



**The SAINT a guided self-help intervention for people with intellectual disabilities**

Journal:	<i>Journal of Mental Health Research in Intellectual Disabilities</i>
Manuscript ID	UMID-2016-0005.R3
Manuscript Type:	Original Paper
Keywords:	Depression, anxiety, guided self help, psychological interventions, intellectual disabilities

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## The SAINT a guided self-help approach for people with intellectual disabilities

### Abstract

### Introduction

This paper introduces the SAINT (Self-Assessment and INTervention) a guided self-help intervention for the treatment of mild depression in people with intellectual disabilities

### Method

The study used a single case experimental design and adopted quality frameworks specific to the approach to describe the participants and to standardise the study. The aim was to examine the acceptability and effectiveness of the SAINT on reducing symptoms of anxiety and depression. Semi structured interviews were conducted to record user experiences and were using a framework analysis approach. Attendance at sessions was also monitored.

### Results

Nine people receiving guided self-help using the SAINT demonstrated a decrease in symptoms for both intervention phases for either depression or anxiety, with four showing a decrease in mean symptom scores in both intervention phases for both depression and anxiety. Those with a history of affective disorders and those with moderate intellectual disabilities showed improved symptom scores during both intervention phases.

### Summary and Conclusion

The idea that the SAINT can be feasibly implemented in routine clinical practice was broadly supported with the positive outcomes relating to symptom reduction and acceptability. From the feedback received the SAINT is tolerated well by participants and viewed positively by those using it and those who have supported people in its use.

### Introduction

Evidence suggests that people with intellectual disabilities (ID) are more likely to suffer from mental health problems and health inequalities than those in the wider population (Cooper et al. 2007, Cooper and Simpson 2006, Emerson and Baines 2010, Emerson et al 2012; Smiley et al. 2007, and Whitaker and Read 2006). Mental disorders including depression can be difficult to recognise in this group, which can affect subsequent diagnosis and treatment (Lunsky and Palucka 2004). Whether people with ID can benefit from psychological treatment approaches has been a matter of debate for over 40 years; and although the availability of psychological treatment is increasing for people with ID, it is still often the case they are excluded from mainstream mental health and IAPT's services (Burke 2014). The provision of CBT and other psychological treatments for adults with ID appears to have developed in line with an increased understanding of the mental health needs of this group of people (Hatton, 2002). It is now increasingly accepted that people with ID can benefit from a range of psychological approaches e.g., psychoeducational groups for psychosis, (Crowley, Rose, Smith, *et al*, 2008; Kirkland, 2005), depression, (Lindsay, Howells & Pitcaihly, 1993), anxiety and cognitive behavioural anger treatment (Taylor, Novaco, Gillmer, *et al*, 2002; Taylor, Novaco, Gillmer, *et al*, 2005) and CBT for Sex offenders (Sex Offender Treatment Services Collaborative – Intellectual Disabilities (SOTSEC-ID), 2010).

However there is limited evidence on the effectiveness of psychological therapies for people with ID. A meta-analysis of psychological treatment for people with ID (Vereenooghe and Langdon 2013) reported that group-based interventions had a moderate but smaller treatment effect than individual-based interventions, with CBT found to be effective for both anger and depression. However there is a need for further clinical trials and outcome studies in this area to further investigate and increase our understanding of this area. Historically, effectiveness has been difficult to establish in part due to the variation in administration of psychological treatments. The failure of a number of studies to consider individual needs and preferences has called into question the results of previous studies that have dismissed the use of psychological treatments for people with ID following the report of poor treatment outcomes (Thompson Prout & Nowak-Drabik, 2003).

