

WG3

Testing how well screening instruments work in prospectively identifying cases

Initial Mapping Exercise Summary

Presentation of projects from European countries

Poland

Q-CHAT, M-CHAT, ESAT and STAT will be adapted for use in Poland.

Sample size: 5500 18/48 months old children of population sample. Timeline: 2011-2013.

3 stages: preparation of diagnostic tools, screening and evaluation of psychometric properties.

Iceland

Interest in pattern of diagnosis, prevalence, types of services and awareness.

Starting point: birth rate: 4-5000 per year. 12 routine visits between 6 weeks and 48 months. Diagnosis is performed at the State and Diagnostic Counseling Centre. The diagnosis is based on medical examination, ADI-R 94%, and ADOS 87.6%. Rate per 10.000 all ASD categories 120.1. Services: SDCC, preschool, ABA, Teacch, education, workshops, parent groups. 70% of children with ASD are not diagnosed before 6 years of age.

General aim: promote earlier identification of ASD. Specific aims: identify predictors of neurodevelopmental disorders in ASD, through historical data collection at routine developmental surveillance. Estimate the difference between several treatments.

Finland

Details in the mapping exercise

Portugal

New project: identification of early signs of ASD and research into potential links between genetics, neurobiology and behavior.

M-CHAT.

Norway

ABC study

Spain

Population based autism screening program using the M-CHAT in Spain, 18 and 24 months.

Aim: at what age can the M-CHAT be applied for the best result in a computer version or as a questionnaire on paper.

Czech Republic

ASD research: EEG, Brain imaging, genetics and autism

Current situation: studies in high risk siblings, preterm newborns and the general population are considered.

France

Pediatricians will use the M-CHAT at 24 months old children in a sample of 1000 children at risk. A diagnostic assessment is performed using the ADOS

Belgium

Make data available for the pooling of data.

Discussion

Ideas concerning the use of screening instruments are discussed.

M-CHAT: as questionnaire or as interview

Develop guide or manual covering all the instruments