The service user experience of SlowMo therapy: a co-produced thematic analysis of service users’ subjective experience


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Title: The service user experience of SlowMo therapy: A co-produced thematic analysis of service users’ subjective experience.

Short title: Service-user experience of SlowMo therapy

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* The SlowMo PPI team comprised 9 peer researchers and service user consultants who were actively involved in the design, data collection, analysis and write up. Those who have given permission to use their names were Alice Hicks, Angie, Dan, Amy, Helen and Natalie (first names only), and Anthony (pseudonym) and Alex (pseudonym). One PPI team member sadly died during the study; they made an important early contribution but permission to name them in this paper was not granted before their death. We would like to acknowledge the intelligence and wisdom that they brought to the project.
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Abstract:

Objectives: SlowMo is the first blended digital therapy for paranoia, showing significant small-moderate reductions in paranoia in a recent large-scale randomised trial (RCT). This study explored the subjective service-user experience of the SlowMo therapy content and design; the experience of the blended therapy approach, including the triangle of therapeutic alliance; and the experience of the digital aspects of the intervention

Design: Qualitative co-produced sub-study of an RCT

Methods: Participants were 22 adult service users with schizophrenia-spectrum psychosis and persistent distressing paranoia, who completed at least one SlowMo therapy session and a 24 week follow-up, at one of 3 sites in Oxford, London and Sussex, UK. They were interviewed by peer researchers, using a topic-guide co-produced by the Patient and Public Involvement (PPI) team. The transcribed data were analysed thematically. Multiple coding and triangulation, and lay peer researcher validation were used to reach consensus on the final theme structure.

Results: Six core themes were identified: (i) Starting the SlowMo journey; (ii) The central role of the supportive therapist; (iii) Slowing things down; (iv) Value and learning from social connections (v) Approaches and challenges of technology; and (vi) Improvements in paranoia and wellbeing.

Conclusions: For these service users, slowing down for a moment was helpful, and integrated into thinking over time. Learning from social connections reflected reduced isolation, and enhanced learning through videos, vignettes, and peers. The central role of the supportive therapist and the triangle of alliance between service user, therapist and digital platform were effective in promoting positive therapeutic outcomes.

Keywords:
Psychosis; Schizophrenia-Spectrum; Paranoia; Cognitive Behaviour therapy; Reasoning; Service user experience; qualitative; thematic analysis; patient and public involvement;

Data availability statement: The data that support the findings of this study are available from the corresponding author upon reasonable request. The data are not publicly available due to privacy or ethical restrictions.

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The Patient and Public Involvement team members who have given permission to use their names were Alice Hicks, Angie, Dan, Amy, Helen, and Natalie (First names only), and [pseudonyms] Anthony and Alex. One PPI team member sadly died in the course of the study; she made an important early contribution, and provided intelligence, kindness and wisdom. We would like to acknowledge the contribution of the additional research workers on the trial: Ujala Ilyas, Ela Orucu, Valerija Lvova, Phoebe Marple-Horvat, Rikesh Halkoree, Eva Tolmeijer, Vicci Smallman, Anna East, Catherine Belton and Michaela Rea; and the clinical teams in South London and Maudsley NHS Foundation Trust, Oxford Health NHS Foundation Trust and Sussex Partnership NHS Foundation Trust for their support.

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The service user experience of SlowMo therapy: A co-produced thematic analysis of service users’ subjective experience.

Introduction
Paranoia, or fear of harm from others, is common, occurring frequently in as many as 20% of the general population and up to 70% of people with non-affective psychosis, and severely impacting mental health and quality of life (Freeman et al., 2011; Freeman & Garety, 2006, Johns et al., 2004; Coid et al., 2013). Yet there are issues with delivery and uptake of standard psychological therapies for paranoia and psychosis (Greenwood et al., 2018). In addition, meta-analyses of traditional CBT for psychosis therapies have revealed only small- moderate effects on delusions and positive symptoms (e.g. Bighelli et al., 2018). Small to moderate treatment effect sizes have also recently been found for the impact on paranoia of briefer causal-interventionist therapies that specifically target sleep, worry, and self-schema, with much greater effects on the specific targeted process (Freeman et al., 2014; 2015 a & b). However, the psychological mechanisms underpinning paranoia, also comprise reasoning biases of jumping to conclusions (fast decision making based on limited evidence), and reduced belief flexibility (meta-cognitive ability to reflect on and adjust beliefs) (Garety et al., 2005; Garety and Freeman 2013; Ward and Garety 2017). Targeting these mechanisms, in a brief engaging, digitally supported intervention, might enhance both engagement and paranoia outcomes.