There are a number of issues to consider when trying to improve treatment outcomes, such as the adaptation of materials and the therapist's awareness and understanding of ID (Hatton, 2002; Wilner, 2009). This process is known as "developmental adaptation" and involves the modification of language, goals, strategies and tasks (Thompson Prout and Nowak-Drabik, 2003). It is important to remember that this not always necessary for those with mild ID (Dagnan, Chadwick & Proudlove, 2000), and some adaptations can be negative, for example

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3 relying on proxy based reporting at the expense of self-report which has traditionally been  
4 ignored to inform assessment and outcomes (Fujiura, 2012). Mason, (2007) put forward five  
5 factors that are believed to influence the outcome of psychological therapies for people with  
6 ID:  
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- 9 • The perceived effectiveness of clinicians on psychological therapy
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- 11 • Individual clinician competence
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- 13 • Service resources; number of clinicians
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- 15 • The severity of the client's disability
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- 17 • The diagnostic overshadowing bias
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20 The aim of this current study was to establish proof of concept i.e., can Guided Self Help  
21 (GSH) be used by people with ID and is it effective in reducing symptoms of depression?  
22 Although GSH has been endorsed by the UK Government as an effective means of combating  
23 mild depression (Department of Health 2001), and is defined as "... a self-administered  
24 intervention designed to treat depression, which makes use of a range of books or other self-  
25 help manuals derived from an evidence-based intervention and designed specifically for the  
26 purpose..." (National Collaborating Centre for Mental Health 2009, p182). GSH is typically  
27 advocated as an intervention to promote positive mental health or for the management of less  
28 severe disorders, or to alleviate symptoms and/or prevent deterioration that may need to be  
29 treated using more intrusive methods such as medication. Furthermore, compared to other  
30 treatments, those receiving GSH may be less likely to suffer deterioration in mood following  
31 treatment (Williams et al. 2013). GSH offers a means of equipping individuals with the skills  
32 to be more independent in managing their mental wellbeing, thus reducing dependence on  
33 services (Lovell et al. 2008).  
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43 Using CBT approaches is the most common and effective form of GSH (National  
44 Collaborating Centre for Mental Health 2009) (184-187) and Williams et al 2013). In spite of  
45 an increasing number of studies reporting on the effectiveness of GSH there is little evidence  
46 that it is used with or is being used as a treatment for people with ID. This may be for a  
47 number of reasons, including the fact that the GSH materials currently available often require  
48 a level of cognitive functioning that unintentionally excludes many people with ID. This  
49 paper reports on a GSH intervention and treatment resource called the Self-Assessment and  
50 INTERvention pack (SAINT), which is specifically designed for people ID.  
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## Ethics

A favourable ethical opinion was received on the 23rd August 2008 (granted 20th August 2008) (08/H0809/43), from the Bexley and Greenwich Ethical committee. A substantial amendment to the study was submitted and approved by the South London REC office 5 on the 7th April 2011.

## Methodology

### Study design

The study used a reversal single case experimental design (SCED) (A-B-A-B) to examine effectiveness and proof of concept. To achieve this a mixed group of individuals with ID were recruited i.e., those with a pre study diagnosis of depression and those with sub threshold symptoms of mood disorders. The SCED was designed to last 16 weeks (4 weeks for each phase ABAB). Quality frameworks devised by Horner et al. (2005) and (Kratochwill et al. 2010) were used to inform the design of the SCED including management of phases, number of data points, internal, external and social validity.

### Recruitment

The participants were recruited from a number of areas including specialist mental health inpatient, community mental health and residential services, for people with ID across the south east of England. Of the 22 people that were identified to take part in the study and who met eligibility criteria; seven were withdrawn by clinical teams or those supporting them; either before or in the first few weeks of the study. This usually occurred following deterioration of mental state and in some instances because of reconfiguration of services. Of the 22 identified, 18 started the study, with 15 participants completing the SAINT over one or more baseline and intervention phases *male* = 7, (46.7%) ( $M = 44.3$  years old,  $SD 19.47$ , range 18-68), *female*=8, (53.3%), ( $M = 31.38$ ,  $SD 9.9$ , range 21-46). In total twelve participants completed all four phases. The three that started and did not complete were all withdrawn on the advice of their clinical team following deterioration in their mental state.

Qualitative methods were used to record user experience, 16 participants who expressed an interest in giving feedback were approached to undertake a semi-structured interview, of these nine agreed to participate. The interviews were conducted by a Nurse Researcher who analysed the data from the interviews using a framework analysis approach.

