

- 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
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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