POSTGRADO
de especialización en TDAH, Trastornos del Aprendizaje y Trastornos de la Conducta

2013-2014

M 4. TRASTORNOS DEL APRENDIZAJE.

UNIDAD 34: Diagnóstico diferencial con fenotipos específicos. X frágil y SAF. Katy Garcia-Nonell i Eugenia Rigau

Artículos de ampliación

ADANA training

Drug and Alcohol Dependence 133 (2013) 502–512

Contents lists available at ScienceDirect

Drug and Alcohol Dependence

journal homepage: www.elsevier.com/locate/drugalcdep

Maternal alcohol consumption producing fetal alcohol spectrum disorders (FASD): Quantity, frequency, and timing of drinking

Philip A. May[a,b,*], Jason Blankenship[b], Anna-Susan Marais[c], J. Phillip Gossage[b], Wendy O. Kalberg[b], Belinda Joubert[c], Marise Cloete[c], Ronel Barnard[c], Marlene De Vries[c], Julie Hasken[a], Luther K. Robinson[d], Colleen M. Adnams[e], David Buckley[b], Melanie Manning[f], Charles D.H. Parry[c,g], H. Eugene Hoyme[h], Barbara Tabachnick[i], Soraya Seedat[c]

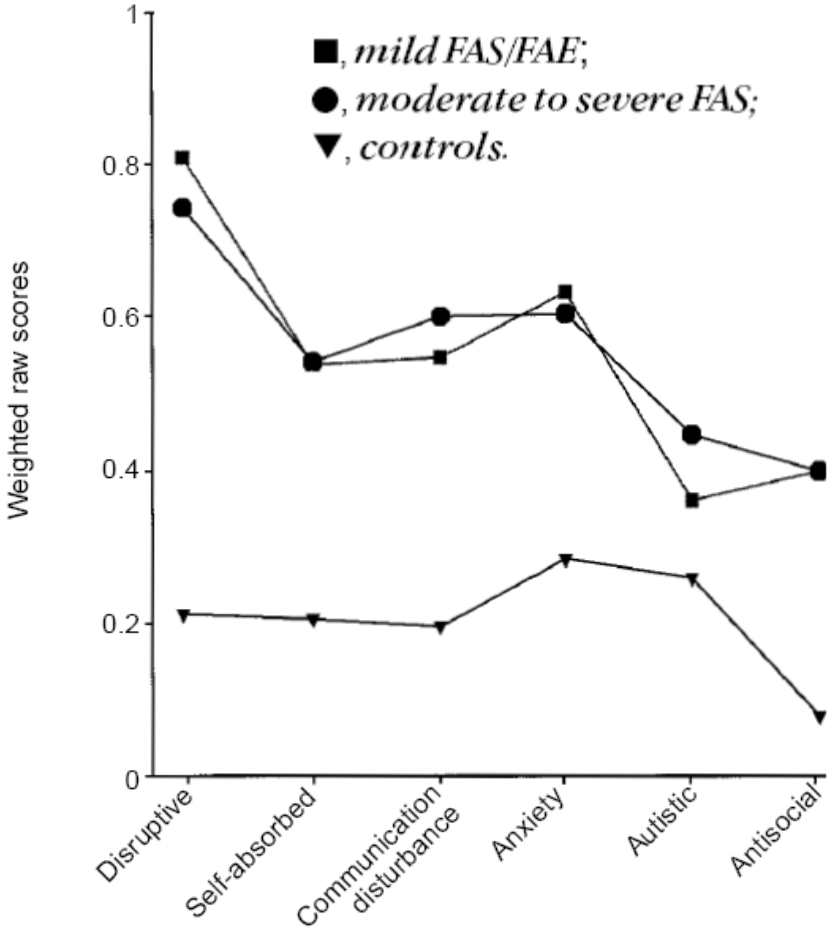
Distinguishing between attention-deficit hyperactivity and fetal alcohol spectrum disorders in children: clinical guidelines

