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Does local immersion in Thermo-Neutral Bath influence surface ElectroMyoGraphy measurements? Results of an experimental trial

Submission date 09/02/2007	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [_] Results [_] Individual participant data [_] Record updated in last year
Registration date 13/04/2007	**Overall study status** Completed	
Last Edited 08/08/2011	**Condition category** Other	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
20 February 2004

Study information

Scientific Title

Acronym

TNB-sEMG

Study objectives
Does thermo-neutral whole body immersion into water influence the measurement of surface Electromyography (EMG)?

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics approval was not sought for this trial. All subjects were informed about the study and written consent forms were provided from each of them.

Study design
Experimental study on healthy individuals

Primary study design
Interventional

Study type(s)
Diagnostic

Health condition(s) or problem(s) studied
Healthy individuals

Interventions
All participants received the same intervention. Each participant immersed his/her forearm in the thermo-neutral bath for one minute. In order to see the effect of the immersion on the participants, EMG measurements were made before and after the immersion process.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
To measure thermo-neutral whole body immersion effect on measurements of surface electromyography on healthy subjects.

Key secondary outcome(s))
Efficacy of thermo-neutral whole body immersion on measurements of surface electromyography on healthy subjects.

Completion date
25/05/2006

Eligibility

Key inclusion criteria

Healthy subjects over 18 years of age and who have given written informed consents.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
Not Specified

Key exclusion criteria
1. Subjects with any neurosensorial and/or muscular disease
2. Subjects on sedative treatments and/or on any medications for any reasons

Date of first enrolment
14/04/2005

Date of final enrolment
25/05/2006

Locations

Countries of recruitment
Germany

Türkiye

Study participating centre
Haydarpasa Numune Hastanesi Fiziksel Týp ve Rehabilitasyon Klinigi
Istanbul
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Sponsor information

Organisation
Individual sponsor (Germany)

Funder(s)

Funder type
Other

Funder Name
Investigator-funded trial

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration