

Publication

Behavioral phenotypes in four mental retardation syndromes : fetal alcohol syndrome, Prader-Willi syndrome, fragile X syndrome, and tuberous sclerosis

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 79738

Author(s) Steinhausen, Hans-Christoph; Von Gontard, Alexander; Spohr, Hans-Ludwig; Hauffa, Berthold P.; Eiholzer, Urs; Backes, Margitta; Willms, Judith; Malin, Zeno

Author(s) at UniBasel [Steinhausen, Hans-Christoph](#) ;

Year 2002

Title Behavioral phenotypes in four mental retardation syndromes : fetal alcohol syndrome, Prader-Willi syndrome, fragile X syndrome, and tuberous sclerosis

Journal American Journal of Medical Genetics

Volume 111

Number 4

Pages / Article-Number 381-7

Keywords behavioral phenotypes, fetal alcohol syndrome, Prader-Willi syndrome, fragile X syndrome, tuberous sclerosis

Behavioral phenotypes were studied in four mental retardation syndromes using the Developmental Behavior Checklist (DBC). The four samples comprised fetal alcohol syndrome (FAS), Prader-Willi syndrome (PWS), fragile X syndrome (FRAX), and tuberous sclerosis (TSC). Both on the item and the subscale level, there were clear behavioral differentiations across the four syndromes. FAS and FRAX proved to be most clearly differentiated from the other two samples, with PWS and TSC showing lower scores and less abnormal behavior profiles. Neither intelligence nor gender nor age contributed to variations in the number of behavior abnormalities. It was concluded that the DBC as a quantitative approach contributes significantly to the differentiation of behavioral phenotypes in various mental retardation syndromes.

Publisher Wiley

ISSN/ISBN 0148-7299 ; 1096-8628

edoc-URL <http://edoc.unibas.ch/dok/A5838924>

Full Text on edoc No;

Digital Object Identifier DOI 10.1002/ajmg.10627

PubMed ID <http://www.ncbi.nlm.nih.gov/pubmed/12210296>

ISI-Number WOS:000177560700006

Document type (ISI) Journal Article