



## Trial Description

### Title

**Role of transthoracic Echocardiography during simulated resuscitation**

### Trial Acronym

[---]\*

### URL of the trial

[---]\*

### Brief Summary in Lay Language

**Current European Resuscitation Guidelines propose the use of echocardiography during resuscitation e. g. for diagnosis. So far it is unknown whether this causes any delay during resuscitation. Therefore, this study aims to investigate the influence of transthoracic echocardiography on resuscitation processes as well as the diagnostic accuracy and the therapeutic options derived from it.**

### Brief Summary in Scientific Language

**Influence of transthoracic echocardiography on "no flow time" during resuscitation as well as therapeutic options derived from the diagnosis.**

## Organizational Data

- DRKS-ID: **DRKS00013786**
- Date of Registration in DRKS: **2018/01/19**
- 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.: **2017-734-f-S , Ethik-Kommission der Ärztekammer Westfalen-Lippe und der med. Fakultät der Westfälischen Wilhelms-Universität Münster**

## Secondary IDs

## Health condition or Problem studied

- ICD10: **I46 - Cardiac arrest**
- ICD10: **I26 - Pulmonary embolism**
- ICD10: **I31.9 - Disease of pericardium, unspecified**

## Interventions/Observational Groups

- Arm 1: **Resuscitation simulation with optional transthoracic echocardiography**
- Arm 2: **Resuscitation simulation without optional transthoracic echocardiography**

## Characteristics

- Study Type: **Interventional**
- Study Type Non-Interventional: [---]\*
- Allocation: **Randomized controlled trial**
- Blinding: [---]\*
- Who is blinded: [---]\*
- Control: **Control group receives no treatment**
- Purpose: **Diagnostic**
- Assignment: **Parallel**
- Phase: **N/A**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

## Primary Outcome

**No flow time as measured by continuous video analysis**

## Secondary Outcome

**Adherence to actual European resuscitation guidelines measured by the degree of realization, diagnostic and therapeutic accuracy derived from the ultrasound findings**

## Countries of recruitment

- DE **Germany**



## Locations of Recruitment

- other **Einführungskurse Intensivmedizin und Seminarkongress Notfallmedizin , Arnsberg, NRW, Deutschland**

## Recruitment

- Planned/Actual: **Actual**
- (Anticipated or Actual) Date of First Enrollment: **2018/01/28**
- 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: **no maximum age**

## Additional Inclusion Criteria

**Participants "Einführungskurs Intensivmedizin" or "Seminarkongress Notfallmedizin"; physicians**

## Exclusion criteria

**Refusal to participate**

## Addresses

### ■ Primary Sponsor

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### ■ Contact for Scientific Queries



### **Contact for Scientific Queries**

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### ■ **Contact for Public Queries**

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### ■ **Collaborator, Other Address**

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## **Sources of Monetary or Material Support**

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

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URL: **aim-arnsberg.de**

## Status

- Recruitment Status: **Recruiting complete, follow-up complete**
- Study Closing (LPLV): **2018/06/21**

## 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.