This article was published in the following Dove Press journal:
Neuropsychiatric Disease and Treatment
11 August 2010

Differentiating attention deficits in children with fetal alcohol spectrum disorder or attention-deficit–hyperactivity disorder

LIBBE KOOISTRA PHD[1,2] | SUSAN CRAWFORD MSC[2] | BEN GIBBARD MD MSC[1,3] | BARBARA RAMAGE PHD[1] | BONNIE J KAPLAN PHD[1,2]

Developmental Medicine & Child Neurology 2003, 45: 179–182



Behavioural phenotype in foetal alcohol syndrome and foetal alcohol effects

Hans-Christoph Steinhausen* MD PhD, Department of Child and Adolescent Psychiatry, University of Zurich, Switzerland.
Judith Willms MD, Children's Hospital, German Red Cross, Berlin, Germany.
Christa Winkler Metzke PhD, Department of Child and Adolescent Psychiatry, University of Zurich, Switzerland.
Hans-Ludwig Spohr MD, Children's Hospital, German Red Cross, Berlin, Germany.

- Developmental Behaviour Checklist (DBC)
- Perfil conductual parecido entre FAS/FAE
- Conducta disruptiva y hiperactividad / problemas de ansiedad

Neuropsychol Rev
DOI 10.1007/s11065-011-9167-9

REVIEW

Fetal Alcohol Spectrum Disorders: Neuropsychological and Behavioral Features

Sarah N. Mattson · Nicole Crocker · Tanya T. Nguyen

Received: 20 January 2011 / Accepted: 3 April 2011

TOWARDS IDENTIFYING A CHARACTERISTIC NEUROPSYCHOLOGICAL PROFILE FOR FETAL ALCOHOL SPECTRUM DISORDERS 1. ANALYSIS OF THE MOTHERISK FASD CLINIC

Kelly Nash[1], Sara Stevens[1], Joanne Rovet[1,2], Ellen Fantus[1], Irena Nulman[1], Donna Sorbara[1], Gideon Koren[1]
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J Popul Ther Clin Pharmacol Vol 20(1):e44-e52; March 4, 2013

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Imaging the Impact of Prenatal Alcohol Exposure on the Structure of the Developing Human Brain

Catherine Lebel · Florence Roussotte · Elizabeth R. Sowell

Neuropsychol Rev February 2011

10098 · The Journal of Neuroscience, June 12, 2013 · 33(24):10098 –10109

Behavioral/Cognitive

Longitudinal MRI Reveals Altered Trajectory of Brain Development during Childhood and Adolescence in Fetal Alcohol Spectrum Disorders

Sarah Treit,[1] Catherine Lebel,[2] Lauren Baugh,[2] Carmen Rasmussen,[1,3] Gail Andrew,[3,4] and Christian Beaulieu[1,2]
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10098 • The Journal of Neuroscience, June 12, 2013 • 33(24):10098 –10109

Behavioral/Cognitive

Longitudinal MRI Reveals Altered Trajectory of Brain Development during Childhood and Adolescence in Fetal Alcohol Spectrum Disorders

Sarah Treit,[1] Catherine Lebel,[2] Lauren Baugh,[2] Carmen Rasmussen,[1,3] Gail Andrew,[3,4] and Christian Beaulieu[1,2]

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Syntactic Complexity During Conversation of Boys With Fragile X Syndrome and Down Syndrome

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Frank Porter Graham Child Development Institute and University of North Carolina at Chapel Hill

Elizabeth A. Hennon
University of Evansville

Mary C. Berni
Kathleen L. Anderson
John Sideris
Frank Porter Graham Child Development Institute, University of North Carolina at Chapel Hill