SlowMo therapy takes a causal-interventionist approach, focusing on underlying causal mechanisms and is the first blended (therapist delivered, technology enhanced) digital therapy for paranoia. It involves 8 cognitive-behavioural sessions that target ‘fast thinking’ reasoning biases that are thought to underlie paranoia (Garety et al., 2015), by encouraging people to slow down for a moment and find ways of feeling safer. Sessions are assisted by the SlowMo ‘webapp’, delivered via touchscreen laptop, which has interactive features including animated vignettes and personalised thought ‘bubbles’, and by a mobile phone app which provides access to SlowMo strategies in daily life. The therapy is brief, so has the potential to support access to therapy for a larger number of service users than current provisions, and designed in line with recommendations for improving implementation of digital therapies for psychosis (Allan et al., 2019; Berry et al, 2019; Sarkar et al, 2016). The structured blended approach, with face to face sessions supported by session-by-session digital content reduces the risk of therapist drift (Kooistra et al., 2016), and the inclusive human-centred-design (iHCD) (Hardy et al., 2018), aims to ensure the therapy is usable, trustworthy, enjoyable, personalised, normalising, and offers flexible interpersonal support. The recent large-scale SlowMo randomised controlled trial clearly indicated that SlowMo was beneficial, with 10 /11 paranoia measures at 12 weeks, and 8/11 at 24 weeks demonstrating significant small-moderate effects in 181 participants with schizophrenia-spectrum psychosis in London, Sussex, and Oxford compared to 180 participants who received usual
care alone (Garety et al., 2017; 2021). Improvements were also found on measures of self-esteem, worry, wellbeing, and quality of life.

In addition to the positive effects on paranoia and well-being, understanding service user experiences of therapy is also critical. Therapeutic alliance is one aspect of service user experience, which can have a causal impact on the effectiveness of treatments in psychosis (Goldsmith et al., 2015). Indeed, alliance with online digital interventions may promote better engagement (Clarke et al., 2016). Historically, therapeutic alliance is defined as the quality of the working relationship, or connection, between service user and therapist, that aims to produce positive therapeutic outcomes, through shared goals, tasks, and bond characterized by interest, warmth, empathy, authenticity, genuine concern, understanding, and hope (Bordin et al., 1979; Lopez et al., 2019; Henson et al., 2019). In blended therapies, this working relationship is extended to a ‘triangle of alliance’ between the service user, clinician, and digital platform (Cavanagh 2010); the digital therapeutic alliance being the therapeutic connection between the user and the mental health app (D’Alfonso et al 2020). The working relationship with the therapist remains a predictor of change (Vernmark et al, 2019) but the alliance can be further enhanced by the incorporation of technology, leading to greater commitment to goals and tasks (Lopez et al., 2015). Alliance varies across platforms and levels of therapist involvement, and alliance with digital platforms independently predicts engagement and outcome (Cavanagh et al 2018). In SlowMo therapy, the triangle of alliance is extended to include both the service user and therapist connection with the web app, but also the mobile phone app within and outside of sessions.

Data on user experience of digital therapy in psychosis is only recently emerging, focused largely online and mobile phone supported self-management (Berry et al.,2016). Service users with psychosis have reported a sense of autonomy and control while using self-guided digital health apps to manage their symptoms (Berry et al., 2019). A proof-of-concept trial found high feasibility and acceptability, and large treatment effects for a self-guided smartphone app (Acticsst) compared to a symptom tracking app (Bucci et al., 2018a), whilst a smartphone and web-based cognitive self-management app (FOCUS) found that 87% of app users found it easy to use and 87% found it helpful for symptoms, but some reported difficulties with the technology and requested more technical support (Ben-Zeev et al., 2014).

There is still much to be understood about the implementation of digital interventions for psychosis. Whilst implementation frameworks have been created (Allan et al., 2019), no study to our knowledge has yet evaluated a blended therapy with digitally supported face-to-face therapy sessions for paranoia. Research has demonstrated excellent adherence to SlowMo sessions and the mobile phone app, and self-reported ease-of-use, usefulness, and enjoyment (Garety et al., 2021; Hardy et al., 2021). SlowMo therapy design was able to bridge the ‘digital divide’ (Robotham et al, 2019), whereby people from minority
populations report lower digital literacy, as age and ethnicity did not impact on user experience (Hardy et al, 2021). Given recommendations from researchers to employ multidimensional objective and subjective assessments of user experience to support implementation, in light of suboptimal uptake and use of mental health apps (Ng et al., 2019), this qualitative study evaluates service users’ subjective experience of and alliance with the SlowMo therapy, including therapist, digital elements, and their interaction.

Aim
The study aimed to explore the subjective service user experience of:
(i) the SlowMo therapy content and concepts
(ii) the blended therapy approach (the triangle of alliance) and
(iii) the digital aspects of the intervention
to inform improvements prior to future implementation.

Method
Study design and setting
The study is a co-produced thematic analysis of service user experiences of SlowMo therapy in UK mental health services. The data collection, analysis, and interpretation were co-produced with peer researchers, to enhance the methodological rigour and provide a rich subjective perspective, as service users may be more forthcoming when interviewed by peers (Simpson and House 2002), and peer researcher involvement in analysis may lead to identification of novel themes and reflections (Gillard et al., 2010; 2012). Further details of PPI processes are described in Greenwood et al., (2021).

