Meeting of the IACC

Science Update

Bruce Cuthbert, Ph.D.
Acting Director, National Institute of Mental Health and Chair, IACC

These slides do not reflect decisions of the IACC and are for discussion purposes only.
Q1. When should I be concerned?

Parent-Reported and clinician-observed autism spectrum disorder (ASD) symptoms in children with attention deficit/hyperactivity disorder (ADHD): implications for practice under DSM-5.
Grzadzinski R, Dick C, Lord C, Bishop S.

Predictors of Age of Diagnosis for Children with Autism Spectrum Disorder: The Role of Consistent Source of Medical Care, Race, and Condition Severity.
Emerson ND, Morrell HE, Neece C

Screening for Autism Spectrum Disorder in Young Children: A Systematic Evidence Review for the U.S. Preventive Services Task Force

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Q1. When should I be concerned?

Burke MM, Magaña S, Garcia M, Mello MP

March 2016

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Q2. How can I understand what is happening?

**Evaluation of Intestinal Function in Children with Autism and Gastrointestinal Symptoms**

Kushak RI, Buie TM, Murray KF, Newburg DS, Chen C, Nestoridi E, Winter HS.

February 20, 2016

**Sleep and Behavioral Problems in Children with Autism Spectrum Disorder**

Mazurek MO, Sohl K

January 28 2016

**Medical and Behavioral Correlates of Depression History in Children and Adolescents with Autism Spectrum Disorder**

Greenlee JL, Mosley AS, Shui AM, Veenstra-VanderWeele J, Gotham KO

February 2016

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Q3. What caused this to happen and can it be prevented?

The Association of Maternal Obesity and Diabetes with Autism and Other Developmental Disabilities

Birth Spacing and Risk of Autism and Other Neurodevelopmental Disabilities: A Systematic Review
Conde-Agudelo A, Rosas-Bermudez A, Norton M

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Q4. Which treatments and interventions will help?

March 3, 2016

Preschool Deployment of Evidence-Based Social Communication Intervention: JASPER in the Classroom
Chang YC, Shire SY, Shih W, Gelfand C, Kasari C

May 2016

A Pilot Study Promoting Participation of Families with Limited Resources in Early Autism Intervention
Carr T, Lord C

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Q5. Where can I turn for services?

Differences in Perceived Need for Medical, Therapeutic, and Family Support Services Among Children with ASD
Benevides TW, Carreta HJ, Mandell DS

Thomas KC, Williams CS, deJong N, Morrissey JP

Improving Access to Care at Autism Treatment Centers: A System Analysis Approach

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Q5. Where can I turn for services?

Prevalence and Correlates of Elopement in a Nationally Representative Sample of Children with Developmental Disabilities in the United States
Kiely B, Migdal TR, Vettam S, Adesman A
Q6. What does the future hold, particularly for adults?

Premature mortality in autism spectrum disorder
Hirvikoski T, Mittendorfer-Rutz E, Boman M, Larsson H, Lichtenstein P, Bölte S

Factors Associated with Subjective Quality of Life of Adults with Autism Spectrum Disorder: Self-Report Versus Maternal Reports
Hong J, Bishop-Fitzpatrick L, Smith LE, Greenberg JS, Mailick MR

Association of Psychiatric and Neurologic Comorbidity With Mortality Among Persons With Autism Spectrum Disorder in a Danish Population
Schendel DE, Overgaard M, Christensen J, Hjort L, Jørgensen M, Vestergaard M, Parner ET

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Q6. What does the future hold, particularly for adults?

The mental health of individuals referred for assessment of autism spectrum disorder in adulthood: A clinic report

Longitudinal patterns of employment and postsecondary education for adults with autism and average-range IQ
Taylor JL, Henninger NA, Mailick MR

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Q6. What does the future hold, particularly for adults?

The health status of adults on the autism spectrum
Croen LA, Zerbo O, Qian Y, Massolo ML, Rich S, Sidney S, Kripke C

“Respect the way I need to communicate with you”: Healthcare experiences of adults on the autism spectrum
Nicolaidis C, Raymaker DM, Ashkenazy E, McDonald KE, Dern S, Baggs AE, Kapp SK, Weiner M, Boisclair WC

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Q7. What other infrastructure and surveillance needs must be met?

January 2016

Christensen DL, Bilder DA, Zahorodny W, Pettygrove S, Durkin MS, Fitzgerald RT, Rice C, Kurzius-Spencer M, Baio J, Yeargin-Allsopp M

April 2016


These slides do not reflect decisions of the IACC and are for discussion purposes only.
BSNIP “Biotypes: (1) Cognitive Control, (2) Sensorimotor Reactivity

Clementz, .... & Tamminga, Am J Psychiatry, in press