

# PR ETIENNE CAVAINAC MD, PHD



DOB: 26 August 1983  
Olemps (France)

Sports: Rugby, Boxing

Languages: French (native),  
English, Spanish, Portuguese

Married with 2 children

## KNEE SURGEON – Professor / Senior Consultant

More than 300 ACL reconstruction / year

More than 200 Knee partial or total replacement/ year

Department of Orthopaedic Surgery, Hospital Pierre Paul Riquet

Toulouse University Hospital (France)

<http://www.chu-toulouse.fr/-chirurgie-orthopedique-et-traumatologique->

## Learned and Professional Societies

French Society of Orthopaedic Surgery and Traumatology (SOFOT)

Sports Medicine Society of Midi-Pyrénées

French Society of Sport Medicine (SFMES)

**French Arthroscopy Society (SFA)**

**European Society of Sports Traumatology, Knee Surgery and Arthroscopy (ESSKA)**

- 2 books chapters in arthroscopy (cf infra)

**European Knee Arthroplasty (EKA)**

French College of Orthopaedic and Trauma Surgeons (CFCOT)

## Education and diplomas

### *Medical studies*

2001–2008: Student in the **Toulouse Purpan Faculty of Medicine**, University Paul Sabatier (France)

2008: French National classification examination

2009–2010: InterUniversity **Diploma in Arthroscopy**. Supervisor: Prof. Philippe Chiron

2010–2011: University Diploma in **Musculoskeletal Sports Injuries**

2011–2012: University Diploma in **Surgical Pathology of the Knee**

2012: **Doctor of Medicine**

## Research training

2013–2014: Course on Anatomy and Radiology of the Human Body, Toulouse Faculty of Medicine, University Paul Sabatier (France)

2013–2014: Course on Anthropobiology Methods and Concepts, Toulouse Faculty of Medicine, University Paul Sabatier (France)

2013–2014: **Masters Year 1 – Biology and Health** Toulouse Faculty of Medicine, University Paul Sabatier (France)

2014–2015: **Masters Year 2 (Research) Anthropology and genetics of human populations**

2015–2017: **Doctoral Thesis (PhD)** in Anthropology and genetics of human populations

2018: **Habilitation Dirigé des Recherches (HDR)** Université Paul Sabatier.

## Hospital Work

2008-2013: **Intern – Toulouse Hospital**

November 2012 – May 2013: 9<sup>th</sup> semester: Orthopaedics – Catholic University of Leuven (Pr Bellemans) Knee Surgery Group

2013-2015: **Senior Registrar – Department of Orthopaedic and Trauma Surgery, Toulouse University Hospital**

2015-2016: **Orthopaedics and Sports Medicine Unit, Geneva University Hospital, Switzerland (Pr Menetrey)**

2016-: **Senior Lecturer / Hospital Practitioner – Department of Orthopaedic and Trauma Surgery, Toulouse University Hospital**

2017: **Travelling fellowship SFA**

2020 : **Professor / Hospital Practitioner – Department of Orthopaedic and Trauma Surgery, Toulouse University Hospital**

## Reviewer for peer-reviewed journals

Knee Surgery, Sport Traumatology and Arthroscopy (KSSTA)

American Journal of Sports Medicine (AJSM)

Orthopaedics & Traumatology: Surgery & Research (OTSR)

## Prizes

Gold medal for thesis research – 2012, University Paul Sabatier

2<sup>nd</sup> place – Roland Petit prize, GECO 2012

Award winner – Rieunau Prize 2013 for research in orthopaedic surgery

SHAM award for risk prevention in orthopaedics – SOFCOT 2013

Prize for best oral presentation – SFA 2015

Bronze medal – Candidate testing, French College of Orthopaedic and Trauma Surgeons (CFCOT) 2016

Prize for best oral presentation – SOFCOT 2017

Prize for best poster – ESSKA 2018

## Experience as team physician, working with sports

Team physician for the *Toulouse Olympique XIII and Stade Toulousain*, a professional rugby club, since 2017

## Publications

**98** publications indexed in PUBMED, **H index = 19, i Index = 31**  
including: 6 in AJSM, 6 in Arthroscopy, 10 in KSSTA, 1 in JOR

« Femoral and tibial bone bruise volume is not correlated with ALL injury or rotational instability in patients with ACL-deficient knee »

Marot V, Corin B, Reina N, Murgier J, Berard E, **Cavaignac E**  
KSSTA. 2020

« Hinged total knee arthroplasty for fracture cases: Retrospective study of 52 patients with a mean follow-up of 5 years »

Kouyoumdjian P, Coulomb R, d'Ambrosio A, Ravoyard S, **Cavaignac E**, Pasquier G, Ehlinger M  
OTSR. 2020

« Higher re-rupture rate in quadriceps tendon ACL reconstruction surgeries performed in Denmark: let's return to the mean. »

Ollivier M, Jacquet C, Pailhe R, Cognault J, **Cavaignac E**, Seil R.  
KSSTA 2020

« Geometric morphometric study of the early shape of the hip bone (os coxae): variations with age and sex.»