Participants
Participants were 22 service users recruited for the SlowMo RCT at the 3 sites (London, Sussex, and Oxford). Sampling was consecutive and purposive: participants were invited to take part in the qualitative sub-study consecutively, following completion of (i) at least one SlowMo session, and (ii) the 24-week follow-up. Additional inclusion criteria were the same as for the main trial: aged ≥ 18 years; persistent (3+months) distressing paranoia (assessed using the Schedules for Clinical Assessment in Neuropsychiatry [1992]; scoring>29 on the Green et al., Paranoid Thoughts Scales (GPTS -part B) [2008]; schizophrenia-spectrum psychosis (F20-29, ICD-10) [2010]; capacity to provide informed consent; sufficient spoken English to participate. Exclusion: profound visual or hearing impairment; inability to engage in assessments; currently receiving psychological therapy for paranoia; primary diagnosis of substance abuse or personality disorder, organic syndrome or learning disability.
**Topic guide**

A topic guide for the qualitative interviews was initially drafted by the study team to enable a detailed evaluation of the user experience of the therapy, therapist, and technology. It was revised iteratively in collaboration with the SlowMo Patient and Public Involvement (PPI) team, initially in 2 central PPI meetings to which all 9 PPI members were invited (6 women and 3 men, from Sussex (3), Oxford (2), and London (4)), and subsequently in a series of local PPI meetings, by the PPI interviewers, (1 woman in Oxford, 1 woman/1 man in Sussex, and 1 woman in London), who revised it further for flow and ease of use. See Appendix 1 for the final topic guide.

**Procedure**

PPI team members received either the SlowMo therapy as part of a previous project, or an introduction to the therapy and materials at the start of the current project, to enable them to better understand, and contextualise the interview discussions. They also received training in peer researcher roles; and role-play practice in conducting qualitative interviews using the topic guide. Supervision was provided by the PPI lead (Sussex), or trial coordinators (London/Oxford). After gaining additional written informed consent for participation in the qualitative study, all interview data was collected in-person, either by 2 peer researchers working together (Sussex), or by 1 peer worker and a graduate researcher (London and Oxford). Participants were reimbursed £20 for their time. All interviews were audio-recorded with the exception of one (see below), and transcribed verbatim.

**Analysis**

A thematic analysis was applied to the transcribed data, using a constructionist framework in 6 steps: familiarization, initial coding, searching for themes, reviewing themes, defining, and naming themes, and producing the report (Braun and Clarke 2006). The data was analysed in two phases: each comprised 11 transcripts, and used multiple coders and triangulation to reach consensus on theme structure. In the first phase, an independent graduate psychologist, clinical, and peer researchers, and site co-ordinator/trial therapists each coded the same transcript, and met to agree the initial coding frame. Further transcripts were coded by the graduate psychologist and clinical researcher. Codes were summarized and reviewed by the wider group to clarify theme structure. The graduate psychologist and clinical researcher then coded the remaining transcripts to produce the phase 1 theme structure. The second phase was conducted by a second graduate researcher, mirroring the phase 1 approach. The two coding frames were then combined. Discrepancies between phase 1 and 2 were discussed, quotes were reviewed, and consensus reached on theme descriptors. Finally, themes and quotes were presented to the whole PPI team in two meetings across all sites for final validation.

**Epistemological position.**
Lack of consistency and coherence in thematic analysis (Holloway & Todres, 2003), can be reduced through transparent application of an epistemological position that underpins study findings (Nowell et al. 2017). The study is underpinned by a critical realist perspective (Bhaskar, 1989; Collier, 1994), which recognises that whilst reality exists, knowledge is socially produced and influenced by the observer’s context and worldview (Bhaskar, 1989; Ponterotto, 2005). There may be multiple equally valid accounts of the same phenomenon (Hammersley, 2004) such that reality is only imperfectly known (Letourneau & Allen, 2006; Porter, 2007). Multiple approaches were taken to best capture the reality of participant perspectives, including data collection by peer researchers, multiple coding of themes from different perspectives, triangulation which is a process of discussion to reach consensus on theme structure involving all peers and researchers, final validation, and transparency in reporting.

**Stance of the PPI peer researchers**

The peer researchers were not experienced in qualitative research and brought a ‘lay’ perspective to the approach, but they had worked as SlowMo PPI members for 1.5 years before they commenced data collection, and 2 of the 4 peer researchers had received a version of SlowMo therapy. This enabled them to empathise with participants’ experiences but may have contributed bias in their interpretation of results.

**Stance of the graduate coders**

The primary coder in phase 1 was independent of the SlowMo study, which enabled objectivity and reduced the risk of bias, but also limited understanding of participants’ responses, and required discussion with the broader study team. The primary coder in phase 2 was a SlowMo graduate research assistant, who was familiar with the intervention and the phase 1 coding, but undertook phase 2 coding separately with a critical reflective stance.

**Results**

Of 28 eligible participants approached in Sussex and London, 5 declined to participate, and 3 were unreachable. One did not consent to audio-recording, and notes were taken during their interview instead. Two additional participants took part from Oxford to give twenty-two participants, comprising 12.2% of the total SlowMo therapy sample. Basic demographic details are provided in Table 1. Some data are not presented individually to preserve anonymity. Eighteen were male (82%), 18 were White British (82%), 19 were single (86%), 17 were unemployed (77%), and 14 lived alone (64%). Only 3 participants (14%) had received education beyond A levels. Their mean age was 44.9 years (range 20-64), and their mean GPTS Part B score was 51.8 (range 29-79). The qualitative sample was broadly representative of the whole therapy sample, which had slightly fewer men (70%), slightly more ethnic diversity (70%) and unemployment (80%), slightly fewer people living alone (58%), a slightly lower average age (42.6), and slightly higher GPTS Part B score (56.2) (Garety et al. 2021).
Development and Validation of Theme Structure.

