



Trial Description

Title

processing of language and time in Asperger´s Syndrome

Trial Acronym

[---]*

URL of the trial

[---]*

Brief Summary in Lay Language

This study investigates how patients with Asperger´s Syndrome perceive and process language and time. It investigates particularly how patients with Asperger´s Syndrome process ambiguous information such as ambiguous words or ambiguous sentences compared to control persons. In addition, the study looks at the emotional and cognitive relevance of past and future experiences in that it examines whether these become more significant with temporal proximity (as is the case in normal controls) or whether they remain equally significant regardless. All tests are performed at the computer or as a structured interview.

Brief Summary in Scientific Language

The study looks at 3 areas of information processing: the perception of time, the understanding of metaphors and the processing of ambiguities in sentence structure. The "autobiographical interview" (version of Shacter et al) is used in order to objectify the perception of time. It attempts to comprehend the episodic system as a phenomenological and neuronal unit, in which both recall of the past and imagination of the future occurs (constructive episodic simulation hypothesis). A well-established method for the acquisition of automatic processing of metaphors (Glucksberg et al) is employed. A visual-world-paradigm (Konieczny et al) is used to look at the processing of local coherences (plivalent sentences).

Do you plan to share individual participant data with other researchers?

[---]*

Description IPD sharing plan

[---]*

Organizational Data

- DRKS-ID: **DRKS00000601**



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- Date of Registration in DRKS: **2010/11/16**
- 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.: **240/10 , Ethik-Kommission der Albert-Ludwig-Universität Freiburg**

Secondary IDs

- Universal Trial Number (UTN): **U1111-1117-6506**

Health condition or Problem studied

- ICD10: **F84.5 - Asperger's syndrome**

Interventions/Observational Groups

- Arm 1: **Tests carried out with patients with Asperger's Syndrome: "Autobiographical interview". Aquisition of automatic processing of metaphors: A verification/falsification task. A visual-world-paradigm is used to investigate the processing of local coherences (plurivalent sentences).**
- Arm 2: **Tests carried out with normal control persons: "Autobiographical interview". Aquisition of automatic processing of metaphors: A verification/falsification task. A visual-world-paradigm is used to investigate the processing of local coherences (plurivalent sentences).**

Characteristics

- Study Type: **Non-interventional**
- Study Type Non-Interventional: **Other**
- Allocation: **Non-randomized controlled trial**
- Blinding: **Open (masking not used)**
- Who is blinded: [---]*
- Control: **Other**
- Purpose: **Basic research/physiological study**
- Assignment: **Parallel**
- Phase: [---]*
-



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Off-label use (Zulassungsüberschreitende Anwendung eines Arzneimittels): [---]*

Primary Outcome

Characteristics of the processing of language and time, latencies of verification/falsification, "strength" of emotions related to memory

Secondary Outcome

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Countries of recruitment

- DE **Germany**

Locations of Recruitment

Recruitment

- Planned/Actual: **Planned**
- (Anticipated or Actual) Date of First Enrollment: **2010/11/15**
- Target Sample Size: **60**
- Monocenter/Multicenter trial: **Monocenter trial**
- National/International: **National**

Inclusion Criteria



■ Gender: **Both, male and female**

■ Minimum Age: **18 Years**

■ Maximum Age: **65 Years**

Additional Inclusion Criteria

**Patient-group: Asperger´s Syndrome
healthy test persons**

Control group: Age- and IQ-matched

Exclusion criteria

psychiatric or neurological disease

Addresses

■ Primary Sponsor

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■ Contact for Scientific Queries

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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 ongoing**
- 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.