Purpose: This study compared the syntax of boys who have fragile X syndrome (FXS) with and without autism spectrum disorder (ASD) with that of (a) boys who have Down syndrome (DS) and (b) typically developing (TD) boys.
Method: Thirty-five boys with FXS only, 36 boys with FXS with ASD, 31 boys with DS, and 46 TD boys participated. Conversational language samples were evaluated for utterance length and syntactic complexity (i.e., Index of Productive Syntax; H. S. Scarborough, 1990).
Results: After controlling for nonverbal mental age and maternal education levels, the 2 FXS groups did not differ in utterance length or syntactic complexity. The FXS groups and the DS group produced shorter, less complex utterances overall and less complex noun phrases, verb phrases, and sentence structures than did the TD boys. The FXS with ASD group and the DS group, but not the FXS-only group, produced less complex questions/negations than did the TD group. Compared with the DS group, both FXS groups produced longer, more complex utterances overall, but on the specific complexity measures, they scored higher only on questions/negations.
Conclusion: Boys with FXS and DS have distinctive language profiles. Although both groups demonstrated syntactic delays, boys with DS showed greater delays.

KEY WORDS: fragile X syndrome, Down syndrome, syntax, X-linked

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Development of an Expressive Language Sampling Procedure in Fragile X Syndrome: A Pilot Study

Elizabeth Berry-Kravis, MD, PhD,* Emily Doll, BS,† Audra Sterling, PhD,‡§ Sara T. Kover, PhD,§ Susen M. Schroeder, MS,‡ Shaguna Mathur, MD,‖ Leonard Abbeduto, PhD¶

Behavioral Neuroscience
2008, Vol. 122, No. 2, 293–300

0735-7044/08/$12.00 DOI: 10.1037/0735-7044.122.2.293

Evidence for Social Anxiety and Impaired Social Cognition in a Mouse Model of Fragile X Syndrome

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Cornell University

Kenneth N. Maclean and Jeffrey Evans
University of Colorado Health Sciences Center

Barbara J. Strupp
Cornell University

This study assessed social behavior in a mouse model of Fragile X syndrome (FXS), the *Fmr1*^{tm1Cgr} or *Fmr1* "knockout" (KO) mouse. Both the KO and wild-type (WT) mice preferred to be near a novel conspecific than to be alone. However, during the initial interaction with a novel conspecific, (1) a greater proportion of the KO mice exhibited high levels of grooming; and (2) the average duration of nose contact with the stimulus mouse was significantly shorter for the KO mice, both indicative of increased arousal and/or anxiety. Both groups exhibited a robust novelty preference when the novel animal was a "preferred" mouse. However, when the novel mouse was a "nonpreferred" animal, both groups showed a diminished novelty preference but this effect was more pronounced for the WT mice. This blunted negative reaction of the KO mice to a nonpreferred animal may indicate that they were less proficient than controls in distinguishing between positive and negative social interactions. These findings provide support for the use of this animal model to study the autistic features of FXS and autism spectrum disorders.

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Mathematics Learning Disabilities in Girls With Fragile X or Turner Syndrome During Late Elementary School

Melissa M. Murphy
Michèle M. M. Mazzocco

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American Association on Intellectual and Developmental Disabilities

Autism Spectrum Disorder in Children and Adolescents With Fragile X Syndrome: Within-Syndrome Differences and Age-Related Changes

Andrea McDuffie, Leonard Abbeduto, Pamela Lewis, Sara Kover, Jee-Seon Kim, and Ann Weber