### **Inclusion/exclusion criteria**

All participants were aged 18 or over. ID was defined as being known to ID services or identified as having an ID by mental health services. A clinical diagnosis or sub threshold symptoms of mood (affective) disorders F 30-39 was required along with the ability to provide consent. Those not meeting these criteria or who lacked capacity to understand the project were excluded.

Of the 15 participants, all had a history of affective symptoms. In terms of primary diagnosis six (40%) had a clinical diagnosis of depression, four (26.7%) had autism spectrum disorder (ASD) and four (26.7%) had psychosis. Of the six who had a diagnosis of depression only one met the study criteria for current depression, i.e., a score of 13 or over on the GDS-LD. In addition, a further two participants who had not previously been identified as being depressed met the study criteria for depression. In terms of level of ID, 11 (73%) were recorded as having a mild ID and four (26.7%) met criteria for a moderate ID

### **The intervention**

The SAINT is a manual based GSH approach that is designed to be used by people with ID with or without support. It is designed so it can be administered by non-therapists e.g., health professionals or graduates. It is designed to help people with ID to self-report from a list of feelings and emotions that have the potential to impact negatively on their mental health. The SAINT has a diary section to record both positive and negative experiences. This is preceded by a number of coping strategies to address adverse mental health needs identified from the feelings list. There is also an accompanying instruction manual for both those using it and anyone supporting them. Training was given to all participants and offered to carers or others supporting them.

The GSH sessions using the SAINT were facilitated by Registered Nurses (Mental Health or Learning Disabilities field). The sessions occurred weekly and lasted from 30 minutes to an hour. This variation was to take into account individual issues of understanding, memory, concentration and reporting. This format remained consistent across study settings. The sessions focussed on the person's mental health and their ability to identify feelings and potential flashpoints that could negatively impact on their mental wellbeing. Once identified the use of and choice of coping strategies to address these issues within everyday scenarios were discussed. The sessions took place every 7 days, +/- 2days, to allow flexibility and choice. Participants were encouraged to seek support (if available) between sessions from friends or carers. Prior to starting the intervention (ABAB), teaching on how to use the SAINT was conducted by the facilitators, and a training manual was given to reinforce

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3 learning. Following the first intervention phase the resources were removed from participants.  
4 Weekly visits still took place during the non-intervention phases. This was to ensure that any  
5 increase or decrease in symptoms was due to the intervention and not just as a result of having  
6 a regular visits. During these phases the SAINT was replaced by offering time to engage in  
7 general conversation unrelated to mental health. During all phases the participants received all  
8 other treatments prescribed as usual. As part of treatment as usual, changes to medications  
9 and other treatments occurred as clinically indicated for the duration of the 16 weeks of the  
10 SAINT intervention. In the study design, duration of illness, current treatment, and previous  
11 response to treatment (responsivity, vs treatment-resistance) were not considered.  
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### 18 **Outcome measures**

19 The Glasgow Depression Scale-Learning Disabilities (GDS-LD) (Cuthill et al. 2003) and  
20 Glasgow Anxiety Scale –Intellectual Disability (GAS-ID) (worries section) (Mindham and  
21 Espie 2003) were administered weekly before each GSH session took place, and during the  
22 weeks the intervention did not take place. The SAINT was scored by self-report i.e.  
23 participants answering yes or no to the statements on the feelings list. This was compared  
24 with the GDS-LD and GAS-ID to establish reliability and validity (Chaplin et al. 2013).  
25 Visual analysis was used to analyse the SCED. As recommended for this method, the  
26 following areas related to visual analysis were considered: level (mean), trend, variability,  
27 overlap, immediacy of the effect, and consistency of data patterns across similar phases,  
28 (Fisher et al. 2003, Barlow et al. 2009, Kazdin 1982, Kennedy 2005, Morgan and R. 2009,  
29 Parsonson and Baer 1978, Kratochwill et al. 2010)  
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38 Acceptability of the SAINT was assessed by attendance during the intervention sessions  
39 (ABAB) and through feedback from the semi structured interviews. The interview examined  
40 how people had used the SAINT e.g., what levels of support had they received, their feelings  
41 on its strengths and weaknesses and its ease of use. All interviews were taped and transcribed  
42 and analysed using framework analysis (Srivastava and Thomson 2009). Additionally, field  
43 notes and comments received from participants and those supporting people using the SAINT  
44 were considered. Attendance during the intervention sessions was also recorded  
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## 52 **Results**

