

**PLEASE NOTE:** *This trial has been registered retrospectively.*

## Trial Description

### Title

**Regeneration of thigh muscle strength after hamstring tendon harvest for ACL-autograft - a retrospective analysis**

### Trial Acronym

**VKB-RBK-2017**

### URL of the trial

[---]\*

### Brief Summary in Lay Language

**This study analyzes functional performance testing like strenght testing and hop testing and the influence of perioperative factors on the regeneration of strength after anterior cruciate ligament reconstruction.**

### Brief Summary in Scientific Language

**We are performing a retrospective analysis of biomechanical performance testing following ACL-reconstruction and the evaluation of perioperative factors on the regeneration of thigh muscle strength.**

### Do you plan to share individual participant data with other researchers?

**No**

### Description IPD sharing plan

[---]\*

## Organizational Data

- DRKS-ID: **DRKS00020210**
- Date of Registration in DRKS: **2020/02/12**
- Date of Registration in Partner Registry or other Primary Registry: [---]\*
- Investigator Sponsored/Initiated Trial (IST/IIT): **yes**
- Ethics Approval/Approval of the Ethics Committee: **Approved**
- (leading) Ethics Committee Nr.: **EKNZ-2017-01825 , Ethikkommission**



DRKS-ID: **DRKS00020210**

Date of Registration in DRKS: **2020/02/12**

Date of Registration in Partner Registry or other Primary Registry: [---]\*

Investigator Sponsored/Initiated Trial (IST/IIT): **yes**

Ethics Approval/Approval of the Ethics Committee: **Approved**

**Nordwestschweiz**

## Secondary IDs

## Health condition or Problem studied

- ICD10: **S83.53 - [generalization S83.5: Sprain and strain involving (anterior)(posterior) cruciate ligament of knee]**

## Interventions/Observational Groups

- Arm 1: **Retrospective analysis of patients undergoing acl (anterior cruciate ligament) reconstruction and functional performance testing from 2015-2018.**

## Characteristics

- Study Type: **Non-interventional**
- Study Type Non-Interventional: **Observational study**
- Allocation: **Single arm study**
- Blinding: [---]\*
- Who is blinded: [---]\*
- Control: **Uncontrolled/Single arm**
- Purpose: **Treatment**
- Assignment: **Single (group)**
- Phase: **N/A**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

## Primary Outcome

**Limb symmetry in thigh muscle strength 6 months after ACL (anterior cruciate ligament) reconstruction.**

## **Limb symmetry in thigh muscle strength 6 months after ACL (anterior cruciate ligament) reconstruction.**

### **Secondary Outcome**

**Perioperative factors influencing postoperative performance and thigh muscle strength.**

### **Countries of recruitment**

- CH **Switzerland**

### **Locations of Recruitment**

- Medical Center **Praxisklinik Rennbahn AG, MuttENZ, Schweiz**

### **Recruitment**

- Planned/Actual: **Actual**
- (Anticipated or Actual) Date of First Enrollment: **2018/06/03**
- Target Sample Size: **800**
- Monocenter/Multicenter trial: **Monocenter trial**
- National/International: **National**

### **Inclusion Criteria**

- Gender: **Both, male and female**
- Minimum Age: **18 Years**
- Maximum Age: **65 Years**

### **Additional Inclusion Criteria**

**ACL reconstruction at Rennbahnklinik MuttENZ**

### **Exclusion criteria**

### **Denial of consent**

## Addresses

### ■ Primary Sponsor

**Praxisklinik Rennbahn AG**  
**Mr.**  
**Kriegackerstr. 100**  
**CH-4132 MuttENZ**  
**Switzerland**

Telephone: [---]\*

Fax: [---]\*

E-mail: **research at rennbahnklinik.ch**

URL: **www.rennbahnklinik.ch**

### ■ Contact for Scientific Queries

**Praxisklinik Rennbahn AG**  
**Ms. PD Dr. Ramona Ritzmann**  
**Kriegackerstr. 100**  
**CH-4132 MuttENZ**  
**Switzerland**

Telephone: **+41614656499**

Fax: [---]\*

E-mail: **research at rennbahnklinik.ch**

URL: **www.rennbahnklinik.ch**

### ■ Contact for Public Queries

**Universitätsklinikum Freiburg Klinik für Orthopädie und Unfallchirurgie**  
**Mr. Dr. Markus Wenning**  
**Hugstetter Str. 55**  
**79106 Freiburg**  
**Germany**

Telephone: **+4976127090320**

Fax: [---]\*

E-mail: **markus.wenning at uniklinik-freiburg.de**

URL: [---]\*

## Sources of Monetary or Material Support

### ■ Institutional budget, no external funding (budget of sponsor/PI)

**Praxisklinik Rennbahn AG**  
**Kriegackerstr. 100**  
**CH-4132 MuttENZ**



---

**Institutional budget, no external funding (budget of sponsor/PI)**

**Praxisklinik Rennbahn AG**

**Kriegackerstr. 100**

**CH-4132 Muttenz**

**Switzerland**

Telephone: [---]\*

Fax: [---]\*

E-mail: [---]\*

URL: [---]\*

## Status

- Recruitment Status: **Recruiting complete, follow-up continuing**
- Study Closing (LPLV): [---]\*

## Trial Publications, Results and other documents

\* This entry means the parameter is not applicable or has not been set.

\*\*\* This entry means that data is not displayed due to insufficient data privacy clearing.