Lambeaux C, Savall F, Dedouit F, Sans N, **Cavaignac E**, Telmon N, Faruch Bilfeld M.

HOMO 2020

«*Arthroscopic Dissection of the Distal Semimembranosus Tendon: An Anatomical Perspective on Posteromedial Instability and Ramp Lesions*»

Vieira TD, Pioger C, Frank F, Saithna A, **Cavaignac E**, Thaunat M, Sonnery-Cottet B.

Arthroscopy technique 2020

« Sexual and ethnic polymorphism result in considerable mismatch between native trochlear geometry and off-the-shelf TKA prostheses.»

Müller JH, Li K, Reina N, Telmon N, Saffarini M, **Cavaignac E**.

KSSTA 2020

« Increased lateral meniscal slope is associated with greater incidence of lateral bone contusions in noncontact ACL injury.»

Li K, Li J, Zheng X, Marot V, Murgier J, **Cavaignac E**, Huang W.

KSSTA 2020

« *Invasive Ultrasound-Guided Anterolateral Ligament Reconstruction With Autologous 2-Strand Gracilis Graft.*»

**Cavaignac E**, Castoldi M, Marot V, Courtot L, Gracia G, Reina N.

Arthroscopy technique 2020

« *Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-analysis of Outcomes for Quadriceps Tendon Autograft Versus Bone-Patellar Tendon-Bone and Hamstring-Tendon Autografts.* »

Mouarbes D, Menetrey J, Marot V, Courtot L, Berard E, **Cavaignac E**.

Am J Sports Med. 2019 Feb

« *Sexual and ethnic polymorphism render prosthetic overhang and under-coverage inevitable using off-the shelf TKA implants.* »

Li K, Saffarini M, Valluy J, Desseroit MC, Morvan Y, Telmon N, **Cavaignac E**.

Knee Surg Sports Traumatol Arthrosc. 2019 Feb

« *The Origin of the Knee Anterolateral Ligament Discovery: A Translation of Segond's Original Work With Commentary.* »

Murgier J, Devitt BM, Sevre J, Feller JA, **Cavaignac E.**

Arthroscopy. 2019 Feb

« *Determination of normal KOOS and WOMAC values in a healthy population.* »

Marot V, Murgier J, Carrozzo A, Reina N, Monaco E, Chiron P, Berard E, **Cavaignac E.**

Knee Surg Sports Traumatol Arthrosc. 2019 Feb

« *Distal femoral torsion: Differences between caucasians and asians. A multicentre computed tomography study of 515 distal femurs.* »

Murgier J, Chantalat É, Li K, Chiron P, Telmon N, Huang W, Berard E, **Cavaignac E.**

Orthop Traumatol Surg Res. 2018 Nov

« *Editorial Commentary: Knee Anterolateral Ligament Bashing-Why So Much Negativity?* »

**Cavaignac E,** Chiron P.

Arthroscopy. 2018 Aug

« *Anterolateral Ligament: Let's Stick to the Facts!* »

Scientific Anterior Cruciate Ligament Network International (SANTI) Study Group:, Sonnery-Cottet B, Claes S, Blakeney WG, **Cavaignac E,** Saithna A, Daggett M, Helito CP, Muramatsu K, de Padua VBC, Vieira TD, Canuto S, Ouanezar H, Thaunat M.

Arthroscopy. 2018 Aug

« *The anterolateral complex of the knee: results from the International ALC Consensus Group Meeting.* »

Getgood A, Brown C, Lording T, Amis A, Claes S, Geeslin A, Musahl V; ALC Consensus Group.

