

**Jean M. BRILHAULT**  
**M.D. – Ph.D.**  
**Senior Professor in Orthopedic Surgery**

## **EDUCATION AND CERTIFICATION**

### **1. EDUCATION**

- Medical school: Angers medical school (1987–1993)
- Residency: Tours University Hospital (1994–2000)
  - Bégin Instructional Military Hospital (1995 – 1996)
  - Rouen University Hospital, Pr. Biga (nov 00 – apr 01)
  - Versailles hospital, Dr. Beaufils (may 01 – oct 01)
- Fellowship in orthopedic surgery: Tours University Hospital
  - Orthopedic Surgery II , Pr. Rosset (2001–2002)
  - Orthopedic Surgery I Pr. Burdin (2002-2003)
  - Orthopedic Surgery I Pr. Favard (2003-2005)
- Assistant Professor in Orthopedic Surgery (2006 - Tours)
- Research Fellowship: Department of Arthroplasty, Pr. Ries, UCSF (2007 - San Francisco, USA)
- Junior Professor in Orthopedic Surgery (2008 – Tours)
- Research Associate: Department of Arthroplasty, Pr. Ries, UCSF (2009 - San Francisco, USA)
- Guest Professor: Foot and Ankle Reconstruction, Pr. Coughlin, USCF (2009 - San Francisco, USA)
- Senior Professor in Orthopedic Surgery (2012 – Tours)

### **2. CERTIFICATION**

- Licensed in Anatomy (1993 – Angers)
- Certificate of medical statistics in clinical research (1996 – Paris)
- Master in Biology and Medicine : *Image Processing* (1999 – Tours)
- Doctor in medicine (2000 – Tours)
- Qualification in Surgery (2000 – Tours)
- Qualification in Orthopedic Surgery and Trauma (2002 – Tours)
- Doctor in Philosophy: *Image processing for a morphological study of the distal human femur: applications to the valgus knee* (2003 – Tours)
- Accreditation to supervised Research (Habilitation à Diriger les Recherches, 2009 – Tours)
- Specialty qualification: Microsurgery (1995 – Paris); Hand Surgery (1998 – Tours); Foot & Ankle Surgery (2004 – Paris)

## **MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES**

- Conseil National Universitaire (CNU) de Chirurgie Orthopédique et Traumatologie: Representative for the Junior Professor College (2008 – 2012).
- Collège Français des Chirurgiens Orthopédistes et Traumatologue (French Orthopaedic and Trauma College): Member of the board, Chairman of the National Resident Trauma Course (2008, 2010, 2011, 2012)
- Société Française de Chirurgie Orthopédique et Traumatologie (French Orthopaedic Society): Senior member
- American Orthopedic Foot & Ankle Society (AOFAS): International member, member of the Evidence Based Medicine Committee
- American Association of Orthopaedic Surgeons: International member.
- Société d'Orthopédie de l'Ouest (West Orthopaedic Society): Member, Chairman of the 2011 Symposium on Total Ankle Replacement.
- Association Française de Chirurgie du Pied (French Foot & Ankle Society): Senior member; Member of the board, Head of the Scientific Committee, Editor of AFCP yearly monography (2011, 2012).

## **Fellows and Resident Courses**

- Vreden's Reading Foot & Ankle Cession, Faculty (Saint Petersburg, RU, 2016)
- Advanced Foot & Ankle Society Course, Faculty: Peritalar Osteotomy (Paris, 2014), Ankle fusion (Paris, 2016)
- Tours Courses for the National Foot & Ankle Surgery Specialty Qualification, Chairman (Tours, 2012, 2015)
- National Resident Knee Course, Faculty, Cofcot (Paris 2012, 2013, 2014)
- National Resident Trauma Course, Chairman, Cofcot (2008, 2010, 2011, 2012, 2013, 2014, 2015, 2016)
- Ankle arthrodesis technique. SOFCOT Instructional Course, Chairman Paris 2011
- Ankle Arthroplasty Resident & Fellow Course and on site surgical support, Chairman (Nantes, January and February 2012)
- Surgical Foot and Ankle Anatomy Course, Faculty (Orthopaedic Trauma Institute, UCSF, San Francisco, CA 2009)
- Faculty in the Talaris Workshop (Tornier®, Cleveland, OH, USA 2008)