The final theme structure comprised 6 core themes and 20 sub-themes. Two core themes remained unchanged from phase 1 to 2 (‘Slowing things down’ and ‘Improvements in paranoia and well-being’), the wording changed slightly for one (‘Starting the SlowMo journey’); the wording and focus (changed slightly for another ‘Approaches and challenges of Technology’). The final two themes became more distinct: ‘Feeling connected and understood’ became ‘Value and learning from social connections’; ‘Drivers of Progress’ became specifically, ‘The central role of the supportive therapist relationship’. Of the final 20 sub-themes, 6 were identical from phase 1 to phase 2, 9 changed wording or focus, and 5 were new in phase 2.

Figure 1 provides a representation of the organization of the core themes. The initial theme captures the experience of (i) starting the SlowMo Journey. The inner two themes, depicted in orange, reflect core and unique elements of the SlowMo therapy as perceived by service users: (iii) Slowing themes down and, (iv) Value and learning from social connections. The two flanking themes, (ii) Central role of the supportive therapist relationship and, (v) Approaches and challenges of technology, emphasise the critical connections with both therapist and technology in leading to the therapeutic outcomes of (vi) Improvements in Paranoia and Wellbeing.

Supporting quotes for all themes and sub-themes are provided in Table 2.

1. Starting the SlowMo Journey

People described that the SlowMo therapy was something offered and encouraged by clinicians. It felt like an opportunity to try something new and potentially helpful. It created a mix of emotions. Some people described hope and readiness, especially if they felt they had been stuck with their experiences for a long time. Other people felt nerves and uncertainty about meeting someone new, and if they struggled with voices and anxiety. Importantly, no nerves or uncertainty were expressed in relation to use of technology. For many, this was their first therapy experience.

1.1. Reasons for Starting SlowMo – Starting SlowMo felt like an opportunity offered by clinicians, as opposed to being sought by patients; as well as being an opportunity for help; and linked to feeling stuck and a desire to take part in research.
1.2. **Feelings before starting** – Service users described feeling nervous and uncertain, but also open, willing and ready for new experiences as part of the therapy.

1.3. **Voices and anxiety as barriers** – Some symptoms, and specifically voices and anxiety, were barriers to starting SlowMo.

**2. Central Role of Supportive Therapist Relationship**

People emphasised the importance of human interaction, of talking and being listened to by someone who was friendly and trusted, as opposed to only interacting with a computer which was thought would be ineffective. The therapist was perceived as crucial in enabling access to both the therapeutic processes and the technology.

2.1. **Importance of talking and being listened to**– Some people emphasized the specific value of talking and being heard.

2.2. **A positive therapist relationship** – Some people emphasized the importance of non-specific therapy skills such as warmth, empathy, and trust as part of their positive relationship with the therapist.

2.3. **Therapist as a supportive guide** – Some people valued the therapist being flexible, and providing clear explanations, and support to aid engagement with both the therapy and the technology. The therapist supported people to use the technology in and out of the therapy sessions, and the computer content in turn supported the therapist.

**3. Slowing things down** - the central concept of slow and fast thinking was helpful; and learning a new skill was valued and integrated into thinking styles, through practice over time; but more cognitively able participants found the intervention to be too slow and proposed that delivery speed be adapted.

3.1. **Slow and Fast thinking are relevant and helpful** – Some people related to the idea that they were thinking too quickly, and needed to slow down and not jump to conclusions. Slowing down helped some people to calm down and was useful outside of therapy.

3.2. **Learning a new thinking skill set** – Some people described that they had learnt how to slow down
their thinking.

3.3. **Practice integrates the slow-thinking style** – Some people described a need to practice the slow-thinking style, and to build the habit of slowing their thinking down, over time.

4. **Value and Learning from Social Connections**

Some people talked about feeling a connection with the vignette video characters, who were viewed as peers. These connections were normalizing and helped people to feel less isolated. However, the impact went beyond normalizing, in that people described trying to emulate how they had seen the video characters responding to their own experiences.

4.1. **Vignettes and videos help to feel less isolated** – people described how they had related to the SlowMo vignettes and learnt that they were not alone, which made them feel less isolated.

4.2. **Learning and support through vignettes and peers** – people learnt from and were inspired by the SlowMo vignettes and video stories from peers, and talked about ‘learning from these 3 people.’ They valued the support from others with lived experiences but also wanted a greater range of vignettes.

5. **Approaches and Challenges of Technology**

5.1. **Use of technology to support positive engagement with the therapy** – the phone app was seen as a tool to aid connectedness in daily-life; the thought bubble contents were seen as guides to thinking; and the computer scenarios and games were seen as learning tools.

5.2 **Cognitive demands of blended therapy as therapeutic, or overwhelming.** For some people the combined cognitive and sensory demands of the blended therapy approach were seen as stimulating and therapeutic, whilst for others these were seen, at times, as overwhelming.

5.3 **Personal relationship with the app** – Relationships with the phone app changed over time. Paranoia and self-consciousness were barriers to use in public for some; the app was described as like a best friend for others, but people gradually moved from the app to memory. For some, the app was insufficient support on its own when therapy ended, and they wanted more face-to-face sessions or to take part again.

5.4. **Challenges to using technology** – A variety of challenges and issues with technology were described including a lack of interest in technology, limitations of the app interface or due to needing a
second phone. Technical issues were noted; and improvements suggested including larger fonts, colour animations, a ‘check in’ rating for how you’re feeling and written instructions on how to use the phone.

