

# FAST - French Prospective Anterior Cruciate Ligament Reconstruction Cohort Study

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## General

### Identification

Detailed name French Prospective Anterior Cruciate Ligament Reconstruction Cohort Study

Sign or acronym FAST

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  
Radiology and medical imaging  
Traumatology

Pathology (details) Rupture of Anterior Cruciate Ligament of the Knee

Keywords Anterior Cruciate Ligament; ACL Reconstruction; Sport injuries

### Scientific investigator(s) (Contact)

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### Collaborations

Participation in projects, networks and consortia No

### Funding

Funding status Private

Details Fond de Dotation pour la Recherche Clinique en orthopédie et pathologie du sport

### Governance of the database

Sponsor(s) or organisation(s) responsible Fond de Dotation pour la Recherche Clinique en orthopédie et pathologie du sport

Organisation status Private

Presence of scientific or steering committees No

### Additional contact

### Main features

### Type of database

Type of database Study databases

Study databases (details) Cohort study

Database recruitment is carried out by an intermediary A selection of health care professionals

Database recruitment is made Another treatment or procedure

on the basis of:

Database recruitment is carried out as part of an interventional study

No

Additional information regarding sample selection.

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

## 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.

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

Age

Adolescence (13 to 18 years)  
Adulthood (19 to 24 years)  
Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)

Population covered

Sick population

Gender

Male  
Woman

Geography area

National

Detail of the geography area

France

## Data collection

Dates

Date of first collection (YYYY or MM/YYYY)

2012

Date of last collection (YYYY or MM/YYYY)

2032

## Size of the database

Size of the database (number of [10 000-20 000] individuals

individuals)

Details of the number of individuals	500 persons per year
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## Data

Database activity	Current data collection
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Type of data collected	Clinical data Declarative data Paraclinical data Biological data Administrative data
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Clinical data (detail)	Direct physical measures
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Details of collected clinical data	Peroperative data , objective scores of the knee (IKDC, range of motion)
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Declarative data (detail)	Internet self-questionnaire
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Details of collected declarative data	Level
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Paraclinical data (detail)	GNRB, MRI
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Biological data (detail)	None
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Presence of a biobank	No
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Health parameters studied	Health event/morbidity Quality of life/health perception
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Quality of life/perceived health (detail)	Psychological factors involved in the ability to return to sport (ACL-RSI scale)
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## Procedures

Data collection method	Internet (e-CRF and self-questionnaires) on websurvey software
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Quality procedure(s) used	Automatic and scheduled checking (monthly)
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Participant monitoring	Yes
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Monitoring procedures	Monitoring by contact with the participant (mail, e-mail, telephone etc.) Monitoring by contact with the referring doctor
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Links to administrative sources	No
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Promotion

Link to the document [doi: 10.1007/s00167-013-2384-4](https://doi.org/10.1007/s00167-013-2384-4)

Description Lefevre N, Bohu Y, Naouri JF, Klouche S, Herman S. Validity of GNRB® arthrometer compared to Telos? in the assessment of partial anterior cruciate ligament tears. *Knee Surg Sports Traumatol Arthrosc.* 2014 Feb;22(2):285-90.

Link to the document [doi: 10.1007/s00167-013-2511-2](https://doi.org/10.1007/s00167-013-2511-2)

Description Lefevre N, Naouri JF, Bohu Y, Klouche S, Herman S. Sensitivity and specificity of bell-hammer tear as an indirect sign of partial anterior cruciate ligament rupture on magnetic resonance imaging. *Knee Surg Sports Traumatol Arthrosc.* 2014 May;22(5):1112-8.

Link to the document [doi: 10.1007/s00167-014-2942-4](https://doi.org/10.1007/s00167-014-2942-4)

Description Bohu Y, Klouche S, Lefevre N, Webster K, Herman S. Translation, cross-cultural adaptation and validation of the French version of the Anterior Cruciate Ligament-Return to Sport after Injury (ACL-RSI) scale. *Knee Surg Sports Traumatol Arthrosc.* 2015 Apr;23(4):1192-6

Link to the document [doi: 10.1016/j.otsr.2014.03.024](https://doi.org/10.1016/j.otsr.2014.03.024)

Description Lefevre N, Bohu Y, de Pamphilis O, Klouche S, Devaux C, Herman S. Outpatient surgery feasibility in anterior cruciate ligament reconstruction: a prospective comparative assessment. *Orthop Traumatol Surg Res.* 2014 Sep;100(5):521-6

Link to the document [doi: 10.1016/j.otsr.2014.07.036](https://doi.org/10.1016/j.otsr.2014.07.036)

Description Lefevre N, Klouche S, de Pamphilis O, Devaux C, Herman S, Bohu Y. Postoperative discomfort after outpatient anterior cruciate ligament reconstruction: a prospective comparative study. *Orthop Traumatol Surg Res.* 2015 Apr;101(2):163-6

Link to the document [doi: 10.1177/0363546516660075](https://doi.org/10.1177/0363546516660075)

Description 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

Link to the document [Doi : 10.1016/j.otsr.2016.07.011](https://doi.org/10.1016/j.otsr.2016.07.011)

## Description

1. Lefevre N, Klouche S, de Pamphilis O, Herman S, Gerometta A, Bohu Y. Peri-articular local infiltration analgesia versus femoral nerve block for postoperative pain control following anterior cruciate ligament reconstruction: Prospective, comparative, non-inferiority study. Orthop Traumatol Surg Res. 2016 Oct 3

## 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 data is restricted to medical director of clinical research program, surgeons and clinical research assistants of the "Fond de Dotation pour la Recherche Clinique en orthopédie et pathologie du sport"

Access to aggregated data Access not yet planned

Access to individual data No access