

**Dr. JOSEPH HARFOUCHE**

*Delta, Chirec Hospital, Belgium*

**EDUCATION**

---

- 2012            Ph.D. Physiotherapy  
                  Catholic University Louvain (UCL)
- 2005            M.S. Arterial, venous and lymphatic rehabilitation (great distinction)  
                  Catholic University Louvain (UCL)
- 2003            MS Locomotric rehabilitation (MS 3d cycle) (great distinction)  
                  Catholic University Louvain (UCL)
- 2001            MS Sport rehabilitation (great distinction)  
                  Catholic University Louvain (UCL)

**WORK EXPERIENCE**

---

- 2018 -            Delta, Chirec Hospital
- 2018 -            Private Practice, Brussels
- 2006 - 2017        Hospital Edith Cavell/Delta CHIREC Brussels
- 2009-2017        Women's clinic & Breast Clinic Brussels
- 2008-2009        University course: pathophysiology in angiology, UCL
- 2004-2012        Assistant Professor Sturbois Xavier, UCL

## COMMUNICATIONS / PUBLICATIONS

---

2022

- The PeriKit: A New Methodology to measure Lymphoedema in the Upper and Lower Limbs, Dr Vodder School, Wommelgem, Belgium
- Steps For a Better Therapeutic Response in Lymphedema patients, Dr Vodder School, Wommelgem, Belgium

2021

- BeSL Manual Lymphatic Drainage is it a Myth or a Reality? Belgium
- ISL Venous Ulcer and Lymphedema. Greece
- ISL Efficiency of Manual Lymphatic Drainage. Greece
- ISL Effect of CPT on Microsurgical outcomes in patients with Breast Cancer Related Lymphedema following LVA / LNT
- ILF Venous Leg Ulcer and Lymphedema. Denmark

2020

- MedTech Meetup Brussels: The journey from the daily practice to the Perikit (By clinicians for clinicians)

2019

- European Society of Lymphology (ESL), Brussels: Means and steps for a better response in the lymphedema therapy
- ESL Brussels: Lymphedema and venous Ulcer
- Belgian Society of Lymphology (BeSL), Brussels: Lymphœdème et ulcères veineux
- BeSL Brussels : Analyse comparative de l'aisance d'utilisation et de reproductibilité de techniques de mesures
- BeSL Brussels : Efficacité du DLM dans le traitement du lymphœdème

2018

- International Lymphedema Framework (ILF) Rotterdam: Keys to enhance Patients adherence to the treatment
- ESL, Prague: Means to enhance patients' adherence to compression therapy
- Dr Vodder school: Lymphedema treatment, new method to take accurate measurements
- BeSL Brussels: How To Estimate The Therapeutic Response in Lymphedema
- Thuasne Lymphology Training

2017

- Journal of Lymphology: Circumferential and volume measurement in lymphedema management. Can we combine accuracy, reproducibility, practicality and affordability in the same device? Joseph N Harfouche, Nicolas Daoud, Thierry Velu – Edith Cavell CHIREC, Chirec Cancer Institute
- Veins & Lymphatics: The PeriKit: an innovative connected portable device with high level of accuracy and reliability in taking circumferential limb measurements – JN Harfouche
- Journal de phlébologie, Société Française de Phlébologie – Keys to enhance patient’s adherence to compression therapy
- Vrije Universiteit Brussel (VUB), Lymphedema treatment and compliance to compression therapy
- Human Body in Motion, Brussels: PeriKit, the new tapeline concept – From approximative to high precision in tapeline measurement taking, thanks to innovations.
- Covartim Medical Technology MeetUp Brussels
- Société Française de Phlébologie, Paris : Keys to enhance patients’ adherence to compression therapy Harfouche JN. Pôle de chirurgie Thoracique, cardiaque et Vasculaire. Chirec Delta Hospital. Brussels, Belgium

2016

- Axxon training : Traitement du lymphoedème chez le sportif, quelle place pour la thérapie de compression ?
- Axxon, annual congress Dinant: The PeriKit: an accurate, affordable and connected portable device for taking circumferential limb measurements Joseph Harfouche, Docteur en Kinésithérapie, CHIREC Edith Cavell, Bruxelles
- WUWHS Florence, Italy: The PeriKit: an innovative portable device with high level of accuracy and reliability in taking circumferential limb measurements J. Harfouche (Belgium)
- European Society of Lymphology, The perikit: reproducibility and accuracy of an innovative portable device to measure the limb perimeter through a blinded study. Joseph N. Harfouche. PT, PhD. Nicolas Daoud. MD, Thierry Velu. MD, PhD. CHIREC Edith Cavell Hospital, and CHIREC Cancer Institute, Brussels, Belgium
- Axxon magazine: Insuffisance Veineuse Chronique, rôle de la rééducation
- Axxon magazine : Le PeriKit : Un brevet belge à la portée de tous pour des prises de mesures circonférentielles précises, fiables et reproductibles
- Veins & Lymphatics: The PeriKit: an innovative portable device with high level of accuracy and reliability in taking circumferential limb measurements J. Harfouche (Belgium)