6. **Improvements in Paranoia and Wellbeing** – Different people reported various different ways in which they experienced improvements in their paranoia and wellbeing, which they attributed to the therapy.

6.1. **Decreases in paranoid thinking and in worry** – some people described decreases in paranoia or worry, or described seeing things more clearly.

6.2. **Increased engagement with social life** – some people described that they were able to go out more, take up new leisure activities, see more people and generally increase their engagement with their social life following the therapy.

6.3. **Increased confidence and perseverance** – others described feeling more confident and determined to get on with their lives.

6.4. **Support with other mental health difficulties** – people also described impacts on a variety of other mental health issues including anxiety, stress, panic attacks, voice hearing, and depression.

6.5. **Positive view of the future** - finally, several people talked about having a more positive outlook as a result of the therapy.

**Discussion**

This study provided an in-depth exploration of the subjective user experience of SlowMo therapy and generated insights to aid future development and support implementation. The 6 core themes captured (i) the experiences of starting the SlowMo journey; (ii) the central role of the supportive therapist as a guide to accessing the therapy and technology; (iii) the approaches and challenges in the use of the technology; (iv) key features of the therapy including slowing things down, which was learnt and internalized through time and practice; and (v) the value and learning achieved through relating to the vignette characters, which helped to normalize experiences and model coping strategies. Finally, (vi) positive impacts of the SlowMo therapy were reported for paranoia, worry, other mental health difficulties, engagement with social and daily life, confidence, and a positive outlook for the future.

Primary reasons for starting the SlowMo therapy were often a sense of feeling stuck and an opportunity for help. One peer researchers noted that ‘people on the SlowMo trial had not generally been offered
any other therapies’. Some of the quotes make it clear that problems had never been discussed before.

Consistent with other blended therapies (Vernmark et al., 2019), the presence of the therapist during the session was viewed as central to the process. The therapist was seen as crucial in bridging the link between the service user and the technical features of the app, which in turn led to more favourable experiences of the technology, cementing the triangle of alliance (Cavanagh, 2010). The majority opinion was that the digital component of the therapy augmented the rich therapeutic relationship, as opposed to the app being seen as central (Aref-Adib et al., 2019). This is supported by a recent systematic review which found that when peer-to-peer interactions on mHealth apps were not moderated by clinicians or researchers, the retention rates slipped from very high (94.5%) to very low (14%), highlighting the role of therapist in improving adherence (Biagianti et al., 2017). Importantly in the current study, participants also described a relationship with the phone app itself. The app reminded participants of the learning gained in therapy and became a ‘best friend’ for one person.

As therapy progressed, multiple participants in this sub-study, found that the interactive multimedia features of the vignettes made them feel more connected and understood, and less isolated in their experiences. Studies have shown that participants enjoy digital platforms which are tailored, personalized, and communicative (Berry et al., 2016). Some participants learned and retained their therapy skills better by observing the animated vignettes, and several participants requested further tailoring through a greater variety of characters, covering a broader set of worries that occur in paranoia. This experience of viewing others who are coping with similar experiences to oneself is an important factor that enhances acceptability and engagement with interventions (Biagianti, Quraishi, & Schlosser, 2018).

Many participants recognised the importance of slowing down thinking, and were able to modify their thinking style to be more flexible and to seek more information. This is consistent with the main RCT finding that the SlowMo therapy increased belief flexibility and slow thinking compared to treatment as usual (Garety et al., 2021).

The within-app thought bubbles helped to develop skills to slow down thinking, and were an accessible resource which offered coping strategies. Participants were more likely to use the app earlier in the therapy, when paranoia was arguably more acute, with use appearing to reduce as participants’ mental state improved, and new thinking processes became internalized. This is consistent with the concept of e-attainment of personal goals, when these have been sufficiently supported (Sanatkar et al., 2019).

While SlowMo offers a normalising, supportive platform for participants, some described that
suspiciousness and pre-existing views towards technology might affect use. This is consistent with previous reports (Aref-Adib et al., 2019), although importantly, baseline paranoia did not predict adherence to or self-reported user experiences of the SlowMo app (Hardy et al., 2021). Stigma surrounding mental health continued to be a barrier especially for people suffering from paranoia, who on occasion felt self-conscious when using the app in public. Participants also described technical challenges, as expected given the trial tested a working prototype (minimal viable product) of SlowMo therapy (Hardy et al., 2018). Technical recommendations have been integrated into a product specification for an updated version of SlowMo therapy; including improved syncing of content from computer to mobile app, increased font size, additional instruction guide (on-boarding) for use of the mobile phone app, and coding to enable cross-platform use of the mobile app. These recommendations are consistent with previously published recommendations to support implementation of digital health interventions, whereby interventions that are adaptable to users’ needs and available on participants’ own phone led to better engagement (Aref-Adib et al., 2019).

Lastly, participants reported improvements in paranoia, worry, confidence, distress, outlook, and social life, mirroring the quantitative results from the main trial which showed positive impacts of the therapy on paranoia and worry alongside other well-being, self-concept, and quality of life outcomes (Garety et al., 2021). The therapy proved to have far-reaching impacts: participants mentioned enhanced social lives, and improved co-existing conditions, in keeping with the broad pattern of improvements across secondary outcomes reported in the main trial. Participants reported increased self-confidence and better management of other stresses, which is consistent with the use of technology to promote a sense of autonomy, and for mobile phone apps to offer real-time help (Bucci et al., 2018a).

