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PhD in Medical Sciences
2020-2021

INVITATION to the Public defence of

Mimoun KICHOUH

To obtain the academic degree of '**DOCTOR OF MEDICAL SCIENCES**'

Anatomy, imaging correlation, and treatment of the stabilizing structures of the extensor tendons at the dorsum of the hand: dorsal hood, juncturae tendini and fascia.

The defence will take place on Friday, 18 June 2021 at 6 p.m.

and will be organised online

via Zoom meeting, accessible through the following link:

https://gf.vub.ac.be/redirects/PhD_defense_Mimoun_Kichouh.php

and in Auditorium Vanden Driessche

ADMITTANCE to the auditorium will only be granted upon presentation of the personal invitation from the PhD candidate.

Summary of the dissertation

The hand is a complex structure of major importance for human functioning. In this thesis we focused on the dorsal aspect of the hand, in particular how the extensor tendons are stabilized at the level of the midhand, metacarpophalangeal joint, first phalanx level and proximal interphalangeal joint.

We evaluated the anatomy with MR and ultrasound correlation of the retinacular system at the dorsum of the hand stabilizing the extensor apparatus and addressed treatments and follow-up in patients with injuries of these structures.

This work addresses the detailed functional anatomy of components of the dorsal hood and juncturae tendini and their role in the extensor tendon stability .

Curriculum Vitae

Mimoun Kichouh started working as radiologist in the Musculo-Skeletal section of the department radiology (Prof. Johan De Mey) in 2008.

His research focused on the retinacular system stabilizing the extensor mechanism of the hand using cadaveric dissection, MR and ultrasound imaging.