- Interventional Longitudinal Study on The Effects of Long-Chain Omega-3 Docosahexaenoic Acid on Platelet Function and Redox Status

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General

Identification

Detailed name	Interventional Longitudinal Study on The Effects of Long-Chain Omega-3 Docosahexaenoic Acid on Platelet Function and Redox Status
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CCPPRB LYON A (03/11/2004).

General Aspects

Medical area	Hematology
Health determinants	Nutrition
Keywords	omega-3 fatty acids, docosahexaenoic acid, platelet function, redox status, healthy males, intake

Scientific investigator(s) (Contact)

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Collaborations

Funding

Funding status	Mixed
Details	INSERM, grant from the Lipids and Nutrition Group (Neuilly-sur-Seine, France), grant from the French Ministry of Research and Education. Funding from the Lipids and Nutrition Group.

Governance of the database

Sponsor(s) or organisation(s) responsible	INSERM - Institut National de la Santé et de la Recherche Médicale
Organisation status	Public

Additional contact

Main features

Type of database

Type of database	Study databases
Study databases (details)	Longitudinal study (except cohorts)
Database recruitment is carried out by an intermediary	A selection of health institutions and services
Database recruitment is carried out as part of an interventional study	No
Additional information regarding	---

sample selection.

Database objective	
Main objective	To determine the effects of increased intake of docosahexaenoic acid on platelet function and oxidative stress in a group of healthy male volunteers.
Inclusion criteria	Healthy male volunteers.
Population type	
Age	Adulthood (45 to 64 years)
Population covered	General population
Gender	Male
Geography area	Local
French regions covered by the database	Auvergne Rhône-Alpes
Detail of the geography area	Lyon.
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2005
Date of last collection (YYYY or MM/YYYY)	2007
Size of the database	
Size of the database (number of individuals)	< 500 individuals
Details of the number of individuals	12 (2014)
Data	
Database activity	Data collection completed
Type of data collected	Clinical data Biological data
Clinical data (detail)	Medical registration

Details of collected clinical data	----
Biological data (detail)	Blood lipid assay, study of platelet function and redox status parameters.
Presence of a biobank	No
Health parameters studied	Others
Other (detail)	---

Procedures

Data collection method	Blood and urine samples collected before and after each supplementation dose and 8 weeks after arrest of supplementation. Supplementation: daily intake of successive doses: increments of 200, 400, 800, and 1600 mg DHA (Decola, Maldegem, Belgium) for 2 weeks for each dose without interruption.
Participant monitoring	Yes
Details on monitoring of participants	8 weeks after treatment.
Links to administrative sources	No

Promotion and access

Promotion

Link to the document	http://tinyurl.com/Hal-Effets-chaine-omega3
Description	List of publications in HAL
Link to the document	http://tinyurl.com/Pubmed-Effets-chaine-omega3
Description	List of publications in Pubmed

Access

Terms of data access (charter for data provision, format of data, availability delay)	Publications.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only