

PLEASE NOTE: *This trial has been registered retrospectively.*

Trial Description

Title

Analysis of microcirculation measurements by novice users trained by a standardized interactive tutorial - an inter-observer variability study

Trial Acronym

NOVA

URL of the trial

[---]*

Brief Summary in Lay Language

The analysis of videomicroscopic recordings of the microcirculation (e.g., the blood circulation under the tongue = sublingual microcirculation) is time-consuming and requires an experienced observer in order to obtain reproducible results. Aim of the study is to evaluate the success of a standardized, inter-active training of novice users of the method. We will recruit medical students and residents, provide the standardized, inter-active tutorial and ask them to analyze a standard video recording of the sublingual microcirculation. The result of their analysis will be compared with the results of experts. Our hypothesis is that novice observers trained by our standard, inter-active tutorial are able to generate reproducible results.

Brief Summary in Scientific Language

The analysis of videomicroscopic recordings of the sublingual microcirculation is time-consuming and requires an experienced observer in order to obtain reproducible results. Aim of the study is to evaluate the success of a standardized, inter-active training of novice users of the method. We will recruit medical students and residents, provide the standardized, inter-active tutorial and ask them to analyze a standard video recording of the sublingual microcirculation. The result of their analysis will be compared with the results of experts. Our hypothesis is that novice observers trained by our standard, inter-active tutorial are able to generate reproducible results.

Organizational Data

- DRKS-ID: **DRKS00007937**
- Date of Registration in DRKS: **2015/03/27**
- Date of Registration in Partner Registry or other Primary Registry: [---]*
- Investigator Sponsored/Initiated Trial (IST/IIT): **yes**



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Investigator Sponsored/Initiated Trial (IST/IIT): **yes**

- Ethics Approval/Approval of the Ethics Committee: **Approved**
- (leading) Ethics Committee Nr.: **EA1/181/12 , Ethik-Kommission der Charité - Universitätsmedizin Berlin-**

Secondary IDs

Health condition or Problem studied

- Free text: **microcirculation analysis**

Interventions/Observational Groups

- Arm 1: **Novice users (medical personnel) trained by a 45 minutes standardized interactive tutorial**

Characteristics

- Study Type: **Interventional**
- Study Type Non-Interventional: [---]*
- Allocation: **Single arm study**
- Blinding: [---]*
- Who is blinded: [---]*
- Control: **Uncontrolled/Single arm**
- Purpose: **Other**
- Assignment: **Single (group)**
- Phase: **N/A**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

Primary Outcome

Interrater-reliability (novice users vs. experts)

Secondary Outcome

time needed for analysis

Countries of recruitment

- DE **Germany**
- CA **Canada**
- CZ **Czech Republic**
- EE **Estonia**

Locations of Recruitment

- University Medical Center **Charité, Berlin**

Recruitment

- Planned/Actual: **Actual**
- (Anticipated or Actual) Date of First Enrollment: **2012/08/22**
- Target Sample Size: **20**
- Monocenter/Multicenter trial: **Multicenter trial**
- National/International: **International**

Inclusion Criteria

- Gender: **Both, male and female**
- Minimum Age: **18 Years**
- Maximum Age: **no maximum age**

Additional Inclusion Criteria

Medical personnel (nurses, medical students, residents)

Exclusion criteria

microcirculation experts

Addresses



■ **Primary Sponsor**

**Charité Campus Virchow-Klinikum
Augustenburger Platz 1
13353 Berlin
Germany**

Telephone: [---]*

Fax: [---]*

E-mail: [---]*

URL: **www.charite.de**

■ **Contact for Scientific Queries**

**Charité Campus Virchow-Klinikum
Mr. Prof. Dr. Christian Lehmann
Augustenburger Platz 1
13353 Berlin
Germany**

Telephone: **01703013045**

Fax: **01703013045**

E-mail: **chlehmann at mac.com**

URL: **www.charite.de**

■ **Contact for Public Queries**

**Charité Campus Virchow-Klinikum
Mr. Prof. Dr. Christian Lehmann
Augustenburger Platz 1
13353 Berlin
Germany**

Telephone: **01703013045**

Fax: **01703013045**

E-mail: **chlehmann at mac.com**

URL: **www.charite.de**

Sources of Monetary or Material Support

■ **Institutional budget, no external funding (budget of sponsor/PI)**

**Charité Campus Virchow-Klinikum
Augustenburger Platz 1
13353 Berlin
Germany**

Telephone: [---]*

Fax: [---]*



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Status

- Recruitment Status: **Recruiting complete, follow-up complete**
- Study Closing (LPLV): **2012/08/31**

Trial Publications, Results and other documents

- Paper [---]*

* This entry means the parameter is not applicable or has not been set.

*** This entry means that data is not displayed due to insufficient data privacy clearing.