Prevalence of ASD in Research Population of Youth with Bipolar Disorder

Total N: 155
Age (yrs): 10.5 ±3.2 (6-17)
Male: 79%
IQ: 103 ±14 (73 – 146)

Joshi et al., 2013
ASD Comorbidity in Youth with BPD

Age at Onset of BPD

<table>
<thead>
<tr>
<th>Condition</th>
<th>Mean Age (years)</th>
<th>Statistical Significance</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPD+ASD</td>
<td>4.5 ± 3</td>
<td>**p ≤ 0.01</td>
</tr>
<tr>
<td>BPD</td>
<td>6.5 ± 3.5</td>
<td>*p ≤ 0.05, **p ≤ 0.01, ***p ≤ 0.001</td>
</tr>
</tbody>
</table>

Joshi et al., 2013
Presentation of Mania in Youth with ASD

Statistical Significance: *p≤0.05, **p≤0.01, ***p≤0.001

Joshi et al., 2013
Anti-manic Response to SGN Monotherapy in Youth with ASD

Rate of Anti-manic Response

Take away: Manic symptoms in youth with ASD are effectively treated with medications prescribed for pediatric bipolar disorder

Joshi et al., 2012
Sedation
Cold Symptoms
Increased Appetite
GI Complaints
Headache
Agitation
Aches/Pains
Dry Ears Nose Throat
Urinary
Neurological
Tics
Insomnia
Respiratory
Cardiovascular Symptoms
Slurred Speech
Teary Eyes
Anxiety

SGN Monotherapy Response of ASD Youth with BPD

Adverse Effects

Joshi et al., 2012