Great distinction
  
- ❖ **2012-2016:** Master's Degree in Medicine  
**Honors:** Distinction  
Free University of Brussels (ULB) - Brussels (Belgium)  
  
- **Thesis:** “Study of the effect of humeral shortening on changes in the three-dimensional configuration of the brachial plexus” (Fundamental research dissertation at L.A.B.O ULB - Érasme (Brussels, Belgium)  
  
- **Director:** Schuind F., MD, PhD  
  
- **Honors:** The highest distinction
  
- ❖ **2008-2012:** Bachelor's Degree in Medicine  
University of Mons (Umons) - Mons (Belgium)  
**Honors:** Distinction

- ❖ **2002-2008:** Certificate of Higher Secondary Education (CESS)  
Certificate obtained in General Education, Math/Science options  
Royal Athenaeum of Binche (Belgium)

## Educations

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- ❖ **2021-2022:** 6<sup>th</sup> year of Orthopedic Surgery (Master's degree - Specialization in Orthopedic Surgery)  
Department of Orthopedic Surgery and Traumatology of the University  
Clinics of Brussels (CUB)- Erasme Hospital (Belgium)  
Traineeship's director: Jayankura M., MD
- ❖ **2020-2021:** 5<sup>th</sup> year of Orthopedic Surgery (Master's degree - Specialization in Orthopedic Surgery)  
Department of Orthopedic Surgery and Traumatology of Ambroise Paré  
University Hospital (Belgium)  
Traineeship's director: Collard X., MD
- ❖ **2019-2020:** 4<sup>th</sup> year of Orthopedic Surgery (Master's degree - Specialization in Orthopedic Surgery)  
Department of Orthopedic Surgery and Traumatology of Tivoli University  
Hospital (Belgium)  
Traineeship's director: Jennart H., MD
- ❖ **2018-2019:** 3<sup>rd</sup> year of Orthopedic Surgery (Master's degree - Specialization in Orthopedic Surgery)  
Department of Orthopedic Surgery and Traumatology of EpiCURA  
Hospital (Belgium)  
Traineeship's director: Bath O., MD
- ❖ **2017-2018:** 2<sup>nd</sup> year of Orthopedic Surgery (Master's degree - Specialization in Orthopedic Surgery)  
Department of General Surgery of EpiCURA Hospital (Belgium)  
Traineeship's director: Chasse E., MD
- ❖ **2016-2017:** 1<sup>st</sup> year of Orthopedic Surgery (Master's degree - Specialization in Orthopedic Surgery)  
Department of General Surgery of Tivoli University Hospital (Belgium)  
Traineeship's directors: Allé J-L., MD / Dr. Dessily M., MD

## Fellowship

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- ❖ **30/11/2025 - 14/12/2025:** Meniscus Travelling Fellowship (Asian part)
  - Hanyang University Myongji Hospital (South Korea) - Jin Goo Kim MD, PhD
  - Kyung Hee University Hospital (South Korea) - Sang Hak Lee MD, PhD
  - Samsung Medical Center (South Korea) - Joon Ho Wang MD, PhD
  - Himeji (Japan) - Kuroda Ryosuke MD, PhD
    - The 3rd Annual Meeting of Japanese Knee Society
    - 2<sup>nd</sup> THE MENISCUS Asian Summit
  - Hiroshima University Hospital (Japan) - Adachi Nobuo MD, PhD
  - Institute of Science Tokyo (Japan) - Hideyuki Koga MD, PhD

- ❖ **12/01/2025 - 26/01/2025**: Meniscus Travelling Fellowship (European part)
  - Versailles (France) - Beaufils MD, PhD and Pujol MD, PhD
  - Antwerp (Belgium) - Verdonk René MD, PhD and Verdonk Peter MD, PhD
  - Brussels (Belgium) - Verdonk René MD, PhD
  - Luxembourg (Luxembourg) - Seil Romain MD, PhD and Mouton Caroline PhD
  - Berlin (Germany) - Kopf Sebastian MD, PhD
    - ESSKA “All about meniscus” course
    - “THE 6<sup>th</sup> MENISCUS” Congress`
- ❖ **01/11/2022 - 30/04/2023**: Fellowship in sports and prosthetic knee surgery with Seil Romain, MD, PhD - Luxembourg University Hospital - Eich’s Clinic (Luxembourg)

## Additional Orthopaedic Training

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- ❖ **2026**: The ESSKA European Certification Program - Meniscus Module
- ❖ **2021-2022**: Inter-University Diploma (DIU): "Surgical pathologies of the knee" - Créteil (France) - Honors: Distinction
- ❖ **2020-2021**: Inter-University Diploma (DIU): "Locomotor pathologies linked to the practice of sport" - Lyon (France) - Honors: Great Distinction
- ❖ **2018-2019**: Training in Science and Technology of Laboratory Animals (Module 1) - Free University of Brussels (ULB) - Erasme - Brussels (Belgium)

