

# OPTIMATCH LT - OPTIMIZING DONOR-RECIPIENT MATCHING TO IMPROVE SURVIVAL AFTER REGISTRATION ON THE WAITING LIST FOR LIVER TRANSPLANTATION: the OPTIMATCH LT study

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## General

### Identification

Detailed name OPTIMIZING DONOR-RECIPIENT MATCHING TO IMPROVE SURVIVAL AFTER REGISTRATION ON THE WAITING LIST FOR LIVER TRANSPLANTATION: the OPTIMATCH LT study

Sign or acronym OPTIMATCH LT

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CCTIRS 14.810bis, CNIL N°915206

### General Aspects

Medical area Gastroenterology et hepatology

Study in connection with Covid-19 No

Pathology (details) Liver transplantation

Keywords Liver transplantation ; Allocation process ; extended-criteria donors ; Survival

### Scientific investigator(s) (Contact)

Name of the director FERAY

Surname CYRILLE

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Organization Assistance Publique Hopitaux de Paris

### Collaborations

### Funding

Funding status	Public
Details	PHRC National 13-639
Governance of the database	
Sponsor(s) or organisation(s) responsible	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS
Organisation status	Public
Presence of scientific or steering committees	Yes
Additional contact	
Main features	
Type of database	
Type of database	Study databases
Study databases (details)	Cohort study
Additional information regarding sample selection.	population of proposed donors and the population of patients registered on the national waiting list from 2009 to 2014 (Agence de Biomédecine)
Database objective	
Main objective	The main objective of this study is to design, in an intent-to-transplant approach, liver graft allocation models to optimize the ECG-recipient matching and to provide a decision-making algorithm for ECG utilization. Such models aim at improving the efficiency of the French system of allocation and to limit the consequences of organ shortage
Inclusion criteria	<ul style="list-style-type: none"> <li>- Liver transplant candidates : All adult LT candidates listed on the French wait list between 2009 and 2014 and followed prospectively by the mean yearly follow-up under the control of ABM.</li> <li>- Donors : all adults donors registered over the same 2009-2014 period, including donors whose livers were procured and transplanted, whose liver were procured and discarded, and donors in whom liver was not harvested.</li> </ul>
Population type	
Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years)

Adulthood (45 to 64 years)  
Elderly (65 to 79 years)  
Great age (80 years and more)

Population covered                      General population

## Pathology

Gender                                      Male  
    Woman

Geography area                          National

Detail of the geography area              FRANCE

## Data collection

### Dates

Date of first collection (YYYY or  
MM/YYYY)                                  2009

Date of last collection (YYYY or  
MM/YYYY)                                  2014

### Size of the database

Size of the database (number of  
individuals)                                  [1000-10 000[ individuals

Details of the number of  
individuals                                  For the whole period 2009-2014: 9500 candidates  
are expected

## Data

Database activity                          Data collection completed

Type of data collected                      Clinical data  
    Biological data

Clinical data (detail)                      Medical registration

Presence of a biobank                      No

## Procedures

Data collection method                      Agence de Biomedecine (ABM) database

Participant monitoring                      Yes

Monitoring procedures                      Monitoring by crossing with a medical-  
administrative database

Links to administrative sources      No

## Promotion and access

### Promotion

### Access

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

The sponsor, AP-HP, is the owner of the data. The data cannot be used or disclosed to a third party without its prior permission.

Access to aggregated data

Access not yet planned

Access to individual data

No access