### 53 **GDS-LD and GAS-ID Outcomes**

54 In total 12 of the 15 participants completed all four phases (ABAB), one completed three  
55 phases ABA and two completed two phases AB. Of the 12 participants who completed the  
56 full 4 phases of the intervention, 9 (75%) demonstrated decreased depression symptom scores  
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3 and 3 (25%) had decreased anxiety scores in both intervention phases compared to the  
4 preceding baseline and non-intervention phases. Of the 3 (20%) who met the study criteria for  
5 depression, one completed all four phases and showed a reduction in symptoms of depression  
6 in both of the intervention phases and a reduction in anxiety in the final phase. Of the other  
7 two; one completed three phases and a showed decreased symptom by the post intervention  
8 phase (ABA). The remaining case was withdrawn after two phases following a relapse of  
9 psychosis (see tables 1 and 2 for results of those meeting and those not meeting study criteria  
10 for depression). There was also a reduction in the number of problems identified using the  
11 SAINT from six participants (50%) in both intervention phases. In terms of psychopathology,  
12 of those who completed the four phases; participants with a history of affective disorders 8  
13 (66.6%) showed the most consistent improvement. Of the three participants who failed to  
14 show a reduction in symptoms, none had previously received a clinical diagnosis of  
15 depression.  
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### 27 **User experience with framework analysis**

28 The SAINT offered a positive experience to the majority of participants. The intervention  
29 was tolerated well and overall attendance in the intervention weeks in the study was 86.4%  
30 (over eight sessions). In terms of ease of use two participants reported difficulties using the  
31 SAINT between sessions. This highlights the need for adequate support especially for those  
32 who are less able. In terms of support between sessions this appeared to vary by study  
33 location, e.g., within inpatient services, the intervention was more likely to be seen as part of  
34 the treatment programme. This meant that it was more likely that participants would receive  
35 the support and guidance requested, whereas those being supported in the community were  
36 more likely to use the SAINT privately or not seek support.  
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44 A number of the interview transcripts analysed were brief and reflected the difficulty many of  
45 the participants had in expressing and articulating themselves in situations where they may  
46 feel they are being 'tested'. A series of iterations was used to bring sub-themes together  
47 however this was partly affected by some of the limited responses of participants' experiences.  
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51 From the interviews a number of key themes were identified which were considered under the  
52 following four headings: personal reflection, barriers to use, the utility of the SAINT and  
53 potential improvements to SAINT. See figure 1, supporting the idea that the SAINT can be  
54 feasibly implemented in routine clinical practice.  
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## 8 Discussion

