



Trial Description

Title

Decision-making under risk in patients with schizophrenia

Trial Acronym

[---]*

URL of the trial

[---]*

Brief Summary in Lay Language

The study examines decision-making under risk in patients with schizophrenia with a short test called Game of Dice Task (GDT) and compares it with the performance of healthy controls. The GDT is a computerised gambling task in which subjects choose numbers or combinations of numbers that are associated with different (virtual) gains and losses. The subjects' task is to maximise their gains. It is called decision-making under risk, because the subject knows the chances of the different (combinations of) numbers as well as the possible gains and losses from the beginning. Adult patients with schizophrenic disorders and adult healthy controls can participate.

Brief Summary in Scientific Language

The study examines decision-making under risk in patients with schizophrenia with the so-called Game of Dice Task (GDT) and compares it with the performance of healthy controls. The GDT is a computerised gambling task in which subjects choose numbers or combinations of numbers that are associated with different (virtual) gains and losses. The subjects' task is to maximise their gains. It is called decision-making under risk, because the subject knows the chances of the different (combinations of) numbers as well as the possible gains and losses from the beginning. Up to now, risk behaviour in schizophrenic patients has mainly been examined with the Iowa Gambling Task (IGT) which however underlies ambiguity conditions. This means that possible positive and negative consequences of a decision are not transparent und have to be derived implicitly from feedback.

Organizational Data

- DRKS-ID: **DRKS00007956**
- Date of Registration in DRKS: **2015/04/01**
- 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.: **D 432/15 , Ethikkommission der Christian-**



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Albrechts-Universität zu Kiel

Secondary IDs

Health condition or Problem studied

- ICD10: **F20 - Schizophrenia**

Interventions/Observational Groups

- Arm 1: **Patients with F20-diagnosis (schizophrenia) perform a computerised version of the Game of Dice Task as well as the Iowa Gambling Task**
- Arm 2: **Healthy controls perform a computerised version of the Game of Dice Task as well as the Iowa Gambling Task**

Characteristics

- Study Type: **Non-interventional**
- Study Type Non-Interventional: **Other**
- Allocation: **Non-randomized controlled trial**
- Blinding: [---]*
- Who is blinded: [---]*
- Control: **Other**
- Purpose: **Basic research/physiological study**
- Assignment: **Other**
- Phase: **N/A**
- Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): **N/A**

Primary Outcome

Primary outcome is decision-making under risk. It will be measured with a computerised version of the Game of Dice Task at one point in time.

Secondary Outcome

Secondary outcome will be decision-making under ambiguity. It will be measured with a computerised version of the Iowa Gambling Task at the the same point in time.

Countries of recruitment

- DE **Germany**

Locations of Recruitment

- Medical Center **Zentrum für Integrative Psychiatrie ZIP , Kiel**

Recruitment

- Planned/Actual: **Planned**
- (Anticipated or Actual) Date of First Enrollment: **2015/04/01**
- Target Sample Size: **46**
- 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

**F20-diagnosis (not in control group),
sufficient knowledge of German language**

Exclusion criteria

missing ability to give written consent, acute psychotic state, neurological diseases/brain damage, drug addiction, bipolar affective disorder, obsessive-compulsive disorder, acute PTSD, acute severe episode of major depression, suicidal tendency



Addresses

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Sources of Monetary or Material Support

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

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Status

■ Recruitment Status: **Recruiting planned**

■ Study Closing (LPLV): [---]*

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.