Knee Surg Sports Traumatol Arthrosc. 2019 Jan

« *Editorial Commentary: Looking Outside the Box With Ultrasound in an Anterior Cruciate Ligament-Deficient Knee: Welcome to Surgery 2.0.* »

**Cavaignac E.**

Arthroscopy. 2018 Jul

« *Which factors influence proximal femoral asymmetry?: a 3D CT analysis of 345 femoral pairs.* »

Laumonerie P, Ollivier M, LiArno S, Faizan A, **Cavaignac E,** Argenson JN.

Bone Joint J. 2018 Jul

« Evaluation of reproducibility of robotic knee testing device (GNRB) on 60 healthy knees. »

Mouarbes D, **Cavaignac E**, Chiron P, Bérard E, Murgier J.

J Orthop. 2018 Jan

« Is Treatment of Second Fracture Necessary With Combined Anterior Cruciate Ligament Reconstruction? Letter to the Editor. »

**Cavaignac E**, Saithna A, Monaco E, Helito CP, Daggett M, Reina N, Sonnery-Cottet B.

Am J Sports Med. 2018 Apr

« Is treatment of Second Fracture necessary with combined anterior cruciate ligament reconstruction? »

**Cavaignac E**, Saithna A, Monaco E, Helito CP, Dagget M, Reina N, Sonnery-cottet B

AJSM. 2018, Apr

« Second Fracture are not a risk factor for anterior cruciate ligament reconstruction failure »

Saithna A, **Cavaignac E**, Monaco E, Helito CP, Dagget M, Reina N, Sonnery-cottet B

AJSM. 2018, Apr

« Anatomical dissection of the umbilical arteries and impact of their ligation on pelvic and perineal vascular supply after cystectomy in women »

Chantalat E, Vaysse C, Delchier MC, Bordier B, Game X, Chaynes P, **Cavaignac E**, Roumiguie M SRA

2018 Mar

« How to test the ALL with Ultrasound »

**Cavaignac E**, Laumond G, Reina N, Wytrykowski K, Murgier J, Berard E, Faruch M Chiron P . arthroscopy tech 2017 dec.

« Morphometric evaluation of the knee in Chinese population reveals sexual dimorphism and age-related differences. »

Li K, **Cavaignac E**, Xu W, Cheng Q, Telmon N, Huang W.

Int Orthop. 2018 Feb 20

« Hamstring Graft incorporation according to the length of the graft inside tunnels »

**Cavaignac E**, Marot V, Faruch M, Reina N, Murgier J, Accadbled F, Berard E, Chiron P

AJSM. 2017 Oct 1.

« Radiation dose and magnification in pelvic X-ray : EOS imaging system versus plain radiographs »

Chiron P, Demoulin L, Wytrykowski K, **Cavaignac E**, Reina N, Murgier J

OTSR. 2017 sep 21.

« *Is knee arthroscopy beneficial in treating meniscal tears on patients older than 60 Years?* »

Li K, **Cavaignac E**, Chen H, Xu W, Chen C, Huang W

J Knee Surg. 2017 Aug 25.

« *Update on the treatment of articular cartilage lesions in the knee.* »

**Cavaignac E**, Menetrey J, Hannouche D.

Rev Med Suisse. 2016 Dec 14;12(543):2178-2184. French.

« *Anterolateral ligament injuries in knees with an anterior cruciate ligament tear: Contribution of ultrasonography and MRI.* »

Faruch Bilfeld M, **Cavaignac E**, Wytrykowski K, Constans O, Lapègue F, Chiavassa Gandois H, Larbi A, Sans N.

Eur Radiol. 2017 Jul 12.

« *Geometric morphometric analysis reveals age-related differences in the distal femur of Europeans.*»

Cavaignac E, Faruch M, Savall F, Chiron P, Telmon N.

J Exp Orthop. 2017 Dec;4(1):13

« *Three-dimensional geometric morphometric analysis reveals ethnic dimorphism in the shape of the femur.* »

Cavaignac E, Li K, Faruch M, Savall F, Chiron P, Huang W, Telmon N.

J Exp Orthop. 2017 Dec;4(1):13

« *Cryotherapy With Dynamic Intermittent Compression Improves Recovery From Revision Total Knee Arthroplasty.* »

Murgier J, Cailliez J, Wargny M, Chiron P, Cavaignac E, Laffosse JM.

J Arthroplasty. 2017 Mar 31.

« *Laterality and grip strength influence hand bone micro-architecture in modern humans, an HRpQCT study.* »

Reina N, Cavaignac E, Trousdale WH, Laffosse JM, Braga J.

J Anat. 2017 Jun;230(6):796-804.