9 There are no previous studies of this nature so comparison is difficult. However, the study  
10 was able to demonstrate that people with ID could use GSH and that its use brought about a  
11 reduction of symptoms as evidenced by replication of effect with single participants.  
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15 The study used mixed methods bringing together qualitative and quantitative techniques, which  
16 are increasingly looked upon as a continuum (Niglas 2006). The use of SCED to examine  
17 symptom reduction and semi structured interviews to record personal experience and gauge  
18 acceptability has added extra dimension to the study. Single subject research is often  
19 dismissed due to limited insights into its purpose, the range of designs and the belief that  
20 studies involving one person prove nothing. SCED should not be confused with case studies  
21 and/or case series, which usually report the results of treatment but lack a scientific approach.  
22 As in this study SCED can be used to address a broad array of questions such as feasibility,  
23 proof of concept, hypothesis testing and building. The Medical Research Council guidelines  
24 (Medical Research Council 2008) (which informed the course of this study) endorse SCED as  
25 a legitimate experimental intervention. SCED offers certain advantages over a Randomised  
26 Controlled Trial e.g., being able to provide information on the variability of participant  
27 responses to an intervention in real time rather than estimating its effect across a whole group.  
28 SCED examine the effect of an independent variable on the dependent variable. Unlike RCTs,  
29 the SCED lends itself to modification by adjusting and changing of the independent variable.  
30 The aim is to improve the intervention profile through comparative intervention of the  
31 evidence base by recruiting individually, SCEDs are a cost effective way to provide evidence  
32 by identifying and defining those who are felt most likely to benefit from the intervention.  
33 This is important when informing future RCTs. The consistency of delivery of GSH is highly  
34 variable as to what constitutes a treatment episode (Williams et al. 2013). In the study  
35 participants received up to four sessions although a number of participants did not return after  
36 one session. SCED aims to establish the effectiveness of an intervention over a period of time  
37 on a group or individual. To do this it makes observation and recordings over a series of  
38 baseline and intervention phases. How this is achieved is dictated by the study and the  
39 independent variable is introduced in a planned way within designated phases whilst the  
40 dependent measure is collected repeatedly throughout the study. The design will vary in  
41 complexity from basic comparison to complex crossover designs. This is because there is no  
42 set standard. In SCED participants act as their own control and examines whether positive  
43 results can be maintained or improved following a break and reintroduction of the  
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3 intervention when the initial A-B phases are repeated. This ABAB design was preferred to a  
4 moving baseline design given the heterogeneity of the participants in terms of location, stage  
5 of recovery, level of ID, comorbidities and primary diagnosis. What the design allowed was  
6 the examination of a number of sub groups in an attempt to establish which groups might  
7 have the potential to benefit from GSH. Visual analysis was used to examine both within and  
8 between data patterns during the baseline and intervention periods and is still the preferred  
9 and accepted method for smaller studies not leading themselves to statistical analysis. The  
10 strength of visual analysis is that it is able to identify if a functional relationship exists  
11 between the introduction of an intervention and reduction in symptoms and replicate effects  
12 across individuals or groups of individuals (Lane and Gast 2014). In this study the use of  
13 SCED afforded the opportunity to not only examine proof of concept but also allowed those  
14 meeting criteria for depression to be examined as a sub groups.  
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23 Acceptability was assessed via attendance at sessions and semi-structured interviews. These  
24 were analysed using framework analysis methodology. During the study a number of  
25 considerations were made to improve engagement and provide consistency to how the SAINT  
26 was used by staff and understood by users. Part of this was to provide a positive training  
27 experience to familiarise participants with both the SAINT and concept of guided self-help.  
28 The training sessions were developed and a training manual produced reflecting the content.  
29 Copies of the book were given to both participants and carers attending training. (A training  
30 book has since been published along with the SAINT manual and resources, Chaplin et al ,  
31 (2014). Originally the training was to be delivered to participant and carer groups over a day;  
32 however, problems with services releasing staff to attend meant that often training was  
33 completed on a case by case basis. This type of situation is consistent with earlier research  
34 that has suggested recruitment to group training can be problematic (Chadwick et al. 2001).  
35 Delivering training to individuals made it a more personal experience and afforded the  
36 opportunity of addressing individual concerns, which may have been missed in a group  
37 setting. The emphasis on training and information before the start of the intervention may  
38 have helped account for the high attendance rate for sessions. The complexity of effective  
39 GSH interventions also lends itself to evaluation using qualitative methods, to help our  
40 understanding of how people use and experience interventions (Khan et al. 2007). Participant  
41 feedback was captured and analysed using framework analysis methodology. This allows a  
42 systematic approach that lends itself to scrutiny at all stages of the process and also allows the  
43 testing of a priori assumptions. Like other qualitative methodologies framework analysis is  
44 concerned with finding order, patterns and structure to record and make sense of people's  
45 experiences. Traditionally this has meant that studies have been biased and often not included  
46 those who have difficulty articulate their experience due to cognitive and social impairments.  
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3 There is still debate as to whether qualitative methods are a legitimate research tool in people  
4 with ID. Many of the arguments used against participation have also been applied to other  
5 groups where people may have an issue expressing themselves. In spite of this with  
6 adaptations to how information is provided and responses received there is no reason why  
