

Dr. Thibault LAFOSSE, MD

www.plexusbrachial-microchirurgie.com

www.alpssurgeryinstitute.com

[www.lafosse-shoulder-annecy.com](http://www.lafosseshoulder-annecy.com)

thibault.lafosse@hotmail.com

4 chemin de la tour la reine 74000 Annecy
born 02/13/1983 in Ivry-sur-Seine



MEDICAL AND SURGICAL TRAINING

Since 2023	Co-Chairman of the Annecy Live Surgery Meeting 35 live surgeries www.lafosse-shoulder-annecy.com
Since 2021	Co-Chairman of the Alps Surgery Institute Research and education Courses and congress organization www.alpssurgeryinstitute.com
Since 2020	Co-director of the PHD training program of the Alps Surgery Institute / Vrije Universiteit Amsterdam
Since 2017	Orthopedic surgeon in Clinique Générale d'Annecy Teaching Hospital Hand, upper limb, peripheral nerve surgery Shoulder, elbow surgery Microsurgery, Arthroscopy
Nov 2015	Assistant professor, attending surgeon (Chef de clinique- Assistant) Paris University, European Georges Pompidou Hospital: Department of orthopedics, hand, upper limb, microsurgery and nerve surgery unit
May 2015	Travelling fellowship in Thailand (Microsurgery/Brachial Plexus Surgery) Dr Somsak Leechavengvongs (Bangkok) Dr Kanit Sananpanich (Chiang Mai)
2009- 2015	Resident in the University Hospitals of Paris in orthopedic surgery <u>Nov 2014:</u> Ambroise Paré hospital, Pr Hardy (Arthroscopic and sports surgery department) <u>Mai 2014:</u> Children hospital Trousseau, Pr Vialle (Orthopedic and reconstructive pediatric surgery) <u>Nov 2013 :</u> European Hospital Georges Pompidou , "SOS main HEGP", Paris, Pr Masmejean (hand and nerve department) <u>Mai 2013 :</u> Shoulder Surgery fellowship at Clinique Générale d'Annecy, Annecy, Dr Laurent Lafosse (upper limb unit, shoulder arthroscopy) <u>Nov 2012 :</u> Eastern Paris Hand trauma center, "SOS main" La Francilienne, Pontault-Combault <u>Mai 2012 :</u> Children Hospital, "SOS main" Robert Debré, Paris, Pr Mazda (pediatric orthopedics) <u>Nov 2011 :</u> European Hospital Georges Pompidou, Paris, Pr Augereau (trauma center) <u>Mai 2011 :</u> Bichat Hospital, Paris, Pr Oberlin (upper limb, nerve surgery) <u>Nov 2010 :</u> Antoine Béclère Hospital, Clamart, Pr Bégué (orthopedic surgery) <u>Mai 2010 :</u> Antoine Béclère Hospital, Clamart, Pr Daguer (general surgery) <u>Nov 2009 :</u> René Dubos Hospital, Pontoise, Dr Di Montagliari (orthopedic surgery)
Juillet 2009	National Ranking Exam (ECN) 548th: general surgery, Paris
2003 -2009	medical school in Faculté Lyon Nord, université Claude Bernard Lyon 1