## Teaching Activities

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- ❖ **01/10/2022- 30/09/2024**: Ergotherapy Section (2<sup>nd</sup> year) – “Orthopedic Pathologies” - 18 hours of lessons/year - Free University of Brussel

## Publications

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- Marko Ostojic, Enrico Ragni, Bruno Lovreković, **Jerome Valcarenghi**, Lika Dzidzishvili7, Nikolai Ramadanov, Mikhail Salzmann, Cecilija Rotim, Robert Prill8, Srecko Sabalic, Roland Becker, Pier Francesco Indelli. Orthobiologics in anterior cruciate ligament (ACL) reconstruction: A narrative review. Orthobiologics in anterior cruciate ligament (ACL) reconstruction: A narrative review. **Adv Clin Exp Med. 2026.** doi:10.17219/acem/218640
- Marko Ostojic, Pier Francesco Indelli, Bruno Lovrekovic, **Jerome Valcarenghi**, Doria Juric, Hassan Tarek Hakam, Mikhail Salzmann, Nikolai Ramadanov, Aleksandra Krolikowska, Roland Becker and Robert Prill. Graft Selection in Anterior Cruciate Ligament Reconstruction: A Comprehensive Review of Current Trends. **Medicina, 2024.** <https://doi.org/10.3390/medicina60122090>

- Ibañez M., **Valcarengi J.**, Hoffmann F., Mouton C., Pioger C., Siboni R., Monllau J.C., Seil R. Nonanatomic Posteromedial Bundle Augmentation of the Posterior Cruciate Ligament after Hyperextension Trauma. *Arthroscopy Techniques*, 2024. <https://doi.org/10.1016/j.eats.2024.103013>
- Vittone G., Mouton C., **Valcarengi J.**, Dor J., Seil R. Case report: unusual posteromedial capsular lesion with posterior lateral meniscus root tear in two patients with constitutional genu recurvatum presenting after an acute ACL injury. *J EXP ORTOP* 10, 136 (2023). <https://doi.org/10.1186/s40634-023-00684-y>
- **Valcarengi J.**, Vittone, G., Mouton, C. *et al.* A systematic approach to managing complications after proximal tibial osteotomies of the knee. *J EXP ORTOP* 10, 131 (2023). <https://doi.org/10.1186/s40634-023-00708-7>
- Hernigou J., Lechien D., Kyriakidis T., **Valcarengi J.**, Muregancuro A., Hupez A., Callewier A. Arthroscopy with partial meniscectomy for degenerative tear does not increase the risk of total knee arthroplasty at five years follow up; however, this population undergoes total knee arthroplasty with a lower threshold of osteoarthritis. *International Orthopaedics (SICOT)* (2023). <https://doi.org/10.1007/s00264-023-06024-0>
- Vittone, G., **Valcarengi J.**, Mouton C., Seil R. Mini-Invasive Harvesting of Quadriceps Tendon Graft With Patellar Bone Block for ACL Reconstruction Using a Dedicated Harvester. *Video Journal of Sports Medicine* (10/2023). <https://doi.org/10.1177/26350254231207405>
- Oronowicz J., Mouton C., Pioger C., **Valcarengi J.**, Tischer T., Seil R. The posterior cruciate ligament–posterior femoral cortex angle (PCL–PCA) and the lateral collateral ligament (LCL) sign are useful parameters to indicate the progression of knee decompensation over time after an ACL injury. *Knee Surgery, Sports Traumatology, Arthroscopy* (10/2023). <https://doi.org/10.1007/s00167-023-07583-w>
- Vittone G, Mouton C, **Valcarengi J**, Dor J, Seil R. Meniscal Ramp Repair: Double-Row Anatomic Repair in Acute Anterior Cruciate Ligament Tears, *Arthroscopy Techniques*, 2023. <https://doi.org/10.1016/j.eats.2023.04.027>.
- **Valcarengi J**, Hernigou J, Chahidi E. *et al.* Could a three-dimensional contralateral meniscus segmentation for allograft or scaffold sizing be possible? A prospective study. *International Orthopaedics (SICOT)*, 2023. <https://doi.org/10.1007/s00264-023-05923-6>.
- Kapanci B, Zahri S, **Valcarengi J**, Charles T, Jayankura M. Acute total hip replacement by direct anterior approach combined with intrapelvic fixation for geriatric acetabular fracture of the anterior column. *Orthopaedics & Traumatology: Surgery & Research*, 2023. <https://doi.org/10.1016/j.otsr.2023.103617>.
- **Valcarengi J**, Martinov S, Chahidi, E *et al.* Hip fractures re-operation compared with death at two years in elderly patients: lowest risk of revision with dual mobility total hip arthroplasty than with bipolar hemiarthroplasty or internal fixation of Garden I and II. *International Orthopaedics (SICOT)*, 2022. <https://doi.org/10.1007/s00264-022-05479-x>
- **Valcarengi J**, Poinot N, Verstaeten P-B, Chahidi E, Caufriez B, Costenoble V, Collard X. Adverse local tissue reaction after ceramic-on-ceramic total hip arthroplasty. *Acta Orthop. Belg.*, 2022, 81, 43-46. <https://doi.org/10.52628/88.1.06>