« *A New Step Toward Evidence of In Vivo Perineural Dexamethasone Safety: An Animal Study.* »

Marty P, Bennis M, Legaillard B, Cavaignac E, Ferre F, Lebon J, Brouchet A, Minville V.

Reg Anesth Pain Med. 2017 Apr 7.

« *Ultrasonographic evaluation of Anterolateral ligament injuries : correlation with magnetic resonance imaging and pivot-shift testing* »

**Cavaignac E**, Faruch M, Wytrykowski K, Constant O, Murgier J, Berard E, Chiron P

Arthroscopy. 2017 Mar

« *Is quadriceps tendon autograft a better choice than hamstring autograft for anterior cruciate ligament reconstruction?*. »

**Cavaignac E**, Coulin B, Tsholl P, Nik Mohd Fatmy N, Duthon V, Menetrey J

AJSM. 2017 Mar

« *Proximal femoral fractures in centenarians. A retrospective analysis of 39 patients.* »

Morice A, Reina N, Gracia G, Bonneville P, Laffosse JM, Wytrykowski K, **Cavaignac E**, Bonneville N

OTSR. 2017 feb

« *Microbial flora on cell-phones in an orthopaedic surgery room before and after decontamination* »

Murgier J, Coste JF, **Cavaignac E**, Bayle-Iniguez X, Chiron P, Bonneville P, Laffosse JM

OTSR. 2016 Dec

« *BMI-related microstructural changes in the tibial subchondral trabecular bone of patients with knee osteoarthritis.* »

Reina N, **Cavaignac E**, Pailhé R, Pailliser A, Bonneville N, Swider P, Laffosse JM

JOR. 2016 Oct

« *Historical Perspective on the « discovery » of the anterolateral ligament of the knee.* »

**Cavaignac E**, Ancelin D, Chiron P, Tricoire JL, Wytrykowski K, Faruch M, Chantalat E.

Knee Surg Sports Traumatol Arthrosc. 2016 Oct

« *Is the prognosis the same for periprosthetic joint infections due to Staphylococcus aureus versus coagulase-negative staphylococci? A retrospective study of 101 patients with 2-year minimum follow-up.* »

Murgier J, Laffosse JM, Cailliez J, Cavaignac E, Murgier P, Bayle-Iniguez X, Chiron P, Bonneville P.

Arch ortop Trauma surg . 2016

« *Cadaveric study comparing the biomechanical properties of grafts used for knee anterolateral ligament reconstruction.* »

Wytrykowski K, Swider P, Reina N, Murgier J, Laffosse JM, Chiron P, **Cavaignac E**.

Arthroscopy. 2016

« Bone lengthening using the Fitbone® motorized intramedullary nail: The first experience in France. »

Accadbled F, Pailhé R, **Cavaignac E**, Sales de Gauzy J.

Orthop Traumatol Surg Res. 2016 Apr

« Vulvar necrosis after surgical treatment of femoral neck fracture: a case report and investigation of the mechanism of injury. »

Chantalat E, Debonnecaze G, **Cavaignac E**, Chaynes P, Vidal F.

Hip Int. 2016

« Geometric morphometric analysis reveals sexual dimorphism in the distal femur. »

**Cavaignac E**, Savall F, Faruch M, Reina N, Chiron P, Telmon N.

Forensic Sci Int. 2016 Feb

« Ultrasonographic Identification of the Anterolateral Ligament of the Knee. »

**Cavaignac E**, Wytrykowski K, Reina N, Pailhé R, Murgier J, Faruch M, Chiron P.

Arthroscopy. 2016 Jan

« Triple osteotomy of the pelvis for Legg-Calve-Perthes disease: a mean fifteen year follow-up. »

Pailhé R, **Cavaignac E**, Murgier J, Cahuzac JP, de Gauzy JS, Accadbled F.