UNIVERSTY DIPLOMA, AND GRADUATIONS

Since 2022	<u>Program committee member of the ESSSE</u>
Since 2021	<u>PHD Student in Vrije University Amsterdam:</u> <i>Changing the paradigm for nerve impairments management around shoulders</i> <i>Thesis to be presented in January 2024</i> Under the supervision of Prof. Michel van den Bekerom M.D., Ph.D. (Dept. of Orthopaedic Surgery)
April 2021	<u>Good Clinical practice certified</u>
Since 2020	<u>Associate professor of the French Hand surgery society teachers' faculty</u>
Since 2019	<u>R&D team developers with Depuy Mitek</u>
Since 2018	<u>R&D team of developers with Move Up</u>
Since 2018	<u>Associate member of</u> - The French Hand surgery Society - The French Arthroscopic Society - The European Society for Surgery of Shoulder and Elbow
Since 2017	<u>Associate professor of the French orthopedic society teachers' faculty</u>
2015	<u>MEDICAL THESIS : endoscopic approach of the brachial plexus, anatomical description, and clinical applications</u> université Paris 5, faculté de médecine Paris 5
since 2015	<u>Associate member of the French arthroscopy society</u> <u>Associate member of the French Microsurgery society</u>
2011-2013	<u>University diploma in upper limb and hand surgery</u> Université Paris 7, Bichat medical school
2011	<u>University diploma in Microsurgery</u> Université Paris 7, Bichat medical school
2010	<u>University diploma in surgical and functional anatomy of the locomotor apparel</u> Université Paris 5, Paris Descarte medical school
<u>UNIVERSITARY MINORS</u>	
2007	paraclinic investigations strategies , Lyon Sud medical school
2006	medical English , Lyon Nord medical school
2005	sports medicine , Lyon Grange Blanche medical school
2004	clinical anatomy , Lyon Nord medical school

SCIENTIFIC EXPERIENCE, COURSES, AND MEETINGS

2021-2022	Faculty at the Val d'isere, Paris, Baalgrist, Antwerp, Athene, San Diego, SCCOT shoulder courses
2020	Faculty at the Berlin, Sao Paulo, Hannover live surgery courses`
Since 2017	Co-Chairman of Advanced Shoulder Live surgery courses with ASI
Since 2019	Co-Chairman of the Annecy Live Surgery meeting
Since 2016	Faculty at the Nice Shoulder course
Since 2015	Faculty at the Mayo Clinic tendon transfer course
Since 2014	GAM meeting (French microsurgery society meeting)
Since 2013	SFA Meeting (French arthroscopic society, Bordeaux)
Since 2011	RAMSES robotic microsurgery course , (IRCAD, Strasbourg)
Since 2009	Participation to the GEM annual meeting (French hand surgery society)
Since 2005	Participation to SOFCOT annual meeting (French orthopedic society) Staff member of the Annecy Live Surgery (5th edition in 2013) , live surgery shoulder course.

PUBLICATIONS

[link to Pubmed publications](#)

2023

- Correlation between preoperative clinical examination and intraoperatively found subscapularis tendon tear.

Camenzind RS, Martin Becerra J, Tondelli TO, Gossing L, Serane-Fresnel J, Lafosse T, Lafosse L.

Eur J Orthop Surg Traumatol.

- Predictive value of Gagey's hyperabduction test in identifying inferior glenohumeral ligament lesions

Sanne H van Spanning, Thibault Lafosse, Lukas P E Verweij, Sybren K van Rijn, Laurent Lafosse, Geert Alexander Buijze
Orthop Traumatol Surg Res

- Developing a machine learning algorithm to predict probability of retear and functional outcomes in patients undergoing rotator cuff repair surgery: protocol for a retrospective, multicentre study

Laurens J H Allaart, Sanne van Spanning, Laurent Lafosse, Thibault Lafosse, Alexandre Ladermann, George S Athwal, Laurent A M Hendrickx, Job N Doornberg, Michel P J van den Bekerom, Geert Alexander Buijze; Machine Learning Consortium
BMJ Open

- The O'Brien test demonstrates a higher diagnostic value in identifying posteroinferior labral tears than superior labral anterior to posterior (SLAP) tears

Geert Alexander Buijze, Sandrine Mariaux, Sanne H van Spanning, Lukas P E Verweij, Sybren K van Rijn, Laurent Lafosse, Thibault Lafosse
JSES Int

- Subacromial Balloon Spacer Does Not Reduce the Retear Rate for Massive Rotator Cuff Tears: A Comparative Study

José Carlos Minarro, Cristina Bassi, Andrew Boltuch, Maite Urbano-Luque, Geert Alexander Buijze, Laurent Lafosse, Thibault Lafosse
Arthroscopy

- Modern Treatment of Neurogenic Thoracic Outlet Syndrome: Pathoanatomy, Diagnosis, and Arthroscopic Surgical Technique

