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The effects of parent training on behaviour problems, attention deficit hyperactivity disorder (ADHD) symptoms and parenting stress in children with ADHD in routine child psychiatric out-patient care

Submission date
20/12/2005

Recruitment status
No longer recruiting

Registration date
20/12/2005

Overall study status
Completed

Last Edited
13/11/2008

Condition category
Mental and Behavioural Disorders

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[ ] Results
[ ] Individual participant data
[ ] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
NTR297

Study information

Scientific Title

Study objectives
1. Parent training will lead to a significant reduction of behaviour problems in comparison with routine medical care
2. Parent training will be as effective as routine medical care with respect to the reduction of ADHD symptoms
3. Parent training will lead to a significant reduction of parenting stress in comparison with routine medical care

Ethics approval required
Old ethics approval format

Ethics approval(s)
Received from the local medical ethics committee

Study design
Randomised, active controlled, parallel group trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Other

Study type(s)
Treatment

Participant information sheet

Health condition(s) or problem(s) studied
Attention deficit hyperactivity disorder (ADHD), psychological problems

Interventions
1. Parent training in group format, 12 sessions in a period of 4 months, delivered by trained and supervised psychologists
2. Routine medical care for 4 months, delivered by 4 experienced child psychiatrists, including

medication treatment and check-ups, crisis-interventions, parent counselling and support, further psycho-education

Intervention Type
Other

Phase
Not Specified

Primary outcome measure
1. Target behaviour problems. Measures: a Dutch adaptation of the PDR and CBCL Externalising.
2. Adhd-symptoms. Measures: all subscales of the CPRS-R:S.
3. Parenting stress. Measures: Parent Domain and Child Domain of the NOSI (Dutch version of the PSI).

Assessments on all measures pre-treatment and post-treatment. A follow-up assessment on all measures after 5 months was done for the parents in the PT group.

Secondary outcome measures
1. Internalising problems. Measure: CBCL Internalising. Assessment pre-treatment and post-treatment. A follow-up assessment after 5 months was done for the parents in the PT group.
2. Medication status. Monitoring during the study by the child psychiatrist.
3. Consumption of routine medical care. Monitoring during the study by the child-psychiatrist.

Overall study start date
01/06/2002

Completion date
01/05/2005

Eligibility

Key inclusion criteria
1. Age between 4 and 12 years
2. Average intelligence quotient (IQ) greater than 80
3. Meeting Diagnostic Interview Schedule for Children (DISC) criteria for ADHD
4. Children under the age of 6 need an additional AVL-score greater than 32
5. Parents can identify at least three target behaviour problems on the PDR
6. Child is living with at least one of his/her biological parents
7. Child medication status is stable
8. Both parents are able to participate in parent training

Participant type(s)
Patient

Age group
Child

Lower age limit
4 Years

Upper age limit
12 Years

Sex
Both

Target number of participants
96

Key exclusion criteria
1. Diagnosis of autism or psychosis
2. Crisis in family
3. Intensive psychosocial treatment in past year, including in-patient treatment, intensive parent training, home-based treatments
4. Child having additional problems requiring other treatment

Date of first enrolment
01/06/2002

Date of final enrolment
01/05/2005

Locations

Countries of recruitment
Netherlands

Study participating centre
University Medical Centre Groningen
Groningen
Netherlands
9713 GZ

Sponsor information

Organisation
National Expertise Centre for Child and Adolescent Psychiatry (Accare) (The Netherlands)

Sponsor details
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Sponsor type
University/education

Website
http://www.accare.nl/

ROR
https://ror.org/02h4pw461

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
University Medical Centre Groningen (UMCG) (The Netherlands) - Stimuleringsgelden

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration