

# Onderzoek naar de relatie tussen huidvetten en wrijving tussen huid en textiel

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	-
<b>Study type</b>	Interventional

## Summary

### ID

NL-OMON20545

### Source

NTR

### Health condition

Interpersonal difference

friction behavior

pressure ulcers

doorligwonden

## Sponsors and support

**Primary sponsor:** University of Twente, Enschede

**Source(s) of monetary or material Support:** STW

## Intervention

## Outcome measures

### Primary outcome

## Secondary outcome

N.A.

## Study description

### Background summary

In this work we studied the relationship between in vivo friction behavior and the infrared spectra of in vivo skin. FTIR is a proven method which can be used to identify skin moisture and skin lipid content, both factors often addressed in friction studies. For this reason we combined the two measurements to be able to identify interpersonal differences in friction behavior. 16 healthy subjects are included in this work, which consisted of a friction measurement and an FTIR spectrum measurement. Results show a strong correlation between both skin lipids and friction, and skin moisture and friction. This shows that FTIR is a powerful method for identifying interpersonal differences in friction behavior.

### Study design

FTIR measurements takes approximately 1 minute

Friction measurement takes approximately 2 minutes

### Intervention

Friction measurement and FTIR measurement on the volar forearm

## Contacts

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### Scientific

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## Eligibility criteria

### Inclusion criteria

BMI: between 18 and 30

Considered healthy

### Exclusion criteria

History of skin disease

## Study design

### Design

Study type:	Interventional
Intervention model:	Factorial
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

### Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	23-03-2017

Enrollment: 16  
Type: Actual

## Ethics review

Positive opinion  
Date: 07-09-2017  
Application type: First submission

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

### In other registers

Register	ID
NTR-new	NL6509
NTR-old	NTR6697
Other	STW : 12673

## Study results