Adil S Ahmed, Thibault Lafosse, Alexander R Graf, Anthony L Karzon, Michael B Gottschalk, Eric R Wagner
J Hand Surg Glob Online

- Biomodulating healing after arthroscopic rotator cuff repair: the protocol of a randomised proof of concept trial (BIOHACK)

Laurens Jan Houterman Allaart , James Lech, Arno Alexander Macken, Agathe Kling, Laurent Lafosse, Thibault Lafosse, Michel P J van den Bekerom, Geert Alexander Buijze
Bmj open

2022

- **Systematic bifocal decompression for isolated long thoracic nerve paresis: A case series of 12 patients**

Achenbach L, Le Hanneur M, Camenzind R, Bouyer M, Potecher P, Lafosse T
Interdisciplinary neurosurg.

- **Pseudoparalysis and pseudoparesis of the shoulder: Clinical presentation, biomechanics, and implications for treatment**

Camenzind R, Lafosse L, Lafosse T
Obere Extremität

- **A pilot-study focusing on internal rotation after reverse total shoulder arthroplasty using the Activities of Daily Living which require Internal Rotation (ADLIR) score**

Beckers J, Lafosse L, Caruso G, Kopel L, Commeil P, Mariaux S, Lafosse T
Shoulder and Elbow

- **Development and training of a machine learning algorithm to identify patients at risk for recurrence following an arthroscopic Bankart repair (CLEARER): protocol for a retrospective, multicentre, cohort study**

Van Spanning S, Verweij L, Allaart L, Hendrix L, Doornberg J, Athwal G, Lafosse T, Lafosse L, Van den Bekerom M, Buijze GA
BMJ open

- **Arthroscopic Bone Block Procedure for Posterior Shoulder Instability: Updated Surgical Technique**

Van Spanning S, Picard K, Buijze A, Themessel A, Lafosse L, Lafosse T
Arthroskop Tech.

- **Correlation between preoperative clinical examination and intraoperatively found subscapularis tendon tear.**

Camenzind RS, Martin Becerra J, Tondelli TO, Gossing L, Serane-Fresnel J, Lafosse T, Lafosse L.
Eur J Orthop Surg Traumatol.

- **Technical Guide and Tips to Posterior Arthroscopic Latissimus Dorsi Transfer for Irreparable Posterosuperior Rotator Cuff Tears.**

Lopez-Fernandez V, Mariaux S, Lafosse L, Lafosse T.
Arthrosoc Tech. 2022

- **Cell therapy efficacy and safety in treating tendon disorders: a systemic review of clinical studies.**

Mirghaderi SP, Valizadeh Z, Shadman K, Lafosse T, Oryadi-Zanjani L, Yekaninejad MS, Nabian MH.J
Exp Orthop.

2021

- **Epidemiology of hand traumas during the COVID-19 confinement period.**

Fortané T, Bouyer M, Le Hanneur M, Belvisi B, Courtiol G, Chevalier K, Dainotto C, Loret M, Kling A, Bentejac A, Lafosse T.
Injury.

- **Live Surgery: A retrospective study on the outcomes and complications of 7 orthopedic live surgery events.**

Lafosse L, Protails M, Moody MC, Colas M, Puah KL, Lafosse T.
Orthop Traumatol Surg Res.

- **Scapula alata: Diagnosis and treatment by nerve surgery and tendon transfers.**

Lafosse T, D'Utruy A, El Hassan B, Grandjean A, Bouyer M, Masmejean E.
Hand Surg Rehabil.

- **The 360 Double Lasso Loop for Biceps Tenodesis: Tips and Tricks.**

Lafosse T, Kopel L, Beckers J, Lafosse L.
Arthrosc Tech.

- **Arthroscopic Scapholunate Synthetic Ligamentoplasty.**

Bouyer M, Lafosse T, Bentejac A.
Arthrosc Tech.

- **Palliative surgery for foot drop.**

Grandjean A, Lafosse T, Pierrart J, Masmejean E.
Hand Surg Rehabil.

2020

- **Pectoralis Major and Anterior Latissimus Dorsi Transfer for Subscapularis Tears.**

Burnier M, Lafosse T.
Curr Rev Musculoskelet Med.

