

CURRICULUM VITAE

CHATAIN Frédéric Georges Marie

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ACTIVITE PROFESSIONNELLE

- Chirurgie Osseuse et Articulaires ARTHROSE HANCHE et GENOU.
- Expert près la cour d'Appel de Grenoble depuis 2006
- Clinique Belledonne, 38400 Saint Martin d'Hères.
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ETUDE – FORMATION

Assistant-Chef de clinique des hôpitaux de Lyon : 1998- 2001.
Interne des hôpitaux de Lyon : 1991- 1997.
Etudes médicales : Université Claude Bernard - Lyon 1. Interne des hôpitaux de Lyon. 1991.

DIVERS

Langue : Anglais lu, écrit et parlé.

Membre :

- Collège Français des Chirurgiens Orthopédistes et Traumatologues
- SFHG (Société Française de Chirurgie Hanche et Genou)
- SOFCOT (Société Française de Chirurgie Orthopédique et Traumatologie) membre associé
- Compagnie des experts. Grenoble.
- LYSKS (Lyon School Knee Surgery)

DIPLOMES ET TITRES UNIVERSITAIRES

- DESCQ Chirurgie Orthopédique et Traumatologie, 18 oct. 1999.
- THESE de médecine, faculté médecine, Lyon, 30 juin 1998.
- MEDAILLE D'OR : Lauréat Concours des Hôpitaux de Lyon. 1997.
- DEA de GBM option BIOMECHANIQUE. Ecole Nationale des Arts et Métiers, Paris, 1997-1998.

PRIX

Prix de la Société Française de Chirurgie Orthopédique et Traumatologique. Trophée SOFCOT.
« Analyse de l'influence de la hauteur de l'interligne articulaire sur la cinématique 3D et sur le comportement des ligaments collatéraux du genou prothésé. Etude in vitro ». SOFCOT, Paris 7 au 10 novembre 2000.

Publications ECRITES

[Total Hip Arthroplasty Using a Hemispherical Uncemented Dual-Mobility Cup Results in Satisfactory Clinical Outcomes and No Dislocations at 2 years.](#)

Schneider L, **Châtain F**, Estour G, Ramos-Pascual S, Nover L, Bonin N. Arthroplast Today. 2021 May 31;9:93-97. doi: 10.1016/j.artd.2021.04.017. eCollection 2021 Jun. PMID: 34136611

[No difference in 13-year survival after medial pivot or central pivot mobile bearing total knee arthroplasty. A propensity matched comparative analysis.](#)

Jenny JY, Bercovy M, Cazenave A, Gaillard T, **Châtain F**, Jolles BE, Rouvillain JL, Saragaglia D; French Society for Hip and Knee Surgery (SFHG). Knee Surg Sports Traumatol Arthrosc. 2021 Nov;29(11):3648-3653. doi: 10.1007/s00167-020-06355-0. Epub 2020 Nov 9. PMID: 33165636

[Navigation Improves the Survival Rate of Mobile-Bearing Total Knee Arthroplasty by Severe Preoperative Coronal Deformity: A Propensity Matched Case-Control Comparative Study.](#)

Jenny JY, Saragaglia D, Bercovy M, Cazenave A, Gaillard T, **Châtain F**, Jolles-Haerberli B, Rouvillain JL. J Knee Surg. 2021 Aug;34(10):1080-1084. doi: 10.1055/s-0040-1701441. Epub 2020 Feb 19. PMID: 32074654

[Inconsistent relationship between body weight/body mass index prior to total knee arthroplasty and the 12-year survival.](#)

Jenny JY, Saragaglia D, Bercovy M, Cazenave A, Gaillard T, **Châtain F**, Jolles B, Rouvillain JL; French Society for Hip and Knee Surgery (SFHG). *Knee*. 2019 Dec;26(6):1372-1378. doi: 10.1016/j.knee.2019.08.013. Epub 2019 Oct 18. PMID: 31635946

One-stage computer-assisted total knee arthroplasty and tibial osteotomy. Denjean S, **Chatain F**, Tayot O. *Orthop Traumatol Surg Res*. 2017 May;103(3):381-386

Is unicompartmental-to-unicompartmental revision knee arthroplasty a reliable option? Case-control study | Epinette J, Leyder M, Saragaglia D, Pasquier G, Deschamps G, Argenson J, Bloch A, Bonnin M, Callas P, Cartier P, Cazenave A, Chambat P, **Chatain F**, Chol C, Dejour D, Deschamps G, épinette J, Hernigou P, Lerat J, Mertil P, Migaud H, Mole D, Moyen B, Pasquier G, Rouvillain J, Saragaglia D, Tabutin J, Trojani C *Revue de Chirurgie Orthopedique et Traumatologique*, vol. 100, issue 1 (2014)

[Outcomes of 447 SCORE\(®\) highly congruent mobile-bearing total knee arthroplasties after 5-10years follow-up.](#) Châtain F, Gaillard TH, Denjean S, Tayot O. *Orthop Traumatol Surg Res*. 2013 Oct;99(6):681-6.

[Computer-navigated revision total knee arthroplasty for failed unicompartmental knee arthroplasty.](#) CHATAIN F, Denjean S, Delalande JL, Chavane H, Bejui-Hugues J, Guyen O. *Orthop Traumatol Surg Res*. 2012 Aug 29.