- Luisetto M, Chahidi E, **Valcarengi J**, Ledoux A, Jennart H. Evaluation of patients operated on for a proximal femoral fracture as part of the Fragility Fracture program during the Belgian confinement period. *Rev Med Brux.* **2021**;42(1):16–25. <https://doi.org/10.30637/2021.20-049>
- Ledoux A, Agharbi A, **Valcarengi J**, Chahidi E, Luisetto M, Jennart H. Arthrite septique du genou causée par un germe inhabituel : à propos d’un cas. *Rev Med Brux.* **2021**;42,190-193. <https://doi.org/10.30637/2021.20-075>
- Hernigou J, **Valcarengi J**, Callewier A, Sohm L, Decottenier V, Ledoux A, et al. Prospective randomized study of the vitamin C effect on pain and complex pain regional syndrome after total knee arthroplasty. *International Orthopaedics* (SICOT). **2021**;45, 1155-1162. <http://link.springer.com/10.1007/s00264-020-04936-9>
- Chahidi E, Deworme V, Ledoux A, Luisetto M, Jennart H, **Valcarengi J**. Osteopoikilosis: Report of a patient with associated complex knee injuries and literature review. *Int J Med Rev Case Rep.* **2021**; 5(1): 31-33. doi:10.5455/IJMRCR.Osteopoikilosis-case-report
- **Valcarengi J**, Chahidi E, Kristensen MT, Ledoux A, Jennart H, Luisetto M, et al. Psychometric properties of the Cumulated Ambulation Score French translation. *Clin Rehabil.* **2020** Dec 28;026921552098432. <https://doi.org/10.1177/0269215520984321>
- Hernigou J, **Valcarengi J**, Safar A, Ferchichi MA, Chahidi E, Jennart H, et al. Post-COVID-19 return to elective orthopaedic surgery—is rescheduling just a reboot process? Which timing for tests? Is chest CT scan still useful? Safety of the first hundred elective cases? How to explain the “new normality health organization” to patients? *International Orthopaedics* (SICOT). **2020** Oct;44(10):1905-13. <https://doi.org/10.1007/s00264-020-04728-1>
- **Valcarengi J**, Hernigou J, Apicella G, Clegg E, Rousie M, Chasse E. Long-term follow-up of the incisional hernia rate after single-incision laparoscopic cholecystectomy: a prospective observational study. *Acta Chirurgica Belgica.* **2020** May 13;1-7. <https://doi.org/10.1080/00015458.2020.1765673>
- **Valcarengi J**, Mounghondo F, Andrzejewski A, Feipel V, Schuind F. Effects of humeral shortening on the three-dimensional configuration of the brachial plexus: a cadaveric study. *J Hand Surg Eur Vol.* **2019** Jul;44(6):632-9. <https://doi.org/10.1177/1753193419837485>
- **Valcarengi J**, Bath O, Bhogal H, Ruelle M, Lambert J. Benefits of bariatric surgery on spinal epidural lipomatosis: case report and literature review. *Eur J Orthop Surg Traumatol.* **2018** Oct;28(7):1437-40. <https://doi.org/10.1007/s00590-018-2206-y>

## Oral communications

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### ❖ International Congress:

- **Is debridement necessary before meniscal repair for isolated tear in stable knee? A prospective randomize study - 2<sup>nd</sup> THE MENISCUS Asian Summit (Japan) – 06/12/25 to 07/12/25**
- **Could a Three-Dimensional Contralateral Meniscus Segmentation for Allograft or Scaffold Sizing Be Possible ? : A Prospective Study - ISAKOS Congress 2025 Munich (Germany) - 08/06/25 to 11/0/2025.**

