Rising Prevalence of ASD in Intellectually Capable Populations

Growing proportion of children with HF-ASD

Diagnosis of Subtypes of ASD

Prevalence in Children 8 Years Old

44%
Autistic Disorder [Narrow Phenotype]

56%
Asperger's Disorder / PDD-NOS [Broader Phenotype]

Higher proportion with Broader Phenotype of ASD

Autism & Developmental Disabilities Monitoring Network Surveillance Year 2010
Age at Diagnosis of ASD

By ASD Diagnosis
(In Children 8 years Old)

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Mean Age at Diagnosis (years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autistic Disorder</td>
<td>4</td>
</tr>
<tr>
<td>PDD-NOS</td>
<td>4.5</td>
</tr>
<tr>
<td>Asperger's Disorder</td>
<td>6.25</td>
</tr>
</tbody>
</table>

By Age at Identification

<table>
<thead>
<tr>
<th>Age at Identification</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;3 years</td>
<td>20%</td>
</tr>
<tr>
<td>3 - 5 years</td>
<td>36%</td>
</tr>
<tr>
<td>6 - 8 years</td>
<td>17%</td>
</tr>
<tr>
<td>≥9 years</td>
<td>27%</td>
</tr>
</tbody>
</table>

✝ 80% more likely to have psychiatric comorbidity compared to cases identified at earlier ages (<9 years)

Two-thirds of Broader Phenotype identified after age 5 years

Half of the psychiatric referrals to Bressler Program are between ages 8 & 17 years
Significant ASD Traits
34% (N = 110)

Total N: 303
Age Range: 4-18 years
IQ: Predominantly Intact

SRS Screen+ for ASD: 34% (N=110) (Raw score: ♂>70; ♀>65)

One-third of youth screened positive for ASD

Clinical and Research Program in Pediatric Psychopharmacology