What evidence based practice exists in the area of SLP for treatment of ASD?

1. What approach has the highest amount of evidence?

2. Core features of autism and daily living:

3. Recommendations to increase treatment outcomes:

   - Integrate behavioral and developmental interventions (Handbook of Assessment and Diagnosis of Autism Spectrum Disorder (Matson, 2016))
   - Pure Medical Model – Nonexistent
   - Parent Mediated Therapy
**Parent Mediated Therapy**

1. **Practicality of Parent-Mediated Therapy:**

2. **Developmental and Behavioral Models:**

3. **Why combine these models?**

Improve outcomes by focusing on parent/caretaker administration of individualized, evidence-based strategies within daily routines in the natural environment.
Treatment will focus on training the parents/caretaker to identify core features of autism and ways to target them within their daily lives. Focus is given to how the core features of autism relate to language, joint attention, engagement, and play.

1. Following directions:

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<table>
<thead>
<tr>
<th>Age in Months</th>
<th>Typical skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>From birth</td>
<td>Attend to faces</td>
</tr>
<tr>
<td>Early weeks &amp; months</td>
<td>Eye contact, social smile, positive affect, turn taking</td>
</tr>
<tr>
<td>6</td>
<td>Coordinated looks (3 point gaze shift)</td>
</tr>
<tr>
<td>10</td>
<td>Showing to share</td>
</tr>
<tr>
<td>11</td>
<td>Giving to share</td>
</tr>
<tr>
<td>12</td>
<td>Follows gaze</td>
</tr>
<tr>
<td>13</td>
<td>Reach and give to request</td>
</tr>
<tr>
<td>14</td>
<td>Follows point reliably</td>
</tr>
<tr>
<td>16</td>
<td>Points with obvious communicative intent</td>
</tr>
<tr>
<td>20</td>
<td>Multiple gestures for requesting and joint attention (both responding and initiating)</td>
</tr>
</tbody>
</table>

JOINT ATTENTION & NONVERBAL REQUESTING (Paparella, Goods, Freeman, Kasari, 2011)
2. Joint Attention:

Focus/Attention

Pointing within focus

Drawing Attention

Point across body
Proximal point

Directing Attention

Complexity

Proximal

Head turn

Coordinated speech
3. Engagement:

<table>
<thead>
<tr>
<th>Level</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported</td>
<td></td>
</tr>
<tr>
<td>Object Centered</td>
<td></td>
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<tr>
<td>Onlooking</td>
<td></td>
</tr>
<tr>
<td>Unengaged</td>
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</tr>
</tbody>
</table>
4. Play:

- Exploring & Failing
- Develop play
- Language!
- Sensory perspectives
- Play Levels