## **Industry sponsored Courses & Meetings**

- Foot & Ankle Teach the Teacher course, Faculty (Smith & Nephew®, Hong Kong 2014, Istanbul 2015, Singapor 2015, Singapor 2016, Doha 2016)
- Salto Experts Meeting Course, Faculty (Tornier®, Paris 2015)
- Journey BCS2 Knee Arthroplasty Technique, Web Event Course, Faculty (Smith & Nephew®, Genk, Belgium, 2014)
- Arthrodèse de cheville par plaque verrouillées, Web Event Course, Chairman (Smith & Nephew®, Paris, 2013)
- International Ankle Course, Faculty (Tornier®, Lyon 2013)
- Salto Experts Meeting Course, Faculty (Tornier®, Paris 2013)
- Foot & Ankle Workshop Training, Faculty, (Tornier®, Coventry, UK, 2013)
- Foot & Ankle Advanced Course, Faculty (Orthofix®, London, UK 2011)
- Mediterranean Knee Meeting, Faculty (Smith & Nephew, Istanbul, Turkey 2011)
- Salto Course, Chairman (Tornier®, Tours 2008)
- Salto Experts Meeting Course, Faculty (Tornier®, San Francisco, CA, USA 2008)
- Faculty in the Talaris Workshop (Tornier®, Cleveland, OH, USA 2008)

