Meeting of the IACC

Science Update

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Science Update

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Acting Director, National Institute of Mental Health and Chair, IACC
IACC Full Committee Meeting – January 12, 2016

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Q1. When should I be concerned?

Comorbidity of Intellectual Disability Confounds Ascertainment of Autism: Implications for Genetic Diagnosis
Polyak A, Kubina RM, Girirajan S

Early Screening of Autism Spectrum Disorder: Recommendations for Practice and Research

Have Racial and Ethnic Disparities in the Quality of Health Care Relationships Changed for Children With Developmental Disabilities and ASD?
Magaña S, Parish SL, Son E

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Q1. When should I be concerned?

Diagnostic stability in young children at risk for autism spectrum disorder: a baby siblings research consortium study

September 2015

Early Identification of Autism Spectrum Disorder: Recommendations for Practice and Research

October 2015

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Q2. How can I understand what is happening?

Arginine Vasopressin Is a Blood-Based Biomarker of Social Functioning in Children with Autism

Sex differences in structural organization of motor systems and their dissociable links with repetitive/restricted behaviors in children with autism
Supekar K, Menon V

Reduced GABAergic Action in the Autistic Brain
Robertson CE, Ratai EM, Kanwisher N
Q2. How can I understand what is happening?

White Matter Abnormalities in Autism and Unaffected Siblings
Jou RJ, Reed HE, Kaiser MD, Voos AC, Volkmar FR, Pelphrey KA

Behavioral, cognitive, and adaptive development in infants with autism spectrum disorder in the first 2 years of life

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

Preeclampsia, placental insufficiency, and autism spectrum disorder or developmental delay

Interpregnancy Interval and Risk of Autism Spectrum Disorders
Zerbo O, Yoshida C, Gunderson EP, Dorward K, Croen LA

Autism risk associated with parental age and with increasing difference in age between the parents

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Q4. Which treatments and interventions will help?

Early Intervention for Children With Autism Spectrum Disorder Under 3 Years of Age: Recommendations for Practice and Research

The effect of oxytocin nasal spray on social interaction deficits observed in young children with autism: a randomized clinical crossover trial
Yatawara CJ, Einfeld SL, Hickie IB, Davenport TA, Guastella AJ

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Q4. Which treatments and interventions will help?

Multiple Antipsychotic Medication Use in Autism Spectrum Disorder
Wink LK, Pedapati EV, Horn PS, McDougle CJ, Erickson CA

Prevalence and predictors of complementary and alternative medicine use in a large insured sample of children with Autism Spectrum Disorders
Owen-Smith AA, Bent S, Lynch FL, Coleman KJ, Yau VM, Pearson KA, Massolo ML, Quinn V, Croen LA

Randomized, Controlled Trial of a Comprehensive Program for Young Students with Autism Spectrum Disorder
Young HE, Falco RA, Hanita M

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Q5. Where can I turn for services?

Service and Treatment Use Among Children Diagnosed With Autism Spectrum Disorders
Zablotsky B1, Pringle BA, Colpe LJ, Kogan MD, Rice C, Blumberg SJ

Vocational Rehabilitation Service Patterns and Outcomes for Individuals with Autism of Different Ages
Chen JL, Sung C, Pi S

Comparing service use and costs among adolescents with autism spectrum disorders, special needs and typical development

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Q5. Where can I turn for services?

Characteristics of Two-Year College Students on the Autism Spectrum and Their Support Services Experiences
Roux AM, Shattuck PL, Rast JE, Rava JA, Edwards AD, Wei X, McCracken M, Yu JW

A Study of Physician Knowledge and Experience with Autism in Adults in a Large Integrated Healthcare System
Zerbo O, Massolo ML, Qian Y, Croen LA

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Q5. Where can I turn for services?

Obesity and Autism
Hill AP, Zuckerman KE, Fombonne E

"You think it’s hard now … It gets much harder for our children": Youth with autism and their caregiver’s perspectives of health care transition services
Cheak-Zamora NC, Teti M

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

**Health Conditions and Functional Status in Adults with Autism: A Cross-Sectional Evaluation**
Fortuna RJ, Robinson L, Smith TH, Meccarello J, Bullen B, Nobis K, Davidson PW

**The Costs and Benefits of Employing an Adult with Autism Spectrum Disorder: A Systematic Review**
Jacob A, Scott M, Falkmer M, Falkmer T

**Characterizing the daily life, needs, and priorities of adults with autism spectrum disorder from Interactive Autism Network data**

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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?

Estimated Prevalence of Autism and Other Developmental Disabilities Following Questionnaire Changes in the 2014 National Health Interview Survey
Zablotsky B, Black LI, Maenner MJ, Schieve LA, Blumberg SJ

The epidemiology and global burden of autism spectrum disorders
Baxter AJ, Brugha TS, Erskine HE, Scheurer RW, Vos T, Scott JG