

Validation of the Brief Infant-Toddler Social and Emotional Assessment (BITSEA) and evaluation of the BITSEA as a screening tool in Youth Health Care for preschool children.

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON20943

Source

NTR

Health condition

Screening and treatment outcomes of emotional and behavioral problems

Sponsors and support

Primary sponsor: Erasmus MC, University Rotterdam, Department of Public Health, Rotterdam, The Netherlands

Source(s) of monetary or material Support: ZonMw, The Netherlands Organization for Health Research

Intervention

Outcome measures

Primary outcome

Emotional and behavioral problems.

Secondary outcome

1. Quality of life;
2. Referrals and consumed care;
3. Satisfaction of parents and health care professionals with the questionnaires (both BITSEA and KIPPPI-2).

Study description

Background summary

The prevalence of emotional and behavioural problems among preschool children is high. Early detection and treatment of emotional and behavioural problems have a positive effect on prognosis. However, currently many cases are being missed. In the Netherlands, an advisory commission to the government strongly suggested to implement and to evaluate the test properties and impact of the Brief Infant-Toddler Social and Emotional Assessment (BITSEA) for the purpose of screening of emotional and behavioural problems among very young children (1-3 years old). We propose to validate and to evaluate the impact of the BITSEA as screening tool by youth health care (YHC) at the routine visit of parent/children at age 24 months, compared to the questionnaire currently in use; the KIPPPI-2. The KIPPPI-2 has some disadvantages; it is only used in the Netherlands (it is originally a Dutch questionnaire) and therefore unsuitable for comparison of data from other countries. Moreover, the KIPPPI-2 is a quite lengthy questionnaire and its test properties have not been studied sufficiently.

The present study will be done by approximately 30 YHC-teams in the larger Rotterdam area, including non-Dutch communities as well as areas representative of the Dutch population at large. At random the YHC teams will be assigned to apply the BITSEA as a new screening tool at age 24 months (intervention condition). The other 15 YHC-teams will apply usual care (i.e. KIPPPI-2 – control condition). The Child Behavior Checklist 1,5-5 (CBCL 1,5-5 – blinded for YHC-professionals) will be used to determine concurrent validity. Bilingual versions (Dutch/Turkish, Dutch/Arabic) will be offered. Additionally, a ‘clinical’ sample of (net) 100 circa 2-year olds (18-30 months) referred to Youth Mental Health Services will be selected. Parents of these children will also complete the BITSEA and KIPPPI-2, next to the CBCL 1,5-5. Data from this sample will be used to determine cut-off points for the scores of the screening tools. Moreover, in a separate sample, test-retest reliability and inter-rater reliability will be determined.

Study objective

The use of the BITSEA as screening tool compared to Kort Instrument voor Psychologische en

Pedagogische Probleem Inventarisatie (KIPPPI-2 – a screening instrument for psychological and developmental problems designed for 2 year olds), results in more appropriate and timely care; and it also results in fewer emotional and behavioral problems at 1 year follow-up in the BITSEA group (intervention condition) compared to the KIPPPI-2 group (control condition).

Study design

1. Baseline questionnaire (child age 24 months);
2. Follow-up questionnaire (child age 36 months).

Intervention

Two types of screening instruments/procedures will be compared: the BITSEA administered in one group and the KIPPPI-2 administered in another group. During approximately a one-and-a-half-year period (until we have at least 3000 participants) these two questionnaires will be used in youth health care centers as a basis for potential referral to other health practitioners.

Contacts

Public

Box 2040
I. Kruizinga
Rotterdam 3000 CA
The Netherlands
+31 (0)10 703 84 66

Scientific

Box 2040
I. Kruizinga
Rotterdam 3000 CA
The Netherlands
+31 (0)10 703 84 66

Eligibility criteria

Inclusion criteria

Children in the age of 24 months visiting the Youth Health Care centre for well-child visits with their parents.

Exclusion criteria

Children currently under medical or psychological treatment are excluded.

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-03-2010
Enrollment:	3000
Type:	Anticipated

Ethics review

Positive opinion	
Date:	29-09-2009
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL1918
NTR-old	NTR2035
Other	ZonMw project number : 80-82435-98-8058
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A