Int Orthop. 2016 Jan

« Relationship between tibial spine size and the occurrence of osteochondritis dissecans: an argument in favour of the impingement theory. »

**Cavaignac E**, Perroncel G, Thépaut M, Vial J, Accadbled F, De Gauzy JS.

Knee Surg Sports Traumatol Arthrosc. 2015 Dec

« Can the gracilis replace the anterior cruciate ligament in the knee? A biomechanical study »

**Cavaignac E**, Pailhé R, Reina N, Murgier J, Laffosse JM, Chiron P, Swider P.

Int Orthop. 2015 Nov

« *The role of the deep medial collateral ligament in controlling rotational stability of the knee* »

**Cavaignac E**, Carpentier K, Pailhé R, Luyckx T, Bellemans J.  
Knee Surg Sports Traumatol Arthrosc. 2015 Oct

« *Fixation of a fractured femoral head through a medial hip approach: an original approach to the femoral head.* »

**Cavaignac E**, Laumond G, Régis P, Murgier J, Reina N, Chiron P.  
Hip Int. 2015 Sep-Oct

« *Evaluation of the accuracy of patient-specific cutting blocks for total knee arthroplasty: a meta-analysis.* »

**Cavaignac E**, Pailhé R, Laumond G, Murgier J, Reina N, Laffosse JM, Bérard E, Chiron P.  
Int Orthop. 2015 Aug

« *Biomechanical study of ACL reconstruction grafts.* »

Pailhé R, **Cavaignac E**, Murgier J, Laffosse JM, Swider P.  
J Orthop Res. 2015 Aug

« *Obesity is no longer a risk factor for dislocation after total hip arthroplasty with a double-mobility cup.* »

Maisongrosse P, Lepage B, **Cavaignac E**, Pailhe R, Reina N, Chiron P, Laffosse  
Int Orthop. 2015 Jul

« *Reply to 'Derotational osteotomies utilizing a trochanteric-start intramedullary nail'. J Pediatr Orthop B* »

Pailhé R, **Cavaignac E**, Bedes L, Sales de Gauzy J, Accadbled F.  
JPO B 2015 May

« Response to Jie et al.: How to explain the evaluation of the accuracy of patient-specific cutting blocks for total knee arthroplasty? »

**Cavaignac E**, Pailhé R, Laumond G, Murgier J, Reina N, Laffosse JM, Bérard E, Chiron P.

Int Orthop. 2015 Mar

« Response to 'Comment on the article 'Derotational femoral osteotomy technique with locking nail fixation for adolescent femoral antetorsion: surgical technique and preliminary study' by Pailhé et al.'. »

Pailhé R, Bedes L, Sales de Gauzy J, Tran R, **Cavaignac E**, Accadbled F.

J Pediatr Orthop B. 2015 Mar

« Can the gracilis be used to replace the anterior cruciate ligament in the knee? A cadaver study. »

**Cavaignac E**, Pailhé R, Murgier J, Reina N, Lauwers F, Chiron P.

Knee. 2014 Dec

« Total patellectomy in knees without prior arthroplasty: a systematic review. » **Cavaignac E**, Pailhé R, Reina N, Wargny M, Bellemans J, Chiron P.

Knee Surg Sports Traumatol Arthrosc. 2014 Dec

« Derotational femoral osteotomy technique with locking nail fixation for adolescent femoral antetorsion: surgical technique and preliminary study. »

Pailhé R, Bedes L, Sales de Gauzy J, Tran R, **Cavaignac E**, Accadbled F.

J Pediatr Orthop B. 2014 Nov

« Recurring intraprosthetic dislocation of rotating-hinge total knee prosthesis. Effect of implant design on intrinsic stability »

**Cavaignac E**, Tricoire JL, Pailhé R, Murgier J, Reina N, Chiron P, Laffosse

Orthop Traumatol Surg Res. 2014 Nov

« Minimally invasive medial hip approach »

Chiron P, Murgier J, **Cavaignac E**, Pailhé R, Reina N.  
Orthop Traumatol Surg Res. 2014 Oct

« *The frequency of sequelae of slipped upper femoral epiphysis in cam-type femoroacetabular impingement.* »

Murgier J, Reina N, **Cavaignac E**, Espié A, Bayle-Iniguez X, Chiron P  
Bone Joint J. 2014 Jun

« *Reproducibility of radiographic assessment of femoral implant position after hip resurfacing arthroplasty: a pilot study.* »

Pailhé R, Reina N, Ancelin D, **Cavaignac E**, Maubisson L, Sharma A, Chiron P.  
Eur J Orthop Surg Traumatol. 2014 May

« *Long-term Evolution of Slipped Capital Femoral Epiphysis Treated by in Situ Fixation: A 26 Years Follow-up of 11 Hips* »

Murgier J, de Gauzy JS, Jabbour FC, Iniguez XB, **Cavaignac E**, Pailhé R,  
Accadbled F.  
Orthop Rev (Pavia). 2014 Jun

« *Anterior cruciate ligament reconstruction in children with a quadrupled semitendinosus graft: preliminary results with minimum 2 years of follow-up* »

Cassard X, **Cavaignac E**, Maubisson L, Bowen M.  
J Pediatr Orthop. 2014 Jan

« *Pudendal nerve neuralgia after hip arthroscopy: retrospective study and literature review* »

Pailhé R, Chiron P, Reina N, **Cavaignac E**, Lafontan V, Laffosse JM.  
Orthop Traumatol Surg Res. 2013 Nov

« *Frequency of radiographic signs of slipped capital femoral epiphysiolysis sequelae in hip arthroplasty candidates for coxarthrosis* »

Murgier J, Espié A, Bayle-Iniguez X, **Cavaignac E**, Chiron P.

