# FAST - French Prospective Anterior Cruciate Ligament Reconstruction Cohort Study

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Lefevre Nicolas, Chirurgie orthopédique

**Last update:** 10/17/2016 | **Version:** 1 | **ID:** 73368

## General

<table>
<thead>
<tr>
<th><strong>Identification</strong></th>
<th><strong>Detailed name</strong></th>
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<tbody>
<tr>
<td></td>
<td>French Prospective Anterior Cruciate Ligament Reconstruction Cohort Study</td>
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<table>
<thead>
<tr>
<th><strong>Sign or acronym</strong></th>
<th><strong>FAST</strong></th>
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| **CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation** | **CPP IDFVI - CNIL N°1556375 - NCT02511158** |
|-------------------------------------------------------------------------------------------------------------------|

## General Aspects

| **Medical area** | **Physical medicine and rehabilitation**
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
<td>Radiology and medical imaging</td>
</tr>
<tr>
<td></td>
<td>Traumatology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Pathology (details)</strong></th>
<th><strong>Rupture of Anterior Cruciate Ligament of the Knee</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Keywords</strong></th>
<th><strong>Anterior Cruciate Ligament; ACL Reconstruction; Sport injuries</strong></th>
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</thead>
</table>

## Collaborations

<table>
<thead>
<tr>
<th><strong>Participation in projects, networks and consortia</strong></th>
<th><strong>No</strong></th>
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</table>

## Funding

<table>
<thead>
<tr>
<th><strong>Funding status</strong></th>
<th><strong>Private</strong></th>
</tr>
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</table>

<table>
<thead>
<tr>
<th><strong>Details</strong></th>
<th><strong>Fond de Dotation pour la Recherche Clinique en orthopédie et pathologie du sport</strong></th>
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</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Governance of the database</strong></th>
<th><strong>Fond de Dotation pour la Recherche Clinique en orthopédie et pathologie du sport</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Sponsor(s) or organisation(s) responsible</strong></th>
<th><strong>Fond de Dotation pour la Recherche Clinique en orthopédie et pathologie du sport</strong></th>
</tr>
</thead>
</table>
Organisation status
Private

Presence of scientific or steering committees
No

Scientific investigator(s) (Contact)
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Unit
Chirurgie orthopédique
Organization
Fonds Dotation pour la Recherche Clinique en orthopédie et pathologie du sport

Additional contact
Main features
Type of database
Study databases (details)
Cohort study
Database recruitment is carried out by an intermediary

A selection of health care professionals
<table>
<thead>
<tr>
<th>Database recruitment is made on the basis of:</th>
<th>Another treatment or procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database recruitment is carried out as part of an interventional study</td>
<td>No</td>
</tr>
<tr>
<td>Additional information regarding sample selection.</td>
<td>Participants enrolled in the FAST cohort by one of four surgeons and meeting eligibility criteria</td>
</tr>
</tbody>
</table>

**Database objective**

**Main objective**

In this study we will examine patients who have undergone anterior cruciate and/or posterior cruciate ligament and/or multi ligaments reconstruction to determine the rate of re-injury, contralateral tear and functional outcomes at least two years after surgery.

Participants enrolled in the FAST cohort by one of four surgeons and meeting eligibility criteria:

? One ligament or multi-ligaments tear of the knee
? Surgery reconstruction with any technique

**Inclusion criteria**

Participants enrolled in the FAST cohort by one of four surgeons and meeting eligibility criteria:

? One ligament or multi-ligaments tear of the knee
? Surgery reconstruction with any technique

**Population type**

<table>
<thead>
<tr>
<th>Age</th>
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<tbody>
<tr>
<td>Adolescence (13 to 18 years)</td>
</tr>
<tr>
<td>Adulthood (19 to 24 years)</td>
</tr>
<tr>
<td>Adulthood (25 to 44 years)</td>
</tr>
<tr>
<td>Adulthood (45 to 64 years)</td>
</tr>
<tr>
<td>Elderly (65 to 79 years)</td>
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</tbody>
</table>

**Population covered**

Sick population

**Gender**

<table>
<thead>
<tr>
<th>Gender</th>
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<tbody>
<tr>
<td>Male</td>
</tr>
<tr>
<td>Woman</td>
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</table>

**Geography area**

National

**Detail of the geography area**

France

**Data collection**

<table>
<thead>
<tr>
<th>Dates</th>
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<tbody>
<tr>
<td>Date of first collection (YYYY or MM/YYYY)</td>
</tr>
<tr>
<td>Date of last collection (YYYY or MM/YYYY)</td>
</tr>
</tbody>
</table>
### Size of the database

- **Size of the database (number of individuals):** [10 000-20 000] individuals
- **Details of the number of individuals:** 500 persons per year

### Data

#### Database activity

- **Current data collection**

#### Type of data collected

- **Clinical data**
- **Declarative data**
- **Paraclinical data**
- **Biological data**
- **Administrative data**

#### Clinical data (detail)

- Direct physical measures

#### Details of collected clinical data

- Peroperative data, objective scores of the knee (IKDC, range of motion)

#### Declarative data (detail)

- Internet self-questionnaire

#### Details of collected declarative data

- Level

#### Paraclinical data (detail)

- GNRB, MRI

#### Biological data (detail)

- None

#### Presence of a biobank

- No

### Health parameters studied

- Health event/morbidity
- Quality of life/health perception

#### Quality of life/perceived health (detail)

- Psychological factors involved in the ability to return to sport (ACL-RSI scale)

### Procedures

#### Data collection method

- Internet (e-CRF and self-questionnaires) on websurvey software

#### Quality procedure(s) used

- Automatic and scheduled checking (monthly)

#### Participant monitoring

- Yes

#### Monitoring procedures

- Monitoring by contact with the participant (mail, e-mail, telephone etc.)
- Monitoring by contact with the referring doctor


doi: 10.1016/j.otsr.2014.03.024


doi: 10.1016/j.otsr.2014.07.036


doi: 10.1177/0363546516660075
Return to Sport After Primary and Revision Anterior Cruciate Ligament Reconstruction: A Prospective Comparative Study of 552 Patients From the FAST Cohort. Am J Sports Med. 2016 Aug 16

[Doi: 10.1016/j.otsr.2016.07.011]


Access

Presence of document that lists variables and coding procedures: Yes

Terms of data access (charter for data provision, format of data, availability delay)

Access to aggregated data: No access

Access to individual data: No access