2015

- Global approach, venous insufficiency treatment, Medisphere December 2015

- Lymphedema : physiotherapy approach, Bruxelles, 16th of December 2015
- Insuffisance veineuse et complications majeures : œdème, thrombose et ulcère – thérapie de compression, Bruxelles, 17th of June 2015
- Cellules souches : régénération du cartilage du genou, Bruxelles, 21th of March 2015

#### 2014

- An innovative portable device to measure the limb perimeter : reproducibility and accuracy through a blinded study, NLN Journal 2014, Harfouche JN, Theys S, Hanson P, Schoevaerds JC, Sturbois X

#### 2013

- Complications et prophylaxie vasculaires en chirurgie orthopédique post-opératoire, Bruxelles, 25th of October 2013
- Principes et traitement de l'insuffisance lymphatique - thérapie de compression : élasticité longue, courte ? Braine L'Alleud, 21st of June 2013

#### < 2011-2002

- Venous tonus enhancement after a short cycle of IPC, Harfouche, Theys et al. 2008) Phlebology, 2008; 23: 58-63
- Variation du calibre des veines du membre inférieur suite à un drainage pneumatique prograde. Annales de réadaptation et médecine physique 2002 ; 45-388-90, Harfouche JN, Theys S, Scavée V, Hanson P, Schoevaerds JC, Sturbois X
- Venous caliber reduction after intermittent pneumatic compression. Phlebology 2001, 20 :38-42, Harfouche JN, Theys S, Scavée V, Hanson P, Schoevaerds JC, Sturbois X
- Le stress, votre allié, Bruxelles, Jump Academy, 10th of February 2011
- Particularités fonctionnelles post-opératoires chez le patient gériatrique, : quelle voie d'abord pour diminuer le risque de complications veino-lymphatiques, Bruxelles, 27th of November
- Prophylaxie post-opératoire PTH et PTG, Bruxelles November 2009
- Insuffisance veino-lymphatique : bas – bandes : rivalité ou complémentarité ? Bruxelles, February 2007
- Bandes de compression : élasticité, comment choisir ? Bruxelles, November 2007
- Le genou du sportif : comment le protéger – attelle, orthèse et/ou rééducation ? Louvain-La-Neuve, March 2004

- Effet sur la mécanique cardiaque de l'application d'une pression périphérique constante sur les membres inférieurs et supérieurs en position couchée et debout, 2003, Université Catholique de Louvain, Faculté de Médecine, département de réadaptation et d'éducation physique
- Prévention du dopage et sport santé – quelles implications pour les fédérations et les athlètes ? Colloque Liège, 25 février 2003
- Variation du calibre des veines du membre inférieur suite à un drainage pneumatique prograde. XVII<sup>e</sup> Congrès National de la SOFMER, 11th of October 2002

## **MEDICAL AWARDS**

---

- Best Oral Presentation, Société Française de Médecine Physique et de Réadaptation, Perpignan, France, 2002
- Best Poster Price, European Society of Lymphology, Mulhouse, FRANCE 2016
- First Price, International Lymphedema Framework, Syracuse, ITALY, 2017
- Best Oral presentation, International Society of Lymphology, Athens, GREECE 2021

## **COOPERATION/MEMBERSHIP**

---

- Health and Sport Ministry : Prévention du dopage et sport santé – quelles implications pour les fédérations, 2003 Goire B, Harfouche J, Lehance C.
- Health and Sport Ministry : Sport de haut niveau : à partir de quel âge pour les enfants? 2002 Goire B, Harfouche J, Lehance C.
- Member of the Executive board of the European Society of Lymphology
- Member of the International Compression Club
- Member of the International Lymphedema Framework
- Member of the working group on Qualification Professionnelle Particulière lymphologie (INAMI / RIZIV)
- Member of the working group on veino-lymphatic diseases (experts), MedTech Belgium
- Member of the Medical Technology, start-up accelerator 2018