Orthop Traumatol Surg Res. 2013 Nov

« *The lateral view head-neck index (LVHNI): a diagnostic tool for the sequelae of slipped capital femoral epiphysis.* »

Murgier J, Chiron P, **Cavaignac E**, Espié A, Bayle-Iniguez X, Lepage B.

Orthop Traumatol Surg Res. 2013

Sep

« *Obesity has no adverse effect on the outcome of unicompartmental knee replacement at a minimum follow-up of seven years.* »

**Cavaignac E**, Lafontan V, Reina N, Pailhé R, Wargny M, Laffosse JM, Chiron P.

Bone Joint J. 2013 Aug

« *Massive Proximal Extravasation as a Complication during Arthroscopic Anterior Cruciate Ligament Reconstruction.* »

**Cavaignac E**, Pailhé R, Reina N, Chiron P, Laffosse JM.

Knee Surg Relat Res. 2013 Jun

« *Floating shoulders: Clinical and radiographic analysis at a mean follow-up of 11 years.* »

Pailhes RG, Bonneville N, Laffosse J, Tricoire J, **Cavaignac E**, Chiron P. Int J Shoulder Surg.

2013 Apr

« *CT scan does not improve the reproducibility of trochanteric fracture classification: a prospective observational study of 53 cases.* »

**Cavaignac E**, Lecoq M, Ponsot A, Moine A, Bonneville N, Mansat P, Sans N, Bonneville P.

Orthop Traumatol Surg Res. 2013 Feb

« *Prospective study comparing functional outcomes and revision rates between hip resurfacing and total hip arthroplasty: preliminary results for 2 years.* »

Pailhé R, Reina N, **Cavaignac E**, Sharma A, Lafontan V, Laffosse JM, Chiron P.

Orthop Rev (Pavia). 2013 Jul

« Hip resurfacing: a systematic review of literature. » Pailhé R, Sharma A, Reina N, **Cavaignac E**, Chiron P, Laffosse JM.

Int Orthop. 2012Dec

« Experimental study of an original radiographic view for diagnosis of cam-type anterior femoroacetabular impingement ».

**Cavaignac E**, Chiron P, Espié A, Reina N, Lepage B, Laffosse JM.

Int Orthop. 2012 Sep

« Surgery for femoroacetabular impingement using a minimally invasive anterolateral approach: analysis of 118 cases at 2.2-year follow-up »

Chiron P, Espié A, Reina N, **Cavaignac E**, Molinier F, Laffosse JM.

Orthop Traumatol Surg Res. 2012 Feb

## **Educational aids**

### **Class A: Peer-reviewed teaching materials**

- *Comment réaliser un enclouage par voie mini-invasive percutanée d'une fracture pertrochantérienne du fémur chez une amputée des deux cuisses?*

Razafimbahoaka François, Ravelo Philippe, **Cavaignac Etienne**, Leger Marc

TRUC ET ASTUCES Orthopédie 2010.

### **Class B: Medical periodicals**

- *Chirurgie prothétique du genou, est-il nécessaire de perdre du poids ?*

**Cavaignac Etienne**, Laffosse Jean Michel.

Diabète et Obésité. No. 73. November 2013

- *Que penser de la redécouverte du ligament antéro-latéral du genou ?*

**Cavaignac Etienne**

Séance à l'Académie de Chirurgie. 13 December 2017

## **Book chapters**

- ACL reconstruction with quadriceps tendon. Menetrey J, **Cavaignac E**, Tscholl P, Duthon V. In *Arthroscopy: Basic to Advanced*, Springer, 2016
- Revision ACL. **Cavaignac E**, Tscholl P, Duthon V, Menetrey J. In *Arthroscopy: Basic to Advanced*, Springer, 2016
- Aspects fondamentaux de la libération ligamentaire dans les prothèses totales de genou de première intention. Bonnevalle P, **Cavaignac E**. In *Prothèses totales de genou*, Elsevier Masson, 2016
- Embase tibiale métallique ou plateau tout PE. Reina N, **Cavaignac E**. In *Prothèses totales de genou*, Elsevier Masson, 2016
- Return to play after ACL injury. **Cavaignac E**, Williams A, Ball S, Menetrey J. In *Return to Play in Football: An Evidence-based Approach*, Springer, 2018

