



<p>Davis et al. (1994). Natural and structured baselines in the treatment of aggression following brain injury. <i>Brain Inj</i>, 8(7): 589-597.</p>	<p>RoBiNT score - 10/30</p>
<p>Method / Results</p>	<p>Rehabilitation Program</p>
<p>Design</p> <ul style="list-style-type: none"> • Study Type: SCD. AB+follow-up design (A – natural/structured baseline, B – intervention). • Population: n=1, male, age 23, severe closed-head injury (motor vehicle accident 1 year prior treatment). • Setting: Inpatient post-acute brain injury rehabilitation unit for adults. <p>Target behaviour measure/s:</p> <ul style="list-style-type: none"> • Frequency of aggressive behaviours during morning self-care routine. These were operationally defined as angry arguments, verbal threats, and physically threatening gestures. <p>Primary outcome measure/s:</p> <ul style="list-style-type: none"> • No other standardised measure. <p>Results: At follow-up six months after the treatment, no aggressive behaviour was observed during either baseline condition.</p>	<p>Aim: To reduce aggression in a severely brain injured man.</p> <p>Materials: None specified in report.</p> <p>Treatment Plan:</p> <ul style="list-style-type: none"> • Duration: 53 days. • Procedure: Intervention occurred during the morning routine each day, starting at 7.30am. Duration of intervention sessions not specified, however it was noted the routine was encouraged to be completed “in a reasonable amount of time”. • Content: <ul style="list-style-type: none"> • <u>Natural Baseline</u> – unstructured, occupational therapy (OT) assistant required participant to shower, dress, clean his teeth, comb his hair; frequency of staff and client behaviours, and their relationship videotaped; defining staff antecedent trigger behaviours and aggressive behaviours. • <u>Structured Baseline</u> – the participant continued to work with the OT assistant, who was instructed to increase the rate at which she presented instructions and corrective feedback and ensure that the client completed the routine in a reasonable amount of time, would not miss steps and would follow through on each step completely. • <u>Intervention</u> – based on the data from the structured baseline; included providing clear expectations, social reinforcement, and declarative procedures. The client worked on a randomized basis with the OT assistant, and two other trained therapists.

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