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| <p>Wade et al. (2017). Randomised clinical trial of online parent training for behaviour problems after early brain injury. <i>J Am Acad Child Adolesc Psychiatry</i>, 56(11): 930-939</p> | <p>PEDro score - 7 /10</p> |
| <p>Method / Results</p> | <p>Rehabilitation Program</p> |
| <p>Design</p> <ul style="list-style-type: none"> • Study Type: RCT. • Population: 113 participants with moderate to severe TBI (mean age=5.4 years, 61% male). No significant group differences between parent characteristics such as marriage, income, level of education. 71% completed 2 follow-up assessments. • Groups: <ol style="list-style-type: none"> 1. Internet-based Interacting Together Everyday: Recovery After Childhood TBI (I-InTERACT) group, n=39 2. Abbreviated parent training (I-InTERACT Express) group, n=36 3. Internet Resources Comparison (IRC), n=38 • Setting: Home. <p>Primary outcome measure/s:</p> <ul style="list-style-type: none"> • Dyadic Parent-Child Interaction Coding System (DPICS). • Eyberg Child Behaviour Inventory (ECBI). <p>Secondary outcome measure/s:</p> <ul style="list-style-type: none"> • No other standardised measure. <p>Results: Improvements were found in positive parenting skills in 2 treatment groups and sustained at 3 months and 6 months follow up. Decreases in undesirable parenting behaviours were found to be less robust although 2 treatment groups differed significantly from control group at 3 months, I-InTERACT program which is of longer duration only showed changes at 6 months follow up. Analysis of baseline moderators also showed 2 treatment groups were effective for children with higher level of initial behaviour problems.</p> | <p>Aim: Effectiveness of I-InTERACT versus I-InTERACT Express or IRC in improving parenting skills and decreasing behaviour problems after early TBI.</p> <p>Materials: Computer, web camera, and high-speed Internet access were provided to all families.</p> <p>Treatment Plan:</p> <ul style="list-style-type: none"> • Duration: Approximately 16-24 weeks. • Procedure: I-InTERACT consisted of up to 14 sessions. Sessions were weekly during the initial 3-4 weeks and biweekly thereafter. Length of sessions not specified. I-InTERACT Express consisted of 7 sessions; frequency and length not specified. • Content: • I-InTERACT Program: Includes 10 core sessions and 4 supplemental sessions, involving: <ul style="list-style-type: none"> • Consequence-focused and antecedent behaviour management. • Psychoeducation on TBI's effects. • Anger management and communication. • Videoconferencing and live coaching. • I-InTERACT Express: 7 sessions focusing on developing warm, responsive parent-child relationship and consistent discipline. <ul style="list-style-type: none"> • First session includes appropriate reinforcement. • Session 2 on warm parenting. • Sessions 3-6 on commands and consistency. • Final session on reviewing key concepts. Videoconferences included skill review and skill coaching. • IRC: Access to study website with links to TBI and parenting resources. Instructed to spend at least 1 hour per week and record activity in a log. |