- **Technical Guide and Tips to Anterior Arthroscopic Latissimus Dorsi Transfer for Irreparable Subscapularis Tears.**

Lafosse T, Fortané T, McBride A, Salentiny Y, Sahin K, Lafosse L.
Arthrosc Tech.

- **Total Elbow Arthroplasty in an elderly Patient with a Forearm Amputation: A Case Report in a Spastic Elbow.**

Gerosa T, Pierrart J, Lafosse T, Masmejean EH.
J Orthop Case Rep.

- **All-Endoscopic Treatment of Acromioclavicular Joint Dislocation: Coracoclavicular Ligament Suture and Acromioclavicular Ligament Desincarceration.**

Lafosse T, Fortané T, Lafosse L.
Arthrosc Tech.

- **Endoscopic Release of the Brachial Plexus**

Diogo Bader Thibault Lafosse, Jose Carlos Garcia Jr
Arthrosc Tech.

- **Endoscopic brachial plexus neurolysis in the management of infraclavicular nerve injuries due to glenohumeral dislocation.**

Le Hanneur M, Colas M, Serane-Fresnel J, Lafosse L, Grandjean A, Silvera J, Lafosse T..
Injury

- **Double-Nerve Transfer to the Axillary Nerve in Traumatic Upper Trunk Brachial Plexus Injuries Using an Axillary Approach: Anatomical Description and Preliminary Case Series.**

Lafosse T, Gerosa T, Serane J, Bouyer M, Masmejean EH, Le Hanneur M.
Operative Neurosurgery

2019

- **Surgical strategy in extensive proximal brachial plexus palsies.**

Le Hanneur M, Lafosse T, Cambon-Binder A, Belkheyar Z.
Musculoskelet Surg.

- **Postoperative motor deficits following elbow flexion reanimation by nerve transfer.**

Le Hanneur M, Walch A, Gerosa T, Grandjean A, Masmejean E, Lafosse T.
Hand Surg Rehabil.

- **Complications and Pitfalls after Finger Replantation in Young Children.**

Lafosse T, Jehanno P, Fitoussi F.
J Hand Microsurg.

- **Hand injury without any deficit: Is systematic surgical exploration justified?**

Amsallem L, Pierrart J, Werthel JD, Delgrande D, Bihel T, Sekri J, Zbili D, Lafosse T,
Masmejean EH.
Hand Surg Rehabil

- **Tissue on the Transferred Coracoid Graft After Latarjet Procedure: Histological and Morphological Findings.**

Haeni DL, Lafosse T, Haggerty C, Plath J, Kida Y, Sanchez M, Wolf F, Calvo E, Müller AM,
Barbero A, Lafosse L.
Am J Sports Med.

- **Direct transfer of C7 pectoral fascicles to the suprascapular nerve in C5/C6 brachial plexus palsies: an anatomical study.**

Le Hanneur M, Masmejean EH, Lafosse T.
J Hand Surg Eur Vol

- **Fingertip reconstruction by palmar bipedicular island flap in long fingers (modified neurovascular Tranquilli-Leali flap): A dual-center study.**

Sérane-Fresnel J, Lafosse T, Amsallem L, Chaves C, Delpit X, Chassat R, Masméjean EH.
Hand Surg Rehabil

2018

- **Triple-bundle anatomical reconstruction using the coracoacromial ligament and the short head of biceps tendon to stabilize chronic acromioclavicular joint dislocations: A cadaver feasibility study.**

Le Hanneur M, Delgrande D, Lafosse T, Werthel JD, Hardy P, Elhassan B.
Orthop Traumatol Surg Res.

- **All-Endoscopic Resection of an Infraclavicular Brachial Plexus Schwannoma: Surgical Technique.**

Lafosse T, Le Hanneur M, Popescu IA, Bihel T, Masmejean E, Lafosse L.
Arthrosc Tech.

- **Simplified internal fixation of fifth metacarpal neck fractures.**

Amsallem L, Pierrart J, Bihel T, Sekri J, Lafosse T, Masmejean E, Delgrande D.
Orthop Traumatol Surg Res.

