

Target Area: Behaviour Problems / Executive Functioning Deficits / Cognitive Deficits / Delusions, Delirium, Psychotic Disorders

<p>Dayus & van den Broek (2000) <i>Neuropsychological Rehabilitation</i> 10(4) 415–427</p>	<p>SCED score - <i>to be confirmed</i></p>
<p>Method/Results</p> <p>Design:</p> <ul style="list-style-type: none"> ➤ Study type: SSD. ABA (A=baseline swearing before treatment, B=self-monitoring training (in two stages), A=swearing 12 weeks post treatment). ➤ Participant: male, age 51 years, 9 years following two brain haemorrhages. Imaging revealed changes in the frontal lobes, left basal ganglia, and infarction in the head of the caudate nucleus on the right. Neuropsychological assessment suggested executive difficulties and marked memory impairments. He suffered from 3 delusion confabulations which resulted in rapid escalations of rage, during which time he would swear profusely, followed by rapid settling of mood. ➤ Setting: Inpatient setting to initiate treatment (first 18 sessions), followed by outpatient sessions. <p>Target behaviour measure/s</p> <ul style="list-style-type: none"> ➤ Total number of swear words per session, recorded by the therapist. ➤ Difference score between the therapist's and the patient's tally of swear words per session. ➤ Total number of outbursts relating to each of his 3 delusions per session. <p>Primary outcome measure/s:</p> <ul style="list-style-type: none"> ➤ No additional measures. <p>Result: Treatment appeared effective compared to baseline. Swearing declined substantially following implementation of SMT. In addition, the patient's accuracy in monitoring his swearing improved during treatment and was maintained at follow up. References to his delusions declined during SMT, with some increase again during follow-up (although not to previous baseline levels, and now with diminished affect). No statistical analysis however was conducted.</p>	<p>Rehabilitation Program</p> <p>Aim: To reduce delusional confabulations and associated swearing using self-monitoring training.</p> <p>Materials: Two hand-held clickers, timer.</p> <p>Treatment plan:</p> <ul style="list-style-type: none"> ➤ Duration: 51 sessions in total (approx 27.3 hrs intervention; 6.6 hrs baseline/withdrawal). ➤ Procedure: A1: 1x 40 min session per day for 5 days; B: daily sessions for 41 sessions; A2: 1x 40 min session per day for 5 days. ➤ Content: <ul style="list-style-type: none"> - <i>A:</i> structured interview with the same therapist, covering 8 neutral topics (e.g. hobbies, current affairs). Both patient and therapist record the number of swear words emitted during the interview on hand-held clickers. - <i>B:</i> structured interviews continue, but every 5-minutes scoring on the clickers is compared. If the patient's score is within $\pm 25\%$ of the therapist's, praise and encouragement is given, and if this is achieved on 7/8 intervals, a cigarette is awarded. Once this level of accuracy is consistently achieved, the discrepancy level in scoring is reduced to $\pm 10\%$, with the same rewards delivered.