To conclude, participants of the SlowMo therapy reported a positive experience of the digitally supported therapy, reductions in paranoia and improved overall well-being. This was linked to feeling understood, relating to vignettes, accepting and learning a new slow thinking style, and being supported by a therapist to reinforce their learning through the therapy sessions and mobile phone app use.

Strengths and Limitations

This is the first study to gather detailed personal and contextual information to aid understanding of the factors influencing subjective user-experience of a specific blended digital therapy for paranoia. The data was gathered from a representative sample of over 12% of all participants randomized to SlowMo therapy. Peer researchers co-delivered the study, conducted all interviews with participants, and co-produced the final thematic analysis, which it is hoped, enhanced the robustness of the results and the validity of the service user perspective. A number of steps were taken during the course of the analysis.
to enhance the overall rigor of the study and limit sources of bias. The initial coding was conducted by an independent researcher, with multiple coding and triangulation to reach a consensus on the theme structure. Regular meetings involved a diverse mix of professionals, and peer researchers to ensure that participants’ responses were considered from a variety of viewpoints.

The participants recruited in previous qualitative studies (e.g. Aref-Adib et al., 2016; Bucci et al., 2018b) were mostly young, digital-natives with a mean age of 28 and 26 years respectively. A systematic review found that younger ‘at risk’ or first episode psychosis individuals used internet and mobile technologies for their mental health difficulties more frequently than those with longer term psychosis (Killikelly et al., 2017). The mean age of SlowMo participants was 45, thus a notable aspect of the current study was the broadly positive experience of blended therapy in this older age group. This is further supported by a linked study which showed no impact of the digital divide, as neither age, ethnicity nor paranoia impacted adherence to or user experience of the SlowMo mobile app (Hardy et al., 2021).

Limitations included the limited sampling of participants from one site, and limited ethnic diversity, in this qualitative study, especially from black ethnic groups, who reported lower computer access, smartphone use and confidence prior to therapy in a linked study (Hardy et al., 2021). In addition, only 4 participants (18%) were female. The diversity of the sample with respect to digital literacy, digital access, socio-economic status, and cognitive ability was not investigated in this qualitative study, although it was investigated in the linked SlowMo study (Hardy et al., 2021). Although participants were invited consecutively, it is unclear whether those who agreed to take part were those who were more positive about the therapy. Finally, the derived themes reflected a majority view of the participants in this study, but did not necessarily reflect the views of all participants in this study or indeed in the main trial.

Conclusions

These findings offer valuable insights into participants’ experiences with SlowMo therapy. Importantly, many participants described feeling stuck prior to starting the therapy. They valued the central role of the supportive therapist who guided them through the therapy, and the use of the technology. They described that key concepts of slow and fast thinking were helpful, and they valued learning from the connections with the vignette characters. The relationship with the mobile phone app was experienced positively. Furthermore, the integration of the slow thinking style over time in a form of e-attainment (whereby technology has sufficiently supported the attainment of therapy goals or skills) may have contributed to the subjective improvements in paranoia, wellbeing, and social integration, and reductions in worry, stress, and depression. In this respect, the ‘triangle of alliance’ between service
user, therapist, and digital platforms appeared to be highly effective, and there was a clear sense of a shared bond, goals, and tasks to support improved paranoia and mental well-being. In future, blended therapies for psychosis may benefit from a wide variety of true stories and experiences on which service users’ could model their recovery, to optimize impact. Important reflections were provided on the less visible personal and social barriers that affect uptake of digital therapies such as the need for further instructions on how to use mobile phone apps, preferences for using apps on one’s own phone, and the impact on usage pattern when symptoms become acute. This study in combination with the quantitative user experience study (Hardy et al., 2021) provides critical information to support the development of the next iteration of the SlowMo and other blended therapies for future implementation in clinical practice.
## Table 1: Participant Demographics

<table>
<thead>
<tr>
<th></th>
<th>Age</th>
<th>Gender</th>
<th>Highest Education</th>
<th>Working Status</th>
<th>Living Situation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sussex</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S1</td>
<td>20</td>
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</tr>
<tr>
<td>S2</td>
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<td>Others</td>
</tr>
<tr>
<td>S3</td>
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</tr>
<tr>
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<tr>
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<tr>
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<tr>
<td>S10</td>
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<tr>
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<tr>
<td>London</td>
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<td></td>
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<td></td>
<td></td>
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<tr>
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<td>Parents</td>
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<td>L17</td>
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<td>Alone</td>
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<td>L18</td>
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</tr>
<tr>
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<td>Alone</td>
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<td>Relatives</td>
</tr>
<tr>
<td>L21</td>
<td>63</td>
<td>F</td>
<td>Secondary (O/CSE)</td>
<td>Unemployed</td>
<td>Alone</td>
</tr>
<tr>
<td>L22</td>
<td>54</td>
<td>M</td>
<td>Secondary (O/CSE)</td>
<td>Unemployed</td>
<td>Alone</td>
</tr>
</tbody>
</table>