7 people with ID should not take part in qualitative research. The transcripts from the  
8 interviews in this study provided evidence of independent thought and speech, demonstrating  
9 participant choice and not being suggestible to the comments of the interviewer. In terms of  
10 satisfaction with the intervention, critical comments and constructive criticism from  
11 participants highlighted a number of key issues. Individual experiences of the intervention  
12 overall were varied. For the participants who lacked support, the potential impact of the  
13 intervention and subsequent experience may not have been fully realised. However in practice  
14 regardless of the level of support received between sessions, there was variation on how the  
15 SAINT was used. For example some participants would identify and record their feelings  
16 using numbers in the diary as is suggested in the training manual whilst others would use the  
17 diary to record their feelings and coping strategies in more detail and not always stick to  
18 writing a corresponding number relating to their feelings. The personal feedback received  
19 from the semi structured interviews offered a valuable insight into the SAINT's utility in  
20 practice. One limitation of the sample was of the feedback was provided by just 9 of the 16  
21 participants. All participants who gave feedback reported that they enjoyed or benefited from  
22 the experience of using the SAINT, and that it was easy to incorporate within existing  
23 routines. Furthermore a number of people continued to use the SAINT following the  
24 conclusion of the study. Although many participants were unable to expand on answers given  
25 during the interviews, or did not wish to talk of their experience formally, they were able to  
26 give both positive examples of how they used the SAINT and offer constructive criticism on  
27 areas that would benefit from improvement. Although a number of responses to questions  
28 were brief, they did include both positive and negative responses. The negative responses  
29 received were an important part of validating the questionnaire, as it suggests that the  
30 response is genuine and not as a result of the person being suggestible or acquiescing.  
31 Negative feedback included answering questions about self-harm and that the SAINT could  
32 be difficult to understand sometimes in terms of knowing what to do. What was encouraging  
33 was that the negative comments occurred in the context of a reported good overall experience.  
34 On balance participants viewed the experience of using the SAINT as positive and  
35 worthwhile. Two participants in particular gave considerable feedback, including one person  
36 who was inspired by the experience, and was supported by care staff to write a book and  
37 presentation on his experiences of using the SAINT and how it could be used to benefit others.  
38 The positive experiences and reported improvements of those using the SAINT was not  
39 always apparent in the visual analysis, which focussed on symptom reduction rather than  
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3 other benefits such as increased engagement with staff. A positive side effect of the  
4 intervention was reports from some staff that after supporting people to use the SAINT they  
5 felt they knew more about and better understood the person they were working with. In terms  
6 of looking to improve the SAINT, two participants did find it slightly complicated, which  
7 highlights the need for adequate support especially for those with lower levels of functioning.  
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12 In terms of effectiveness 75% demonstrated decreased depression symptom scores in the first  
13 study when compared to the preceding baseline or non-intervention phases. What the results  
14 suggest is those with depression or significant affective symptoms appear to benefit most. Of  
15 those who failed to improve in terms of symptom reduction; none had previously received a  
16 clinical diagnosis of depression.  
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21 A limitation of the interpretation of results is that participants had reviews in medication or  
22 non-medication treatments during the intervention. Participants were also subject to array of  
23 other treatments for depression and other mental health problems such as occupational  
24 therapy. Ideally participants should only be receiving GSH in terms of intervention or a  
25 strategy would need to be in place to control for treatment change or additional interventions.  
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27 Although participants act as their own controls in SCED the addition of other interventions  
28 will limit what can be inferred.  
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34 It was the case that the participant group were not primarily clinically depressed or anxious.  
35 The GDS-LD only identified three participants who met the study criteria for depression and  
36 only one of these showed a reductions of depressive symptoms in both intervention phases,  
37 whilst the other two did not complete the intervention. This does not mean that GSH is not an  
38 effective intervention for depression in people with ID. It probably has more to do with the  
39 complexity of clinical presentation. This demonstrates that prescribing GSH needs careful  
40 consideration and it is offered to those likely to benefit from it at the time of referral, as is the  
41 case in other psychological therapies such as CBT. We know from the results both  
42 participants with mild and moderate ID were able to use the intervention. The majority of  
43 those who failed to complete the intervention, excluded themselves or were withdrawn either  
44 as a result of additional mental health issues affecting behaviour and concentration. Although  
45 there is inconsistency of effect for the intervention in terms of meaningful clinical  
46 improvement; the study was able to demonstrate proof of concept.  
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55 Although there is no literature to speak of relating to people with ID and GSH, there are a  
56 number of studies that illustrate the use self-help techniques as part of an overall treatment  
57 approach in a number of different scenarios e.g., relaxation (Taylor, Novaco, Gilmer, *et al*,  
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3 2002) and an intervention for fire setting (Clare, Murphy, Cox, *et al*, 1992). However, there is  
4 still uncertainty in the absence of published evidence, on the effectiveness of using self-help  
5 strategies as the main treatment component. Part of this is due to the increased expectations  
6 put on the individual to essentially take control and manage their treatment with brief input  
7 from a facilitator.  
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## 10 11 12 **Conclusion**

