



<p>Hegel (1988). Application of a token economy with a non-compliant closed head-injured male. <i>Brain Inj</i>, 2(4): 333-338.</p>	<p>RoBiNT score - 11/30</p>
<p>Method / Results</p>	<p>Rehabilitation Program</p>
<p>Design</p> <ul style="list-style-type: none"> • Study Type: SCD. Multiple baseline across two settings and a withdrawal design. • Population: n=1. James, male, age 18, spastic left hemiplegia resulting from a head injury in a motor vehicle accident 2 months prior to admission. Damage to the right frontal lobe. • Setting: Inpatient acute rehabilitation facility. <p>Target behaviour measure/s:</p> <ul style="list-style-type: none"> • Number of disruptive vocalizations per session (moaning, whining, continually repeating 'I wanna go!' and 'I'm tired', whenever at physical therapy (PT), occupational therapy (OT) or speech therapy (ST)). • Percentage of therapeutic goals met. <p>Primary outcome measure/s:</p> <ul style="list-style-type: none"> • No other standardised measure. <p>Results: Visual analysis of graphed data showed contingent reinforcement, when combined with goal-setting and an extinction procedure, was effective in improving compliance to rehabilitative therapies and decreasing disruptive vocalizations. Evaluation of the intervention was conducted using the combination of a multiple baseline across settings and a withdrawal design.</p>	<p>Aim: To reduce disruptive vocalizations and improve compliance to rehabilitative therapies.</p> <p>Materials: Hand-held counter, tokens (small paper clips attached to a metal ring of patient's wheelchair), standard protocol.</p> <p>Treatment Plan:</p> <ul style="list-style-type: none"> • Duration: 30 observation days. • Procedure: Frequency and length of sessions not specified. 21 intervention sessions for OT and PT, 7 for ST. • Content: Initially, each therapist (PT, OT, and ST) formulated a number of easily attained therapeutic goals in order to provide a source of feedback regarding patient's progress in therapy. Disruptive vocalizations were ignored. <ul style="list-style-type: none"> • <u>Token exchange system:</u> When the patient met the goal he received one token. • When he failed to meet the goal a large paper clip was attached to the ring. • At the end of the day the last therapist removed the paper clips and determined the percentage of potentially earned tokens for that day, which were exchanged for the assigned reward (i.e. ice cream after dinner for 50%, additional phone call from parents that evening for 75%). • The requirements for goal attainment were raised in manageable increments after two consecutive days of meeting the current goal.

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