

### Literature Review Table for Schaaf et al 2014

Author & Date	Purpose of study	Type of study	Main findings/ conclusions	Strengths	Limitations
Schaaf et al. (2014)	<p>To evaluate the efficacy of OT/SI following a manualised protocol in comparison to usual care on:</p> <p>a) Individual goal attainment (primary outcome)</p> <p>b) Sensory behaviours, adaptive behaviours, and functional skills (secondary outcome)</p>	Randomised control trial	<p>Participants that received the manualised OT/SI treatment scored significantly higher on Goal Attainment scores than those that received usual care.</p> <p>Participants in the treatment group scored as needing significantly less assistance from caregivers during self-care and social activities</p> <p>Sensory behaviours in the treatment group decreased more than in the usual care group – this difference approached significance</p> <p>Results indicate preliminary support for the efficacy of a manualised OT/SI intervention for children with ASD</p> <p>Findings should be interpreted cautiously until they are replicated in a larger sample size</p>	<p>Used a validated measure of treatment fidelity</p> <p>Used an outcome measure that is shown to be a valid and reliable method for measurement of progress on individualised goals for children with ASD (Goal Attainment Scaling – GAS)</p> <p>GAS goals received a technical check to ensure they met recommended quality markers for use in RCTs</p> <p>Outcomes used were parent-chosen &amp; therefore relevant to the child/family</p> <p>Robust inclusion/exclusion criteria</p> <p>Pre and post intervention testing was carried out by blinded evaluators who were highly experienced and suitably qualified</p> <p>Blinded evaluators developed goals with parents</p> <p>Parents did not view Goal Attainment Scales when completed or during study period</p>	<p>Small sample size (32 participants)</p> <p>Use of convenience sample meant little ethnic diversity amongst participants</p> <p>Changes in sensory behaviours did not reach significance. This may be due to small sample size – further research needed</p> <p>Parents not blind to intervention</p>