## PUBLICATIONS

### 1. PEER REVIEWED ARTICLES

- Agout C, Rosset P, Druon J, **Brilhault J**, Favard L. Epidemiology of malpractice claims in the orthopedic and trauma surgery department of a French teaching hospital: A 10-year retrospective study. *Orthop Traumatol Surg Res.* 2018 Feb;104(1):11-15.
- Noailles T, Lopes R, Padiolleau G, Gouin F, **Brilhault J**. Non-anatomical or direct anatomical repair of chronic lateral instability of the ankle: A systematic review of the literature after at least 10 years of follow-up. *Foot Ankle Surg.* 2016 Nov 5. pii: S1268-7731(16)30460-X.
- Baverel L, **Brilhault J**, Odri G, Boissard M, Lintz F. Influence of lower limb rotation on hindfoot alignment using a conventional two-dimensional radiographic technique. *Foot Ankle Surg.* 2017 Mar;23(1):44-49.
- Chatellard R, Berhouet J, **Brilhault J**. Efficiency of locking-plate fixation in isolated talonavicular fusion. *Orthop Traumatol Surg Res.* 2016 Jun;102(4 Suppl):S235-9.
- Dubois de Mont-Marin G, Babusiaux D, **Brilhault J**. Medial collateral ligament lengthening by standardized pie-crusting technique: A cadaver study. *Orthop Traumatol Surg Res.* 2016 Jun;102(4 Suppl):S209-12.
- Remérand F, Godfroid HB, **Brilhault J**, Vourc'h R, Druon J, Laffon M, Fusciardi J. Chronic pain 1 year after foot surgery: Epidemiology and associated factors. *Orthop Traumatol Surg Res.* 2014 Nov;100(7):767-73
- Ebalard M, Le Henaff G, Sigonney G, Lopes R, Kerhousse G, **Brilhault J**, Hutten D. Risk of osteoarthritis secondary to partial or total arthrodesis of the subtalar and midtarsal joints after a minimum follow-up of 10 years. *Orthop Traumatol Surg Res.* 2014 Jun;100(4 Suppl):S231-7.
- Moubarak H, **Brilhault J**. Contribution of patient-specific cutting guides to lower limb alignment for total knee arthroplasty. *Orthop Traumatol Surg Res.* 2014 Jun;100(4 Suppl):S239-42.
- Borus T, **Brilhault J**, Confalonieri N, Johnson D, Thienpont E. Patellofemoral joint replacement, an evolving concept. *Knee.* 2014;21 Suppl 1:S47-50.
- Lintz F, Guillard C, Colin F, Marchand JB, **Brilhault J**. Safety and efficiency of a 2-portal lateral approach to arthroscopic subtalar arthrodesis: a cadaveric study. *Arthroscopy.* 2013 Jul;29(7):1217-23.
- Penaud A, Besset M, Quignon R, Bahe L, Danin A, Fouquet B, **Brilhault J**. The free gracilis muscle flap in the foot and ankle reconstructive surgery. *Ann Chir Plast Esthet.* 2014 Feb;59(1):42-52.
- Besset M, Penaud A, Quignon R, Bahe L, **Brilhault J**, Fouquet B. Donor site morbidity after free gracilis muscle flap. Report of 32 cases. *Ann Chir Plast Esthet.* 2013 May 23.
- Argenson JN, Boisgard S, Parratte S, Descamps S, Bercovy M, Bonneville P, Briard JL, **Brilhault J**, Chouteau J, Nizard R, Saragaglia D, Servien E; French Society of Orthopedic and Traumatologic Surgery. Survival analysis of total knee arthroplasty at a minimum 10 years' follow-up: A multicenter French nationwide study including 846 cases. *Orthop Traumatol Surg Res.* 2013 May 2.
- Chatellard R, Sauleau V, Colmar M, Robert H, Raynaud G, **Brilhault J**; Société d'Orthopédie et de Traumatologie de l'Ouest. Medial unicompartmental knee arthroplasty: Does tibial component position influence clinical outcomes and arthroplasty survival? *Orthop Traumatol Surg Res.* 2013 Jun;99(4 Suppl):S219-25.
- **Brilhault J**, Noël V. PTT Functional Recovery in Early Stage II PTTD After Tendon Balancing and Calcaneal Lengthening Osteotomy. *Foot Ankle Int.* 2012 Oct;33(10):813-8.
- Pinar N, Vernet E, Bizot P, **Brilhault J**. Total ankle arthroplasty - total ankle arthroplasty in Western France: influence of volume on complications and clinical outcome. *Orthop Traumatol Surg Res.* 2012 Jun;98(4 Suppl):S26-30.
- Preyssas P, Toullec É, Henry M, Neron JB, Mabit C, **Brilhault J**. Total ankle arthroplasty - three-component total ankle arthroplasty in western France: a radiographic study. *Orthop Traumatol Surg Res.* 2012 Jun;98(4 Suppl):S31-40.
- Barbary JB, Remérand F, **Brilhault J**, Laffon M, Fusciardi J. Ultrasound-guided nerve blocks in the Charcot-Marie-Tooth disease and Friedreich's ataxia. *Br J Anaesth.* 2012 Jun;108(6):1042-3.
- **Brilhault J**, Noël V. PTT functional recovery in early stage 2 PTTD after tendon balancing and calcaneal osteotomy. *Foot Ankle Int.* Accepted pour publication le 01/12/2011.
- Marteau E, Burdin P, **Brilhault J**. Gracilis tendon transfer associated with distal alignment for patella alta with recurrent dislocations. *Orthop Traumatol Surg Res.* 2011 Jun;97(4 Suppl):S5-11.
- **Brilhault J**, Ries MD. Influence of offset stem couplers in femoral revision knee arthroplasty: a radiographic study. *Knee.* 2011 Apr 13. [Epub ahead of print].
- **Brilhault J**, Ries MD. Posteriorly offset femoral component to restore anteroposterior position of the distal femur in revision TKA. *J Arthroplasty.* 2011 Feb;26(2):214-7.

