

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
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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 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
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
Links to administrative sources	No

Promotion and access

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
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Access

Presence of document that lists variables and coding procedures	Yes
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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"
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Access to aggregated data	Access not yet planned
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Access to individual data	No access
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