Ethnicity and marital status data have been removed to preserve anonymity for people who may have been in a minority status in a particular site.
Figure 1. The structure of qualitative experiences of SlowMo

- Starting the SlowMo Journey
- Central role of supportive therapist relationship
- Slowing Things Down
- Value and Learning from social connections
- Approaches and challenges of technology
- Improvements in paranoia and well-being
| 1. Starting the SlowMo Journey | 1.1 Reasons for starting SlowMo | S8: ‘Oh mainly, cause I wasn’t getting anywhere, my illness or whatever, has been on the same tablets for a long time. I wasn’t getting anywhere so I thought I might try something’ |
| | | L17: ‘It was [CPN] that got me to do it, she came to my house then she showed me this leaflet. She said, You’ve got a 50/50 chance of doing it, would you like to?, I said, “I’ll try, I’ll have a go,”’ |
| | 1.2 Feelings before starting | L21: ‘I was nervous, very nervous. I didn’t have no confidence, so I have now…’ |
| | | O14: ‘Apprehensive. Meeting with people I didn’t know’ |
| | | O13: ‘I am eager to explore new opportunities as well, so that kind of made me go for it.’ |
| | 1.3 Voices and anxiety as barriers | S10: ‘It was daunting at first, cause it was the first time I’d actually spoken about them yeah. The way I felt with my voices. Basically it took me a good 10 minutes to listen to what she was saying because my voices were telling me not to listen’ |
| | 2.Central role of supportive therapist relationship | 2.1 Importance of talking and being listened to | L16: ‘Just being able to talk about my problems and focus on them and just come up with genuine ideas’ |
| | | O13: ‘I found the talks we had …most invaluable. I thought that was amazing …actually having someone to talk to when we were going through it.’ |
| | 2.2 A positive therapist relationship | L21: ‘He made me really relaxed. Any problems I had, I could talk to him, which I don’t usually … So things came out that I haven’t told anybody’ |
| | 2.3 Therapist as a supportive guide | S4: ‘I trusted her and felt comfortable with her. She explained everything very clearly… she was very sensitive towards my feelings when I was struggling …and with the computer she just helped me to see things more clearly.’ |
| | | O13: ‘I think if it was just the computer, then again it wouldn’t work, I think you need that interaction as well… I had one bad day where I just couldn’t focus and that was just really bad. But then I had someone who was really understanding about that, and that made all the difference, and I didn’t feel like too pressurised. I could learn at my own pace’ |
| 3. Slowing things down | L21: ‘Never used a computer, but I learnt with [therapist]’  
S5: ‘The computer was really there to support the face-to-face talk. Uhm. It seemed to me that the therapy had been done so that it gave equal problems to the face to face therapy and computer therapy…. I preferred in some ways more emphasis on the face to face … if it’s more psychological therapy which involves emotions… having a computer may sort of negate that, make it feel bland. Uhm. But in the way it’s done with [therapist], it seemed to work quite well’ |
| 3.1 Slow and fast thinking are relevant and helpful | L18: ‘It was very introductory kind of thing. I felt maybe quite appropriately it was quite slow actually to get to the juicy part if you like. And [therapist] would say I was often ahead of the project, ahead of the sessions because I was thinking of things that were going to be introduced later on. So …for someone who is sort of getting to grips with it a bit quicker it could be condensed or you could introduce sort of the more advanced part earlier on.’ |
| 3.2 Learning a new thinking skill set | L17: ‘I don’t worry so much, it’s my neighbours, they make me stressed and then I’ll say, “No, I’ve got to slow down.” You have to, because if not, if you carry on, you make yourself ill and you’ll land up in hospital ’  
O14: ‘I always insisted on going on … a split-second decision …, which is basically fast thinking. I was trained to always look out for the worst case scenario … SlowMo slow thinking wasn’t difficult, but it was different … I found that using that where I live, all those idiots in the other blocks, if you think through possible other scenarios and then think, “I don’t actually know those people and they don’t know me, so they can’t be talking about me,” whereas prior to SlowMo I would think, “Why are they talking about me? What’s going on?” and that would stress me out really badly’ |
| 3.3 Practice integrates the slow thinking style | L21: ‘It was very hard because I think quickly, but I slowed it down and I’ve learnt how to do that now’  
S8: ‘Sometimes you have to do it 3 or 4 times and try. It takes a while to get off what you are thinking cause the feelings are quite strong’  
L18: ‘Instead of just believing and trusting in that fast-thinking conclusion that I have arrived at, there’s been more of an interaction on my part to counteract it’ |
with slow thinking... It was much closer to the end of therapy, I was quite actively engaging in slow thinking, quite often.

