



A non-invasive medical device for assessing Achilles' tendon pathologies

MOTS CLÉS

Clinical diagnosis

Non-invasive device

Tendon

Ultrasound

Capteur de Force Measures strength

Biomechanical Activity

PARTNERSHIP SOUGHT

Looking for licences

MARKET

- In France alone, there are approximately 120,000 patients suffering from Achilles' tendinopathy. 35% of cases are sports-related. As one of the best-known sports pathologies, a tear in the Achilles' tendon can cause immobilisation for several weeks and represents a non-negligible cost to civil society. Furthermore, there currently is no simple method usable in clinical practice to evaluate the **biomechanical properties** of the tendon in normal or pathological condition in order to avoid a tear in the Achilles' tendon.

TECHNOLOGY DESCRIPTION

- The technology is a **medical device**, integrating an ultrasound probe, and quantitatively evaluating the biomechanical properties of the Achilles tendon and its variations in movement thanks to reference. The evaluation will be simple and accessible to clinical practitioners to orient better their therapeutic decisions for better treatment of tendon pathologies.

COMPETITIVE ADVANTAGES

- Non-invasive device
- Device for tendon issues.

INTELLECTUAL PROPERTY

- FR 1362071 request filed

REFERENCE

TENDACH

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