



<p>Wade et al. (2011). Effect on behaviour problems of teen online problem-solving for adolescent traumatic brain injury. <i>Pediatrics</i> 128(4): e1-e7</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: 41 children (aged 11-18 years, 48% male) with moderate-to-severe TBI. • Groups: <ol style="list-style-type: none"> 1. Teen online problem-solving (TOPS) group. Treatment, n=16. 2. Internet resource comparison (IRC) group. Control, n=19. • Setting: In home – website and videoconferencing/telephone. <p>Primary outcome measure/s:</p> <ul style="list-style-type: none"> • Child Behaviour Checklist (CBCL). • Youth Self-report (YSR). <p>Secondary outcome measure/s:</p> <ul style="list-style-type: none"> • No other standardised measure. <p>Results: The TOPS group reported significantly less parent-teen conflict at follow-up than did the IRC group. The efficacy of TOPS was moderated by injury severity and family socioeconomic status.</p>	<p>Aim: To improve behavioural outcomes of adolescents with TBI.</p> <p>Materials: Computer with high-speed Internet access in each family’s home, the TOPS website and the videoconferencing software.</p> <p>Treatment Plan:</p> <ul style="list-style-type: none"> • Duration: 6 months. • Procedure: Families encouraged to spend at least 1 hour per week accessing the resources. Actual frequency and length of sessions not reported. • Content: 10 core sessions and 4 supplemental sessions, videoconference with the therapist after completion of each web module. • <u>Core website modules</u> provide training in problem-solving, planning/organization, self-regulation, anger management, verbal/nonverbal communication and social problem solving. • <u>Supplemental sessions</u> provide information and skills training pertaining to pain management, sleep and memory issues, sibling concerns, transitioning after high school, parental guilt and grief, marital strains, and parent-teen communication.

Note that these rehabilitation summaries reflect the current literature and the treatments are not necessarily endorsed by members of the NRED Team.