- **Biomechanical Comparison of Anatomic and Extra-Anatomic Reconstruction Techniques Using Local Grafts for Chronic Instability of the Acromioclavicular Joint.**

Le Hanneur M, Thoreson A, Delgrande D, Lafosse T, Werthel JD, Hardy P, Elhassan B.
Am J Sports Med

- **Bipolar pedicled teres major transfer for irreparable subscapularis tendon tears: an anatomic feasibility study.**

Lafosse T, Le Hanneur M, Lee J, Elhassan B.
J Shoulder Elbow Surg.

2017

- **All-Endoscopic Brachial Plexus Complete Neurolysis for Idiopathic Neurogenic Thoracic Outlet Syndrome: A Prospective Case Series.**
Lafosse T, Le Hanneur M, Lafosse L.
Arthroscopy. 2017
- **Arthroscopic Screw Removal After Arthroscopic Latarjet Procedure.**
Lafosse T, Amsallem L, Delgrande D, Gerometta A, Lafosse L.
Arthrosc Tech. 2017 May
- **All-endoscopic Brachial Plexus Complete Neurolysis for Idiopathic Neurogenic Thoracic Outlet Syndrome: Surgical Technique.**
Lafosse T, Le Hanneur M, Lafosse L.
Arthrosc Tech. 2017

2016

- **Terrorist attacks in Paris: Surgical trauma experience in a referral center.**
Gregory TM, Bihel T, Guigui P, Pierrart J, Bouyer B, Magrino B, Delgrande D, Lafosse T, Al Khaili J, Baldacci A, Lonjon G, Moreau S, Lantieri L, Alsac JM, Dufourcq JB, Mantz J, Juvin P, Halimi P, Douard R, Mir O, Masmejean E.
Injury.
- **Bataclan's ulnar nerve syndrome**
E Masmejean, T Bihel, T Lafosse, J Pierrart, J Silverra, O Mir, T Gregory
American Journal of Medicine
- **Transfer of a fascicle of the Pectoralis major from the C7 root to the suprascapular nerve: an anatomical feasibility study.**
T Lafosse, M Lehanneur, D Delgrande, J Pierrart, E Masmejean
Hand Surgery and Rehab.
- **Optimal axon count for the Transfer of the nerve of the rhomboid to the suprascapular nerve**
T Lafosse, F Teboul, T Bihel, JN Goubier
GAM meeting presentation
- **Transfert du Serratus antérieur, et transfert bipolaire de Teres major dans les ruptures irréparables du Subscapularis: étude anatomique de faisabilité**
T Lafosse, J Sekri, M Ferrand, P Hardy, E Masmejean, L Lafosse
Tendon transfers
Paris Shoulder Course presentation, SOFCOT.
- **Endoscopic Dissection & Anatomy of the Brachial Plexus: What Risks? For What Indications?**
T. Lafosse
Nice Shoulder Course presentation, Dubai Shoulder course presentation

2014-2015

- **The outcome of revascularization or re-implantation surgery of distal upper extremity in young children**
T Lafosse, P jehannot, F Fitoussi
GAM meeting presentation
- **Hyper extension-internal rotation (HERI): A new test for anterior gleno-humeral instability.**
Lafosse T, Fogerty S, Idoine J, Gobezie R, Lafosse L.
Orthop Traumatol Surg Res.
- **Congenital foot abnormalities.**
Delpont M, Lafosse T, Bachy M, Mary P, Alves A, Vialle R.
Arch Pediatr.
- **Brachial plexus endoscopic dissection and open correlation**
T Lafosse, E Masmejean, L Lafosse
GAM meeting presentation
- **Endoscopic brachial plexus release, technique and results, about 36 cases**
T Lafosse, E Masmejean, L Lafosse
GAM meeting presentation