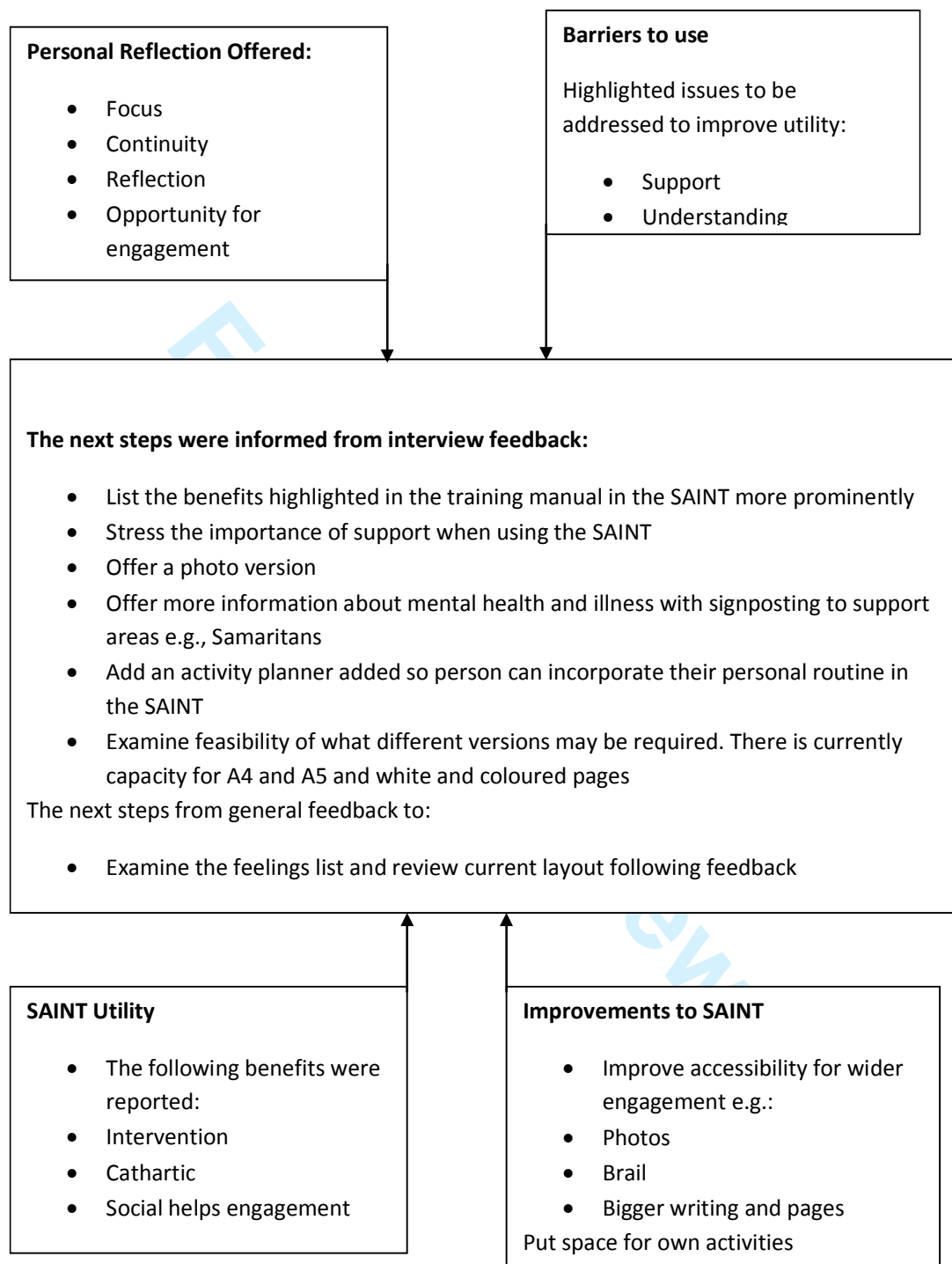
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15 The clinical challenges posed by people with ID and mental health problems are gaining  
16 wider recognition. However there is still more work to do to reduce health inequalities that  
17 prevent access to treatment enjoyed by the general population. More support and greater  
18 awareness from clinicians and commissioners is required to ensure that this group of people  
19 with complex needs benefit from the full range of mental health services. The idea that the  
20 SAINT can be feasibly implemented in routine clinical practice was broadly supported with  
21 the intervention piloted in a number of residential and clinical settings. The SAINT  
22 demonstrated good promise by decreasing mean scores for the majority of participants. There  
23 are issues as to the levels of support individuals need, this would need to be examined further  
24 in any future study, to evaluate its contribution to the intervention. Initial feedback suggests  
25 that the SAINT is tolerated well by participants and viewed positively by those who have  
26 supported people in its use between sessions.  
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35 The SAINT demonstrated that its use can help people with ID to manage their mental health.  
36 This is important if we are committed to partnership working and people being equipped to  
37 make their own and join in with decision making. The accessibility of the materials developed  
38 ensured ease of use and was easily understood by the current support networks. This inclusive  
39 approach allowed people not only to engage and benefit from the approach but to gain more  
40 independence in managing their mental health.  
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**Figure 1: Participant opinions of the SAINT following participation**