## **Conference proceedings**

Class A: National and international conferences with peer-review

- *Chiron's view for cam femoroacetabular impingement: a cadaveric study*  
**Cavaignac E**, Reina N, Chiron P, Laffosse JM. SICOT 2010 Prague
- *Etude expérimentale d'une incidence radiographique originale pour le diagnostic de CAFA de type came*  
**Cavaignac E**, Reina N, Chiron P, Laffosse JM. SOFCOT 2011
- *La radiographie en position couchée peut-elle prédire la réduction post-opératoire d'une scoliose ?*

**Cavaignac E**, Accadbled F, Aziz A, Knorr J, Sales de Gauzy J. SOFCOT 2011

- *Ligamentoplastie du croisé antérieur chez l'enfant selon la technique TLS modifiée pédiatrique: résultats préliminaires à 2 ans de recul minimum*

**Cavaignac E**, Cassard X, Maubisson L, Jorge K, Accadbled F, Sales de Gauzy J. SOFCOT 2012

- *Validation radiologique d'une technique de positionnement de l'implant fémoral d'un resurfaçage de la hanche guidée par amplificateur de brillance*

Pailhé R (Toulouse), Laborde J, Reina N, Lafontan V, **Cavaignac E**, Chiron P. SOFCOT 2012

- *L'index de déformation cervico-céphalique de profil (IDCCP): un nouvel outil pour diagnostiquer une séquelle d'épiphyse chez l'adulte*  
Murgier J, Espié A, **Cavaignac E**, Lafontan V, Reina N, Laffosse JM, Chiron P. SOFCOT 2012
  
  - *Reconstruction du ligament croisé antérieur chez l'enfant avec une greffe au demi-tendineux en 4 brins. Résultats préliminaires à 2 ans de recul minimum*  
**Cavaignac E**, Cassard X, Maubisson L, Bowen M. SFA 2012 Lille (ePoster)
  
  - *Reconstrução do ligamento cruzado anterior com a técnica TLS: resultados preliminares dum curto enxerto* **Cavaignac E**, CBRATE, Fortaleza, Brazil. 2013
  
  - *Reconstrução do ligamento cruzado anterior com um curto enxerto numa população pediátrica*  
**Cavaignac E**, Congrès CBRATE, Fortaleza, Brazil. 2013 (Poster)
  
  - *Rôle du faisceau profond du ligament latéral interne dans la stabilité rotatoire du genou*  
**Cavaignac E**, Carpentier K, Maes M, Bellemans J. ePoster, SOFCOT 2013
  
  - *Prothèse unicompartimentale et surpoids: résultat d'une série de 290 prothèses à 12 ans de recul*  
**Etienne Cavaignac**, Nicolas Reina, Valérie Lafontan, Philippe Chiron; SOFCOT 2013
  
  - *Le traitement par corset diminue-t-il la flexibilité et la réductibilité chirurgicale d'une scoliose idiopathique ?*  
Coste JF, **Cavaignac E**, Accadbled F, Abid A, Knorr J, Sales de Gauzy J; SOFCOT 2013
  
  - *Le portage nasal du staphylocoque: prévention du risque*  
Chiron P, **Cavaignac E**, Reina N. SOFCOT 2013
- SHAM award for risk prevention in orthopaedics**
- *Traitement des pseudarthroses par injection de plasma riche en plaquettes*  
Chiron P, Reina N, **Cavaignac E**, Molinier F; SOFCOT 2013
  
  - *Total Patellectomy in knees without prior arthroplasty: a systematic review*  
**Cavaignac E**, Reina N, Pailhé R, Chiron P; SICOT. Rio de Janeiro 2014
  
  - *Obesity has no adverse effect on the outcome of unicompartmental knee arthroplasty at a minimum follow-up of 7 years*  
**Cavaignac E**, Reina N, Pailhé R, Chiron P; SICOT. Rio de Janeiro 2014
  
  - *Obesity has no adverse effect on the outcome of unicompartmental knee arthroplasty at a minimum follow-up of 7 years*