2013-2014

- **The Turtleneck Pulley Plasty for Finger Flexor Tendon Repair**
Jean Noel Goubier, Thibault Lafosse, Frederic Teboul
Techniques in Hand and Upper Extremity Surgery
- **Multiple dorsal rotation flaps from the hand to forearm for five-fingered hands**
El Houmami N, Lafosse T, Ferrera R, Mazda K, Valenti
_P Ifssh-ifsst 2013 presentation
- **Anatomical study on the interest of the Hyper Extension Internal rotation test of the shoulder, in the analysis of anterior gleno humeral instability**
T Lafosse, L Lafosse
French arthroscopy annual meeting presentation
- **Rehabilitation of the upper limb function in C5, C6, C7 brachial plexus palsies, a retrospective study on 45 cases**
T Lafosse , Z belkheyar, C Oberlin
presentation at the French Hand Surgery Society annual meeting, GAM, FESSH

2012

- **Anatomical variations of the ilio lumbar vein in the anterior approach of the lumbar spine, a cadaver study about 15 cases.**
T.Lafosse P.Cottin, T.Begue.
presentation at the 87th French orthopedic society meeting
- **Evaluation of partial thickness rotator cuff tear after recurrent anterior glenohumeral dislocation : a ct-scan arthrography study**
T Lafosse, B Dalaudière, Koch P, Ratte L, Massin P, Boyer P.
Presentation at the ESSSE meeting
- **Routine single-port sleeve gastrectomy: a study of 60 consecutive patients**
Guillaume Pourcher, Giuseppe Di Dgiuro, Thibault Lafosse, Panagiota Lainas, Sylvie Naveau, Ibrahim Dagher.
Surgery For obesity and related disease.

2011

- **Single-port bariatric surgery: french experience in sleeve gastrectomy**
G.Pourcher, G. Di Giuro, T.Lafosse, I.Dagher.
XVI World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders, Hambourg, August-September 31-3, 2011

WORK EXPERIENCE

Since April 2013	Microsurgery calls taken as senior surgeon for hand trauma emergencies in "SOS main"
Summer 2009	Resident in the hospital of the Côte Basque, Bayonne(64) : Emergency Room, trauma, SAMU
2004 to 2009	Surgeon assistant <ul style="list-style-type: none">• Orthopedic surgery Dr Bauchu, Minguettes private hospital, Vénissieux• Hand surgery Dr Fredenucci, Charcot private hospital, Lyon• Ophthalmic surgery Dr Vasselon, Part-Dieu private hospital, Lyon
2004 to 2006	first year students of Lyon Nord medical school tutoring in physiology at Cercle de Conférences Médicales in Lyon.
2004 à 2005	Cadaver lab tutor for first and second year of medical school students

PRO BONO SURGERY EXPERIENCE

Since 2015	LA CHAINE DE L'ESPOIR, AFGHANISTAN: senior surgeon, hand upper limb, nerve surgery, and micro vascular surgery
Since 2012	LA CHAINE DE L'ESPOIR, IRAN: reconstructive, hand, nerve and upper limb surgery for children, fellow with Dr Valentin, then senior surgeon
Since 2013	LA CHAINE DE L'ESPOIR, JORDAN: reconstructive surgery for Syrian war victim children, fellow with Dr Valenti, then senior Surgeon
2005:	Fada N'Gourma, BURKINA FASO: 6 weeks mission in an orphanage, along with internship in the emergency room of the local hospital.

ASSOCIATIVE AND INTERNATIONAL EXPERIENCE

September 2012	member of the team for the creation of the internet web site of the pediatric "SOS main" in Robert DEBRE children hospital.
May 2011	Bichat Hospital's salle de garde manager
Mai 2010	Beclère Hospital's salle de garde manager
July-august 2006	Sao Paulo, Brésil : internship in the Emergency room, Hospital das clinicas
2000-2001	Groveland, Fl, USA: High School 12 th grade, graduation from south Lake High school
Languages	English: red, written and spoken fluently Italian : red, written, spoken fluently Espagnol : red, written, spoken
Family status	Married, 3 children 2 younger brothers
Sports, music	Snowboard Tournaments , national championships podiums Waterski tournaments national championships finalist Surfing, Kitesurfing, wingfoiling, Martial arts, feets-fists boxing, piano