Recruitment and matching process

Diagnostic procedere

Inpatient and outpatient clinic of child and adolsescent psychiatry, University Hospital Carl Gustav Carus, Dresden:

Diagnostic assessment of ICD-10 diagnosis by specialists in child and adolescent psychiatry, according to national clinical guidelines.

Attention-deficit/hyperactiviy disorder (ICD-10)

- F90.0: predominantly inattentive type with hyperactivity
- F90.1: predominantly hyperactive type with conduct disorder
- F98.8: predominantly inattentive type without hyperactivity

Recruitment of males with ADHD

n = 24 Males
Recruitment from a previous study out of the same project

n = 50 Males
randomly assigned matched selection from the clinical pool

Recruitment of females with ADHD

n =247 Females

IQ: 70-135
Confirmed diagnosis
Age: older than eleven years, in secondary school

Exclusion criteria: psychiatric or neurologic comorbidities

The group represents all inpatient and outpatient females with ADHD without comorbidity of the past ten years.

Drop-out

n = 95 Females excluded
e.g. not available, no interest in this study participation, no information about the child, no timeslot, no male matching partner

n =74 Males

IQ: 70-135
Confirmed diagnosis
Age: older than eleven years, in secondary school

Exclusion criteria: psychiatric or neurologic comorbidities

The group represents a matched selection.

Drop-out

n = 28 Males excluded
e. g. not available, no interest in this study parcitipation, no information about the child, no timeslot

Matching

Matched pairs design

Family and developmental history

Two-way-ANOVA

Gender (46 pairs)				
Intelligence Quotient (IQ)	100	98	102	…
Diagnosis (ICD-10)	F98.8	F90.0	F90.1	…

n = 46 Males + n = 46 Females

Paired sample + Two-way-ANOVA