**Title:** **TREATMENT OF CHALLENGING BEHAVIOUR IN A RESIDENTAL SETTINGUSING A MULTI-COMPONENT INTERVENTION Author:** Ben Clarke

**Abstract**

**Objectives:** This poster reports the effects of a multi-component intervention to treat challenging behaviour (i.e., aggression). These supports were implemented over four years in a residential treatment setting.

**Method:** The participant is a 25 year-old male diagnosed with Autism Spectrum Disorder (ASD) and an Intellectual Disability (ID). A functional behaviour assessment, including functional analysis, was conducted to determine the function of the target behaviour. The intervention package includes: a high probability request sequence, contingency management, functional communication training (FCT) and differential reinforcement of other behaviours (DRO). The daily frequency of challenging behaviours and the number of occurrences of PRNs and restraints were used as measures. Behaviour skills training (BST) was used to train mediators in all interventions.

**Results:** The results suggest that the use of intensive supports and behaviour analytic programming can significantly reduce challenging behaviour and maintain reductions over time.

**Discussion:** The use of behaviour analytic supports can result in a decrease in challenging behaviour allowing the participants to engage in their community in meaningful ways. Barriers and limitations to treatment in a residential setting will also be discussed.