Research in Developmental Disabilities 31 (2010) 426–439

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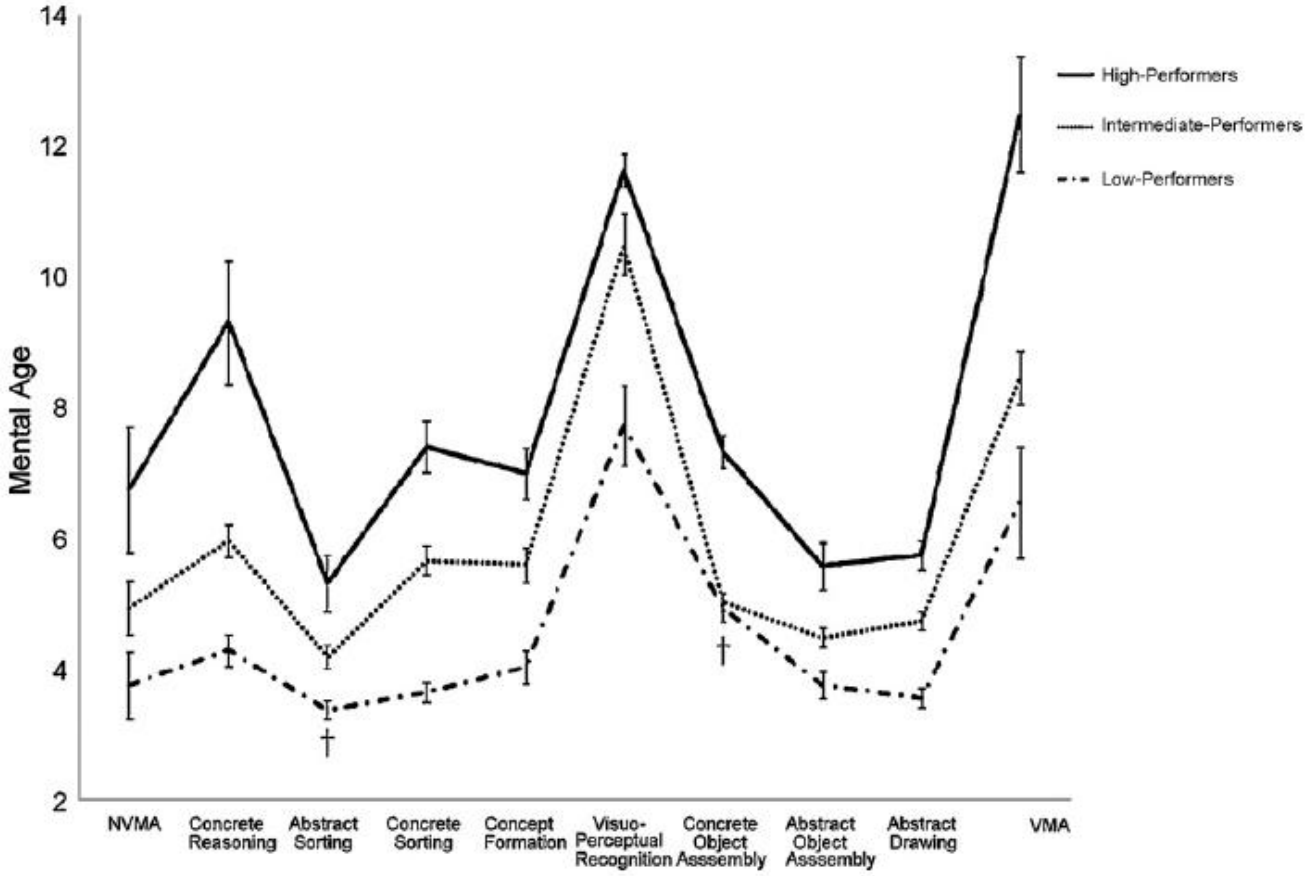
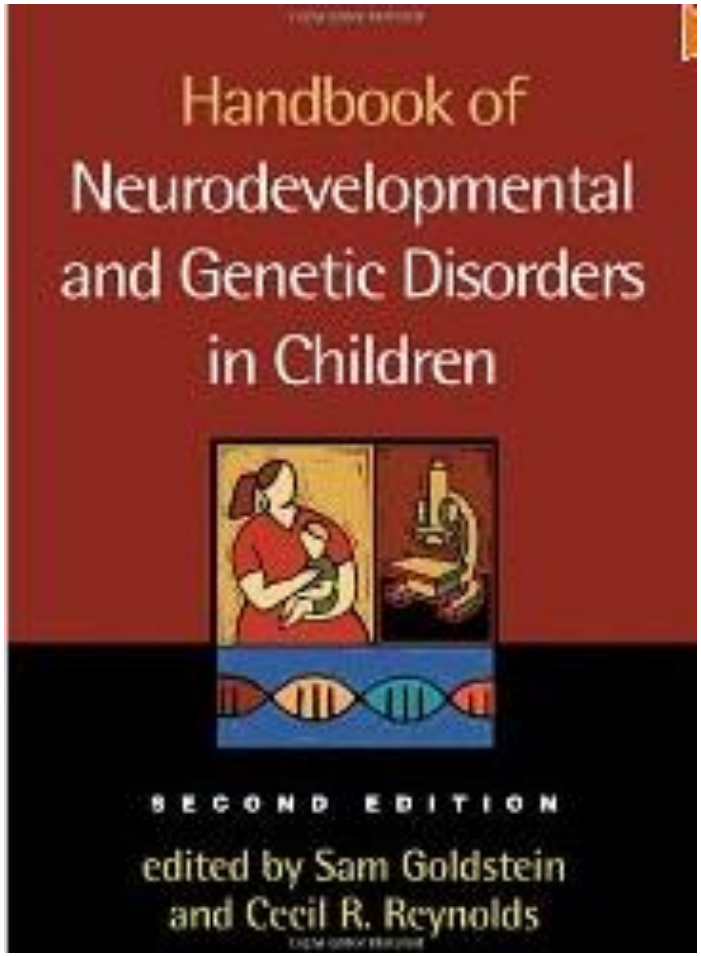
Research in Developmental Disabilities