Total Knee Replacement with Computer Assisted Surgery. CHATAIN E, DENJEAN S, TAYOT O, Group SCOR, in *Maîtrise Orthopedique* n°165, pp1.16-21 June July, 2007.

[Revision total knee arthroplasty after unicompartmental femorotibial prosthesis: 54 cases.](#) CHATAIN E, Richard A, Deschamps G, Chambat P, Neyret P. *Rev Chir Orthop Reparatrice Appar Mot*. 2004 Feb;90(1):49-57.

[A comparative study of medial versus lateral arthroscopic partial meniscectomy on stable knees: 10-year minimum follow-up.](#) CHATAIN F, Adeleine P, Chambat P, Neyret P; Société Française d'Arthroscopie. *Arthroscopy*. 2003 Oct;19(8):842-9. Review.

[\[Influence of the height of the joint space on the three-dimensional kinetics of total knee prostheses and behavior of the lateral ligaments: an in vitro study\].](#)

CHATAIN E, Marin F, Lavaste F, Skalli W, Neyret P. *Rev Chir Orthop Reparatrice Appar Mot*. 2002 Dec;88(8):803-11.

[Arthroscopic reconstruction of the anterior cruciate ligament.](#) Bouattour K, CHATAIN F, Ait Si Selmi T, Neyret P. *Rev Chir Orthop Reparatrice Appar Mot*. 2002 Apr;88(2):130-8. French.

[The natural history of the knee following arthroscopic medial meniscectomy.](#)

CHATAIN F, Robinson AH, Adeleine P, Chambat P, Neyret P. *Knee Surg Sports Traumatol Arthrosc*. 2001;9(1):15-8.

Total Knee Replacement after failed Unicompartmental knee Replacement
VERDONK R, CHATAIN F. In *osteoarthritis of the Knee's book*. 439-453. Springer-Verlag, 2002

Pannification of a Total Knee Replacement. CHATAIN F. In *osteoarthritis of the Knee's book*. 247 - 264. Springer-Verlag, 2002

CHATAIN E, Neyret P, Chambat P, Boyer T. Meniscectomy in arthritis of the knee. *Rev Prat*. 1998 Nov 1;48(17 Suppl):S41-4. French. No abstract available.

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Biomaterials and rationale in unicompartmental replacement. *Rev. Chir. Orthop., Suppl. I*, vol. 52, 1996.

DEJOUR D., CHATAIN F., HABI S.,
Unicompartmental replacement Symposium. Role of the patellofemoral and the opposite femorotibial joint in the unicompartmental replacement's bad results. Rev. Chir. Orthop., Suppl. I, vol. 52, 1996.

CHATAIN F., DEJOUR D., NEYRET Ph.,
Unicompartmental knee prosthesis reoperations about 110 cases. Rev. Chir. Orthop. Abstract 71st SOFCOT meeting (French Society of Orthopaedic and Traumatologic Surgery), 1996, 87, suppl. II, n° 143, 95.

NEYRET Ph., CHATAIN F., CHAMBAT P., Treatment of meniscal lesions. Indications for menisectomies and meniscus suture. GETROA book, Sauramps Medical 1997.

CHATAIN F., CHAMBAT P., NEYRET Ph., Arthroscopic menisectomies on a stable knee. Results after more than 10 years. SFA experiment Rev Rhum : June 1997

NEYRET Ph., CHATAIN F., DESCHAMPS G., La prothèse unicompartmentale. Matériel et options. Monographie : La Prothèse unicompartmentale. Cahiers d'enseignement de la SOFCOT, vol. 65, 1997, pp 60 - 64.

NEYRET Ph., CHATAIN F., DESCHAMPS G., Biomaterials and rationale in unicompartmental replacement. In: Unicompartmental knee prosthesis, SOFCOT (French Society of Orthopaedic and Traumatologic Surgery) teaching manuals, vol. 61, 1997, pp 56-60.

DEJOUR D., CHATAIN F., DEJOUR H., Résultats cliniques à moyen terme d'une série homogène de 110 prothèses unicompartmentales du genou. Monographie : La Prothèse unicompartmentale. SOFCOT (French Society of Orthopaedic and Traumatologic Surgery) teaching manuals, vol. 65, 1997, pp 214 - 219.

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CHATAIN F., NEYRET P., CHAMBAT P., BOYER T. Menisectomy in osteoarthritis knee. Physician Revue. 1998, Nov 1;48 Suppl 17:S41-4

JACQUOT L., CHATAIN F., CASALONGA D. Total Knee Replacement and patellar index. Ed. Sauramps 1999 .

Reports

- "Total Hip Revision and Materials in Orthopaedic Surgery". Diploma for certified medical expert appraisal, June, Lyon 2000.

- "Arthroscopic menisectomies on stable knees. Results after more than 10 years." Medical Thesis. Lyon 1998

- "Influence of the joint line position and knee kinematics and collateral ligament lengths after TKR. An in vitro study." Advanced diploma in Biomechanics. Paris 1998.

- "Arthroscopic bimenisectomies on stable knees. Results after more than 10 years". University diploma of Arthroscopy, 1998.

- "Patellar height and patellar tendon measured on MRI". Masters Degree in Biology and Medical Science, September 1986.