- **The posterior cruciate ligament–posterior femoral cortex angle: A reliable and accurate MRI method to quantify the buckling phenomenon of the PCL in ACL-deficient knees** - 38<sup>th</sup> GOTS Congress Vienna (Austria) - 15/06/2023 to 17/06/2023.
- **Prospective randomized study of the vitamin C effect on pain and complex pain regional syndrome after total knee arthroplasty** - 24<sup>th</sup> EFORT Congress Vienna (Austria) - 24/05/2023 to 26/05/2023.
- **3D Contralateral Meniscus Segmentation For Allograft Or Scaffold Sizing: A Prospective Study** - 24<sup>th</sup> EFORT Congress Vienna (Austria) - 24/05/2023 to 26/05/2023.
- **3D Contralateral Meniscus Segmentation For Allograft Or Scaffold Sizing: A Prospective Study** - Orthopaedica Belgica Congress Brussels (Belgium) - 27/04/2023.
- **Hip fractures reoperation compared with death at 2-year in elderly patients: lowest risk of revision with dual mobility THA than with bipolar hemiarthroplasty or internal fixation of Garden I and II** - 96<sup>th</sup> Congress of the French Society of Orthopedic and Traumatological Surgery (SOFOT) - Paris (France) - 11/11/2022.
- **Prospective randomized study of the vitamin C effect on pain and complex pain regional syndrome after total knee arthroplasty** - 41<sup>st</sup> SICOT Congress Budapest (Hungary) - 15/09/2021 to 18/09/2021.
- **Efficacy of vitamin C prevent complex regional pain syndrome after total knee arthroplasty** - 94<sup>th</sup> Congress of the French Society of Orthopedic and Traumatological Surgery (SOFOT) - Paris (France) - 13/11/2019.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - 14<sup>th</sup> IFSSH & 11<sup>th</sup> IFSHT Triennial Congress Berlin (Germany) - 17/06/2019 to 21/06/2019.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - XXII FESSH Congress Budapest (Hungary) - 21/06/2017 to 24/06/2017.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - 18<sup>th</sup> EFORT Congress Vienna (Austria) - 31/05/2017 to 02/06/2017.
- **The Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - Genval Congress - 25<sup>th</sup> Brussels Hand/Upper Limb International Symposiums: Hand, Wrist and Elbow Surgery Classical vs Innovative Concepts and Techniques - Genval (Belgium) - 03/02/2017 to 04/02/2017.

❖ **Local Congress:**

- **The Cumulated Ambulation Score: French translation and validation** - Local Medical Evaluation Group (GLEM) for Orthopedic Surgery organized by the Association of Former Students of the Free University of Brussels (AMUB) - Tivoli University Hospital (Belgium) - 16/09/2020.

- **Efficacy of vitamin C in the prevention of CRPS after total knee arthroplasty** - Inter-Hospital Orthopedic Surgery Meeting organized by the Association of former students of the Free University of Brussels (AMUB) - Delta's Hospital (Belgium) - 28/11/2019.
- **Efficacy of vitamin C in the prevention of CRPS after total knee arthroplasty** - Inter-Hospital Orthopedic Surgery Meeting organized by the Association of former students of the Free University of Brussels (AMUB) - Erasme Hospital (Belgium) - 25/10/2019.
- **Complex fracture of the proximal humerus: Management?** - Inter-Hospital Orthopedic Surgery Meeting organized by the Association of former students of the Free University of Brussels - Tivoli University Hospital (Belgium) - 16/05/19.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - Medical Evaluation Group (GLEM) for Orthopedic Surgery organized by the Association of Former Students of the Free University of Brussels (AMUB) - EpiCURA Hospital (Belgium) - 27/03/19.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - Inter-Hospital Orthopedic Surgery Meeting organized by the Association of former students of the Free University of Brussels (AMUB) - EpiCURA Hospital (Belgium) - 14/12/2017.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - Hand and Upper Extremity Surgery Seminar - Peripheral Nerve Trauma - Free University of Brussels (ULB) – Erasme Hospital (Belgium) - 17/05/2017.
- **Effects of Humeral Shortening on the Three-Dimensional Configuration of the Brachial Plexus** - Inter-Hospital Orthopedic Surgery Meeting organized by the Association of former students of the Free University of Brussels (AMUB) - Erasme Hospital - (Belgium) - 01/12/2016.

❖ **Poster with short presentation:**

- **Hip fractures reoperation compared with death at 2-year in elderly patients: lowest risk of revision with dual mobility THA than with bipolar hemiarthroplasty or internal fixation of Garden I and II** - 24<sup>th</sup> EFORT Congress Vienna (Austria) – 24/05/2023 to 26/05/2023.
- **Psychometric properties of the Cumulated Ambulation Score French translation** - 41<sup>st</sup> SICOT Congress Budapest (Hungary) - 15/09/2021 to 18/09/2021.

## Society Membership

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- ❖ SORBCOT (Royal Belgian Society for Orthopedic Surgery and Traumatology): Member
- ❖ SFA (French Society of Arthroscopy): Member
- ❖ ESSKA (European Society of Sports Traumatology, Knee Surgery & Arthroscopy): Member
  - ESSKA Basic Science Committee 2024-2026: Member
- ❖ ISAKOS: Member (Godfather: Verdonk R., MD, PhD)
- ❖ The Meniscus Group: Member

## Language skills

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<b>French</b>	Native language
<b>English</b>	Good notions - B1 level
<b>Dutch</b>	Scholar level