- **Brilhault J**, Ries MD. Measuring patellar height using the lateral active flexion radiograph: Effect of total knee implant design. *Knee*. 2010 Mar;17(2):148-151.
- Carpenter RD, **Brilhault J**, Majumdar S, Ries MD. Magnetic resonance imaging of in vivo patellofemoral kinematics after total knee arthroplasty. *Knee*. 2009 Oct;16(5):332-6. Epub 2009 Feb 1.
- **Brilhault J**. Single medial approach to modified double arthrodesis in rigid flatfoot with lateral deficient skin. *Foot Ankle Int*. 2009 Jan;30(1):21-6.
- Maurel B, **Brilhault J**, Martinez R, Lermusiaux P. Compartment syndrome with foot ischemia after inversion injury of the ankle. *J Vasc Surg*. 2007 Aug;46(2):369-71.
- **Brilhault J**, Burdin P. Periprosthetic fractures around total hip and knee arthroplasty. Periprosthetic fractures following total knee arthroplasty: a 6 months prospective study. *Rev Chir Orthop Reparatrice Appar Mot*. 2006 Sep;92(5 Suppl):2S74-2S79.
- **Brilhault J**, Ledu C, Rousselle JJ, Burdin P: Femoral shaft bowing in valgus knees: an anatomic study. *Rev Chir Orthop Reparatrice Appar Mot*. 2006 Apr; 92(2):133-39. French.
- **Brilhault J**, Preyssas Ph, Favard L, Burdin P: Dimensions of the lateral condyle in non-arthritis valgus knees. A cadaver study *Rev Chir Orthop Reparatrice Appar Mot*. 2002 Nov; 88(7):686-90.
- **Brilhault J**, Lautman S, Favard L, Burdin P: The lateral femoral sliding osteotomy. *J Bone Joint Surg* , 2002, 84-B, 1126-1130.

## 2. REVIEW ARTICLES & BOOK CHAPTERS

- **Brilhault J**. Ankle arthrodesis technique. In: Hutten D (Ed) SOFCOT Instructional Course n° 100. Paris: Elsevier; 2011.
- **Brilhault J**, Besse JL (Ed). Monographie AFCP N°7 Editions Sauramps Médical, 2011, 233p.
- **Brilhault J**, Burdin P. TKA in the severe valgus knee: lateral epicondyle sliding osteotomy technique. In: Bonnin M, Amendola A, MacDonald S, Bellemans J, Menetrey J, (Eds) *The Knee Joint: Surgical Techniques & Strategies*. Springer-Verlag Paris, to be published
- **Brilhault J**, Lautman S, Favard L, Burdin P: Lateral femoral sliding osteotomy in total knee arthroplasty for fixed valgus deformity. In : *Interactive Surgery*. Paris : Springer-Verlag ; 2008, 3, 27-33.
- **Brilhault J**, Wallon M, Mezziane M. Tricks and techniques to reduce and fix calcaneal fractures through a simple sinus tarsi approach. In : Dubrana F, Lefevre C, Le Nen D (Eds) *Trucs et astuces en chirurgie orthopédique et traumatologie n°4*. Montpellier : Sauramps, 2006. p. 161-66. French.
- **Brilhault J**, Favard L: Surgical treatment of aseptic long bone nonunions. *Encycl. Méd. Chir, Rhumatologie-Orthopédie*. 2005 May ; 2(3): 217-47.
- Burdin P, **Brilhault J**: Preliminary evaluation prior to surgical management of failed total knee arthroplasty. In: Burdin P, Hutten D (Eds) *Revision total knee arthroplasty, SOFCOT Instructional Course n° 84*. Paris: Elsevier; 2003. p. 1-4.
- Burdin P, **Brilhault J**: Bone loss following the failure of total knee arthroplasty. In: Burdin P, Hutten D (Eds) *Revision total knee arthroplasty, SOFCOT Instructional Course n° 84*. Paris: Elsevier; 2003. p. 10-16.
- Burdin P, Lautman S, **Brilhault J**: Bone defect in revision total knee arthroplasty. In : Bonnin M, Chambat P (Eds) *La Gonarthrose*. Paris : Springer-Verlag ; 2003. p. 491-8.
- Burdin P, **Brilhault J**: Bone cuts and prosthetic components positioning. In : Lemaire R, Witvoet J (Eds) *Total Knee Arthroplasty, SOFCOT Instructional Course n° 81*. Paris: Elsevier; 2002. p. 132-48. French.

Last updated: February 2018