

## SINGAPORE MINISTRY OF HEALTH: RATINGS ON INTERVENTION METHODS

- The following is based on **Autism Spectrum Disorders in Pre-School Children AMS-MOH Clinical Practice Guidelines 1/2010** (Copyright 2010, by Ministry of Health, Singapore)
- This shows Early Intensive Behavior Intervention (EIBI) as having the highest grade of recommendation (Grade A) and Level of Evidence (Level 1++) compared to other methods:

<b>Early Intensive Behavior Intervention (EIBI)</b>	<b>Grade A, Level 1++</b>
Structured Teaching	Grade C, Level 2+
Hanen “More Than Words” programme	Grade D, Level 3
Developmental models such as Developmental, Individual-difference, Relationship-based (DIR)/ Floortime and Relationship Development Intervention (RDI) models	Grade D, Level 3

Summarized from Page 8 of above book

- The basis for Levels of Evidence and Grades of Recommendation are below (image from inner cover of above book from Ministry of Health, Singapore)

<b>Levels of evidence and grades of recommendation</b>	
<b>Levels of evidence</b>	
<b>Level</b>	<b>Type of Evidence</b>
1 <sup>++</sup>	High quality meta-analyses, systematic reviews of randomised controlled trials (RCTs), or RCTs with a very low risk of bias.
1 <sup>+</sup>	Well conducted meta-analyses, systematic reviews of RCTs, or RCTs with a low risk of bias.
1 <sup>-</sup>	Meta-analyses, systematic reviews of RCTs, or RCTs with a high risk of bias
2 <sup>++</sup>	High quality systematic reviews of case control or cohort studies. High quality case control or cohort studies with a very low risk of confounding or bias and a high probability that the relationship is causal
2 <sup>+</sup>	Well conducted case control or cohort studies with a low risk of confounding or bias and a moderate probability that the relationship is causal
2 <sup>-</sup>	Case control or cohort studies with a high risk of confounding or bias and a significant risk that the relationship is not causal
3	Non-analytic studies, e.g. case reports, case series
4	Expert opinion
<b>Grades of recommendation</b>	
<b>Grade</b>	<b>Recommendation</b>
<b>A</b>	At least one meta-analysis, systematic review of RCTs, or RCT rated as 1 <sup>++</sup> and directly applicable to the target population; or A body of evidence consisting principally of studies rated as 1 <sup>+</sup> , directly applicable to the target population, and demonstrating overall consistency of results
<b>B</b>	A body of evidence including studies rated as 2 <sup>++</sup> , directly applicable to the target population, and demonstrating overall consistency of results; or Extrapolated evidence from studies rated as 1 <sup>++</sup> or 1 <sup>+</sup>
<b>C</b>	A body of evidence including studies rated as 2 <sup>+</sup> , directly applicable to the target population and demonstrating overall consistency of results; or Extrapolated evidence from studies rated as 2 <sup>++</sup>
<b>D</b>	Evidence level 3 or 4; or Extrapolated evidence from studies rated as 2 <sup>+</sup>
<b>GPP</b> (good practice points)	Recommended best practice based on the clinical experience of the guideline development group.

**CLINICAL PRACTICE GUIDELINES**