

AUTISM SPECTRUM DISORDER

Teresa Cardon, PhD CCC-SLP
Director of the Melisa Nellesen Autism Center
Utah Valley University

Facts & Figures . . .

- More than 3.5 million individuals in the US (Buescher et al., 2014)
- New case is diagnosed every 20 minutes
- Estimated 1 in 68 children currently being diagnosed
 - Possibly as high as 1 in 50 per parent report (2013)
 - 1 in 54 in Utah
 - 1 in 38 in South Korea
 - In all countries and communities
- Boys are 5x more likely than girls
- Autism is the fastest growing developmental disability in the US
- In 2015, cost US \$268 billion, estimated to increase to \$461 billion by 2025 (Leigh & Du, 2015)
 - could be as high as \$1 trillion
- ~ 2.3 million dollars to care for an individual with autism over their life span

What is Autism?

- A developmental disorder characterized by marked difficulty in communication and social relations and by the presence of atypical behaviors such as unusual responses to sensation, repetitive movements, and insistence on routine or sameness.
- The Autism Encyclopedia, 2005

Diagnostic and Statistical Manual of Mental Disorders – DSM5



Core areas that indicate a diagnosis of ASD:

1. Deficits in social communication
2. Repetitive, restricted interests

Definition:



Always
Unique
Totally
Interesting
Sometimes
Mysterious

- DSM5 – Autism Spectrum Disorder
- Marked impairment
 - Social Communication
- Presence of
 - Atypical or Repetitive Behaviors
- Rankings of severity

Gold Standard in Diagnosis

- Autism Diagnostic Observation Schedule – 2 (ADOS-2)
- Autism Diagnostic Interview – Revised (ADIR)



Autism Intervention

- Two Different Systematic Reviews
 - National Professional Development Center (NPDC) on Autism Spectrum Disorders
 - National Standards Project (NSP)
 - reviewed literature to establish evidence-based practices for individuals with ASD between the ages of birth and 22 years.
- FREE pdf's ONLINE!
 - Autism Internet Modules – FREE ONLINE

UTAH VALLEY UNIVERSITY - CREATING A SPECTRUM OF SUPPORTS FOR AUTISM

