

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

## Trial Description

### Title

**Prevalence of sleep disordered breathing in patients before surgery**

### Trial Acronym

[---]\*

### URL of the trial

[---]\*

### Brief Summary in Lay Language

**Sleep disordered breathing is associated with increased rates of postoperative complications. Due to absence of clinical symptoms the estimated number of unreported cases of sleep disordered breathing is high. Aim of the present study is twofold - first to assess the prevalence of sleep disordered breathing in patients before surgery and second to analyse predictors for sleep disordered breathing.**

### Brief Summary in Scientific Language

**Sleep disordered breathing is associated with increased rates of postoperative complications. Due to absence of clinical symptoms the estimated number of unreported cases of sleep disordered breathing is high. Aim of the present study is twofold - first to assess the prevalence of sleep disordered breathing in patients before surgery and second to analyse predictors for sleep disordered breathing.**

## Organizational Data

- DRKS-ID: **DRKS00005957**
- Date of Registration in DRKS: **2014/03/04**
- Date of Registration in Partner Registry or other Primary Registry: [---]\*
- Investigator Sponsored/Initiated Trial (IST/IIT): **yes**
- Ethics Approval/Approval of the Ethics Committee: **Approved**
- (leading) Ethics Committee Nr.: **136/08** , **Ethik-Kommission des Fachbereichs Medizin der Philipps-Universität Marburg**

## Secondary IDs



## Health condition or Problem studied

- Free text: **sleep disordered breathing**

## Interventions/Observational Groups

- Arm 1: **Patient´s anthropometric data are evaluated preoperatively and nocturnal oxygen saturation is measured via finger clip.**

## Characteristics

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

## Primary Outcome

**To evaluate the prevalence of sleep disordered breathing nocturnal oxygen saturation is measured via finger clip the night before surgery.**

## Secondary Outcome

**To identify prädictors of sleep disordered breathing patient´s anthropometric profile is evaluated the day before surgery. Results are set in relation to results of nocturnal oxygen assesment.**

## Countries of recruitment

- **DE Germany**

## Locations of Recruitment

- University Medical Center **Marburg**

## Recruitment

- Planned/Actual: **Actual**
- (Anticipated or Actual) Date of First Enrollment: **2009/01/02**
- Target Sample Size: **400**
- Monocenter/Multicenter trial: **Monocenter trial**
- National/International: **National**

## Inclusion Criteria

- Gender: **Both, male and female**
- Minimum Age: **18 Years**
- Maximum Age: **75 Years**

## Additional Inclusion Criteria

**elective surgery**

## Exclusion criteria

**neurologic diseases which would affect breathing regulation (e.g. multiple sclerosis); chronic alcohol or drug abuse; infectious diseases (e.g. tuberculosis); severe mental disorders; patients who can not consent due to knowledge of language.**

## Addresses

- **Primary Sponsor**

**Universitätsklinikum Gießen und Marburg, Standort Marburg  
Baldingerstraße  
35033 Marburg  
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- **Contact for Scientific Queries**



### Contact for Scientific Queries

**Universitätsmedizin Mainz; Klinik für Anästhesiologie**

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#### ■ Contact for Public Queries

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## Sources of Monetary or Material Support

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

**Klinikum der Philipps-Universität Marburg; Klinik für Anästhesie und  
Intensivtherapie; Klinik für Innere Medizin - Schlafmedizinisches Zentrum  
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**35043 Marburg**

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Telephone: **06421-5865981**

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E-mail: [---]\*

URL: [---]\*

## Status

■ Recruitment Status: **Recruiting complete, follow-up complete**

■ Study Closing (LPLV): **2010/12/31**

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## **Trial Publications, Results and other documents**

\* *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.*