*This figure illustrates the stages and outcomes of Framework analysis, which considered four areas: personal reflection, barriers to use, the utility of the SAINT and potential improvements to SAINT. The middle box outlines proposed ways forward.*



**Table 1:** Mean phase symptom scores for participants not meeting caseness for depression

ID no.	GDS-LD				GAS-ID				
	A	B	A	B		A	B	A	B
Reduction of symptoms of depression in both intervention phases									
1*	5.5	3.7	5.5	5		3	2.3	3	3
3	2.3	0.7	2.5	2.3		2	2	2.5	0
4	2.5	2	0.7	0.3		2	1.7	1.2	0.7
5*	5.8	5	5.7	5		2.8	5	1.5	3.8
7*	6	4.3	8	5		5	3	5.5	3
8*	3.8	1.8	3.2	1.5		3	2.3	1.7	2.3
10	12	16.5	17	13		10	11	13	11
14	9.3	5.3	6	5.5		3	0.3	3.2	1.8
Reduction of symptoms of depression in one intervention phases									
6	3	2.8	2	4.5		2	2.8	0	1.8
2*	3.8	10	11	8.3		10	10	11	8.5
11	3	2.8	2	4.5		2	2.8	0	1.8
Those not completing the intervention									
15	12	9	NC	NC		8	5.5	NC	NC

\*Participants having a diagnosis of depression recorded in case notes

**Table 2:** Mean phase symptom and SAINT scores for participants meeting caseness for depression GDS-LD 13 or >

GDS-LD					GAS-ID				
ID no.	A	B	A	B		A	B	A	B
Reduction of symptoms of depression in both intervention phases									
13	18	17	18	16		10	11	10	9.3
Those not completing the intervention									
12*	13	13.8	12	NC		10	9.5	8.5	NC
9	15	0.8	NC	NC		15	16	NC	NC

*\*Participant having a diagnosis of depression recorded in case notes*