

SYNTHETIC FORM FOR A BOARD CERTIFIED TRAINING UNIT

UNIT NAME:

Department of Physical and Rehabilitation Medicine & Sports Traumatology, State University Hospital of Liège

ADDRESS:

Avenue de l'Hôpital, B35, 4000 Liège, Belgium

NAME OF THE UNIT RESPONSIBLE:

Professor Jean-François KAUZ, MD, PhD

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MAIN CLINICAL ACTIVITIES OF THE UNIT:

(state the main areas of care depending on clinical workload and interests)

1. Musculoskeletal rehabilitation
2. Acute and chronic neuro (central and peripheric) rehabilitation
3. Eletroneuromyography
4. Amputees
5. Sport rehabilitation
6. Cancer rehabilitation
7. Exercise medicine
8. Elderly people: osteoporosis / osteoarthritis /sarcopenia

SPECIFIC RESEARCH INTERESTS OF THE UNIT: (GIVE THE KEY WORDS FOR EACH THEME)

1. Musculoskeletal rehabilitation: muscle, tendons, back pain
2. Acute and chronic neuro (central and peripheric) rehabilitation: stroke, MS, PK, tDCS...
3. Eletroneuromyography (EMG – MUNIX)

4. Amputees
5. Sport rehabilitation (ACL, shoulder, muscle, tendons...)
6. Cancer rehabilitation
7. Exercise medicine (chronic inflammatory bowel disease, cardiac, obese, diabetes...)
8. Elderly people: osteoporosis / osteoarthritis /sarcopenia
9. Paraspot

**LIST FIVE PUBLICATIONS FROM THE LAST FIVE YEARS WHICH MOST
REPRESENT THE UNIT'S RESEARCH PROGRAMME:**

1. Delvaux F, Schwartz C, Rodriguez C, Forthomme B, Kaux JF, Croisier JL. Preseason assessment of anaerobic performance in elite soccer players: comparison of isokinetic and functional tests. *Sports Biomech.* 2023 May;22(5):689-703.
<https://hdl.handle.net/2268/247111>
2. Bruyère O, Martens G, Demonceau C, Urhausen A, Seil R, Leclerc S, Le Garrec S, Le Van P, Edouard P, Tscholl PM, Delvaux F, Toussaint JF, Kaux JF; Réseau Francophone Olympique de la Recherche en Médecine du Sport (ReFORM) Research Centre. Impact of COVID-19 Vaccination on Short-Term Perceived Change in Physical Performance among Elite Athletes: An International Survey. *Vaccines (Basel).* 2023 Apr 4;11(4):796. <https://hdl.handle.net/2268/301482>
3. Grosdent S, Grieven L, Martin E, Demoulin C, Kaux JF, Vanderthommen M. Effectiveness of resisted training through translation of the pelvis in chronic low back pain. *J Back Musculoskelet Rehabil.* 2023;36(2):493-502.
<https://hdl.handle.net/2268/301324>
4. Thibaut A, Beaudart C, Martens G, Bornheim S, Kaux JF. Common Bias and Challenges in Physical and Rehabilitation Medicine Research: How to Tackle Them. *Front Rehabil Sci.* 2022 Jun 13;3:873241. <https://hdl.handle.net/2268/293665>
5. Bornheim S, Croisier JL, Maquet P, Kaux JF. Transcranial direct current stimulation associated with physical-therapy in acute stroke patients - A randomized, triple blind, sham-controlled study. *Brain Stimul.* 2020 Mar-Apr;13(2):329-336.
<https://hdl.handle.net/2268/242414>

**PLEASE IDENTIFY IF NECESSARY THE CONDITIONS AND MEANS OF
EXCHANGE FOR TRAINEE SPECIALIST (THE NUMBER PERMISSIBLE, THE**

PERSON TON CONTACT, ETC.):

Number of trainee: one trainee at a time, ideally who understands French.

Authorisation to publish over Internet YES

Signature:

A handwritten signature in black ink, appearing to read "Phoebe". The signature is fluid and cursive, with a large, sweeping loop on the right side.