Profiling Fragile X Syndrome in males: Strengths and weaknesses in cognitive abilities

M.J.W. Van der Molen [a,*], M. Huizinga [a], H.M. Huizenga [a], K.R. Ridderinkhof [a], M.W. Van der Molen [a], B.J.C. Hamel [b], L.M.G. Curfs [c,d], G.J.A. Ramakers [a,e]




Handbook of
Neurodevelopmental
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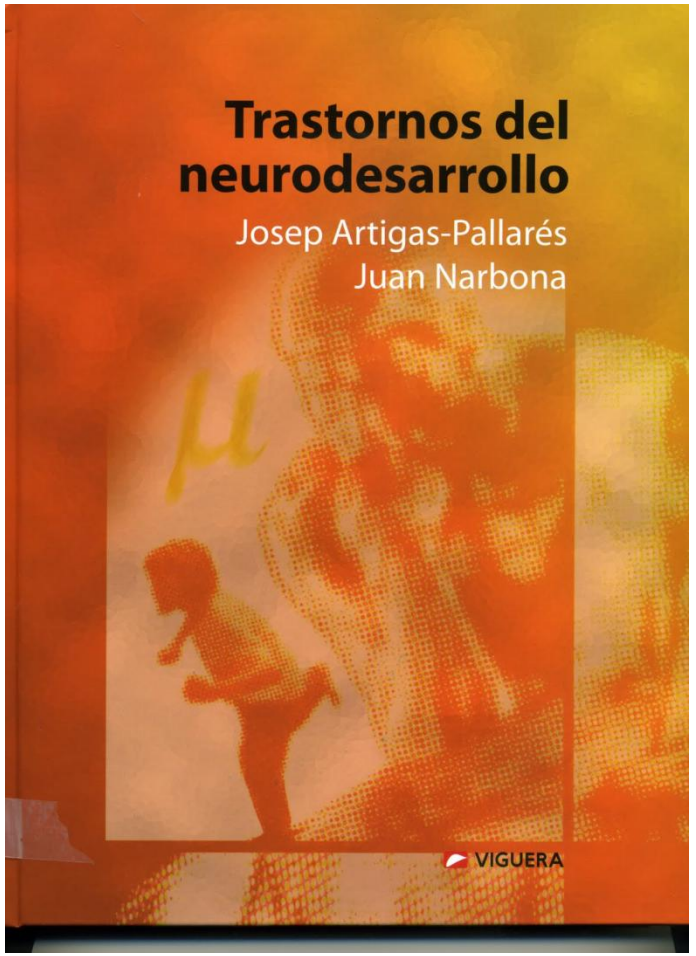
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