**Cavaignac E**, Reina N, Pailhé R, Chiron P. World Arthroplasty congress. Paris 2015

- *Evaluation of the accuracy of Patient Specific Cutting Blocks for Total Knee Arthroplasty: A Meta-analysis*

**Cavaignac E**, Reina N, Pailhé R, Chiron P. World Arthroplasty congress. Paris 2015

- *Evaluation échographique du ligament antérolatéral du genou: étude cadavérique*

**Cavaignac E**, Wytrykowski K, Chiron P, Reina N: SOFCOT 2015

- *Les guides de coupe sur mesure: précision de pose, méta-analyse*

**Cavaignac E**, Table Ronde du CAOS sur les guides de coupes sur mesure. SOFCOT 2015

- *Comment aborder le genou dans les reprises de PTG*

**Cavaignac E**, Symposium SFHG sur les RPTG. SOFCOT 2015

- *Existe-t-il un lien entre la morphologie de l'éminence intercondylienne du tibia et la survenue d'ostéochondrite disséquante du genou*

**Cavaignac E**, Perroncel G, Vial J, Accadbled F, Sales De Gauzy J. SFA 2015.

#### **Prix for best oral communication**

- *Evaluation échographique du ligament antérolatéral du genou: étude cadavérique*

**Cavaignac E**, Faruch M, Wytrykowski K, Chiron P. SFA 2015 (E Poster)

- *Incorporation des greffons aux ischio-jambiers en fonction de la longueur de greffe dans les tunnels*

**Cavaignac E**, Marot V. Faruch M, , Chiron P. SOFCOT 2017

- *Valeur moyenne du score KOOS dans une population saine en fonction de l'âge, du sexe et de l'IMC*

**Cavaignac E**, Marot V. Wytrykowski K, Chiron P. SOFCOT 2017

#### **Prize for best oral presentation**

- *Variabilité inter-ethnique de la valeur de la torsion épiphysaire fémorale distale.*

**Cavaignac E**, Marot V. Telmon N, Murgier J, Chiron P. SOFCOT 2017

- *Incorporation des greffons aux ischio-jambiers en fonction de la longueur de greffe dans les tunnels*

**Cavaignac E**, Marot V. Faruch M, Chiron P. SFA 2017

- *Valeur moyenne du score KOOS dans une population saine en fonction de l'âge, du sexe et de l'IMC*

**Cavaignac E**, Marot V. Wytrykowski K, Chiron P. SFA 2017

**Class B: National and international conferences without peer-review**

– *Etude prospective en scanner trois dimensions des fractures du massif trochantérien*  
**Cavaignac E, Lecoq M, Bonneville P** HIP 2010 Toulouse

– *Savoir reconnaître une séquelle d'épiphysiolyse chez le jeune adulte*  
**Chiron P, Cavaignac E.** HIP 2010 Toulouse

– *Les radiographies sont-elles suffisantes pour le diagnostic de CAFA*  
**Cavaignac E, Espié A.** HIP 2010 Toulouse

– *Résultat des ligamentoplasties du croisé antérieur de type pédiatrique selon la méthode TLS*

**Cavaignac E, Cassard X.** TLS DAY Annecy 2011

– *Les RCP: pourquoi – comment? Un rappel concernant les aspects réglementaires et les règles de bonnes pratiques*

**Cavaignac E.** Réunion du CRIOAC GSO Toulouse 2012

– *Etude expérimentale d'une incidence radiographique originale pour le diagnostic de CAFA de type came*

**Cavaignac E,** Prix Roland Petit, 37<sup>e</sup> réunion élargie du GECO, Les arcs, 2013

– *Incidence du Conflit fémoroacétabulaire chez le rugbyman professionnel*

**Cavaignac E,** Commission médicale de la LNR (Ligue National de Rugby), Paris, 2013

– *Sport et arthroplastie de genou*

**Cavaignac E, Chiron P;** Réunion de la société française de médecine du sport. Toulouse 2013

– *Arthroplastie du membre inférieur et sport*

**Cavaignac E.** réunion MEDICSPORT. Toulouse 2013

– *Reprise de fracture sur PTH par la tige MRS à Embase variable en Pressfit*

**Cavaignac E,** Congrès HIP. Toulouse 2014

– *Que faut-il penser de la re découverte du ligament antérolatérale du genou ?*

**Cavaignac E,** Séances de l'Académie Nationale de Chiru