

# Blackcurrant seed oil for prevention of atopic allergy

<b>Submission date</b> 23/09/2009	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
<b>Registration date</b> 19/11/2009	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
<b>Last Edited</b> 22/02/2013	<b>Condition category</b> Skin and Connective Tissue Diseases	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
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**Contact details**  
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20100

## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**  
N/A

## Study information

**Scientific Title**

Blackcurrant seed oil for prevention of atopic allergy: a double-blind placebo-controlled clinical trial

**Study objectives**

Dietary supplementation with blackcurrant seed oil increases the intake of n-3 and n-6 essential fatty acids, especially the intake of gamma-linolenic acid and stearidonic acid and reduces the risk of atopic allergy in infants.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Ethical Committee of the Hospital District of South West Finland approved on the 24th August 2003

**Study design**

Double-blind placebo-controlled clinical trial

**Primary study design**

Interventional

**Secondary study design**

Randomised controlled trial

**Study setting(s)**

Other

**Study type(s)**

Treatment

**Participant information sheet**

Not available in web format, please use the contact details below to request a patient information sheet

**Health condition(s) or problem(s) studied**

Atopic dermatitis

**Interventions**

Blackcurrant seed oil was given to pregnant mothers and newborn infants for the first 24 months of life. Control group received olive oil as placebo. The mothers were given capsules, 3 g per day and born children olive oil as liquid 1 ml per day. The dosages were the same as that of the active group.

**Intervention Type**

Drug

**Phase**

Not Applicable

**Drug/device/biological/vaccine name(s)**

Blackcurrant seed oil

**Primary outcome measure**

Prevalence of atopic dermatitis by the age of 12 months

**Secondary outcome measures**

No secondary outcome measures

**Overall study start date**

12/05/2004

**Completion date**

23/01/2008

## **Eligibility**

**Key inclusion criteria**

1. Mothers during 8th to the 16th weeks of pregnancy
2. Aged between 19 - 43 years of age

**Participant type(s)**

Patient

**Age group**

Adult

**Sex**

Female

**Target number of participants**

294

**Key exclusion criteria**

1. Premature delivery
2. Need for neonatal intensive care

**Date of first enrolment**

12/05/2004

**Date of final enrolment**

23/01/2008

## **Locations**

**Countries of recruitment**

Finland

**Study participating centre**

## **Department of Clinical Allergology**

Turku  
Finland  
20100

## **Sponsor information**

### **Organisation**

University of Turku (Finland)

### **Sponsor details**

Department of Food Chemistry  
Turun yliopisto  
Turku  
Finland  
20014

### **Sponsor type**

University/education

### **Website**

<http://www.utu.fi/en/>

### **ROR**

<https://ror.org/05vghhr25>

## **Funder(s)**

### **Funder type**

Government

### **Funder Name**

Ministry of Agriculture and Forestry (Finland)

## **Results and Publications**

### **Publication and dissemination plan**

Not provided at time of registration

### **Intention to publish date**

### **Individual participant data (IPD) sharing plan**

## IPD sharing plan summary

Not provided at time of registration

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/08/2010		Yes	No