4. Value and learning from social connections

<table>
<thead>
<tr>
<th>4.1 Vignettes and videos help to feel less isolated</th>
</tr>
</thead>
<tbody>
<tr>
<td>L20: ‘I was hearing other people's like feedback and ... some of what they said sort of related to me a little bit...it was just helpful because some of the stuff they were saying sort of, it happened to me before ... so, yeah it was, I just kind of relate to it sort of”</td>
</tr>
<tr>
<td>S1: Well just watching the videos and erm seeing like the people, I wasn’t alone, because young people like myself or younger than me or older than me does err have mental health, like I’m not the only one”</td>
</tr>
</tbody>
</table>

4.2 Learning and support through vignettes and peers

| L17: ‘I’m trying to do what the lady did, he showed me a video of this lady, she has the same problem as me and now when I was watching it, she goes out and comes in and don’t let her neighbours worry her and I’m trying to do the same, I’m trying’ |
| S7 : [What made the most difference?]’Erm I think the voices of real people. As soon as I left therapy every time, it’s stuck in my head you know. So if I get into that situation I try to rethink it the way that SlowMo taught me really, how to do it” |
| O14: ‘Yeah, so ... with the three people, it’s a bit limited with what happened to them. I think there is an awful lot more situations that people undergoing problems are confronted with and maybe you could actually put those into the software ... expanding it, make it sort of like a broader selection of situations and scenarios” |

5. Approaches and Challenges of technology

<table>
<thead>
<tr>
<th>5.1 Use of technology to support positive engagement with the therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>L15: ‘Before I go out, check phone, then leave, pop the bubbles, slow down. I used it every day, not using it now. The tips helpful and personal message when have worries and message come up, worked as reminder’</td>
</tr>
<tr>
<td>S10: ‘The phone actually helps when you’re on the bus ... if I start getting agitated about who’s looking at me, and who’s not looking at me yeah, I just start playing with the bubble’</td>
</tr>
<tr>
<td>L16: ‘Every day if I go out, I always do what I need to do on it, like take my deep breaths and get me encouraged to go out... that phone is always with me when I’m out. If I stop, I use it as well’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5.2 Cognitive demands of blended therapy as</th>
</tr>
</thead>
<tbody>
<tr>
<td>O13: You have got someone who is caring and understanding, but then you have got the visual and the video. And the things that might be passing</td>
</tr>
</tbody>
</table>
therapeutic or overwhelming through your mind ... you need to sort of hit as many as possible to try and calm me down, so if you have got all of those stimulated by like looking and feeling, and then you are almost touching as well, it’s very engaging’

S12: just looking at the computer and erm, and also listening to [therapist], I mean, erm, it was quite, it was understanding what was on the computer with like all the cases they had, of the different [scenarios]... probably nearer to the end, my brain just totally, you know, shut down’

| 5.3 Personal relationship with the app | S8: It’s difficult for me ... yeah I always felt a bit of conscious somebody might be coming along and looking over your shoulder
L21: That’s right, that is my best friend’
S5 - I don’t find I need to use it so much now.
S3: Even though I don’t look at the phone, I just remember about slowing down
S4: It’s a shame that the therapy can’t carry on for longer. Once I stopped I felt there was something a bit missing, which is why I’m looking into taking up something now. |

| 5.4 Challenges to using technology | S9: I have bought things like iPod’s and Nintendo but I know the main thing is the smart phone but it’s too much technology for me. I can’t really be bothered to take the phone out with me”
L18 – ‘I had my own phone and I didn’t want to go around carrying two phones’
S12: yesterday I tried to look up a few apps on SlowMo and sometimes I was trying to find something about err feeling insecure about something and I tried to find the answer that I gave myself, but I found that a little bit difficult’
L19 – ‘umm I did find when I wrote things for the bubbles, the type was a bit big and when the bubbles got smaller I couldn’t read everything it said.’ |

| 6. Improvements in paranoia and wellbeing | S10: ‘Well the paranoia has dropped quite a bit yeah. I’m not as extremely paranoid as I used to be’
L21: I’m a worrier, but now I’m not a worrier as much as I was.. it slowed me down quite a lot.
O13: ‘you do think everybody is talking about you, I mean that was the big thing that I took from it. It just made me think, “Hang on a minute, get a grip, it’s not |
| 6.2 Increased engagement with social life | L21: ‘I never used to go out, you see, and I go out on my scooter now, with confidence. Before I wouldn’t, I always thought people were going to attack me and I don’t feel like that now’

L15: I was not going out, not taking bus, at home all the time, walking. After 2/3 months, took the bus. Bike made me feel better and I start working’

O13: ‘I started up my art classes. I used to do a lot on my own, but now I go to other people for more structured art classes’

L18: ‘I suppose my social life has improved. It’s made me more comfortable around people. I’ve met more people and done more things I would say. Like just going to the movies, chilling or playing video games’ |
| 6.3 Increased confidence and perseverance | L22: ‘I’m more confident. If I hear something I just brush it under the water, slow thinking for me you know.’

L17: When I do my housework and they bellow at me, “Stop doing, stop doing, we didn’t tell you to do it,” I just carry on doing it. I thought, “No, I’m going to carry on doing it.” |
| 6.4 Support with other mental health difficulties | S12: ‘It’s teaching me to not sort of stress so much. Not, you know, not to get over-anxious about stuff’

S4: ‘This is the first time in 5 years as I haven’t been in hospital with my depression and psychosis. So I think it’s really made a difference. Normally I am in hospital 3 or 4 months a year’ |
| 6.5 Positive view of the future | S10: ‘Before SlowMo I was doomed yeah but now I’ve got a bit more positive outlook yeah. I can actually live a bit of life’

O13: ‘I was like, “I’m a weirdo, a nutter,” all that kind of thing, and then you realise that there is a lot of people in the same boat, and there is a lot of nice people out there. It just gives you a more positive outlook’ |
References


Bucci, S., Morris, R., Berry, K., Berry, N., Haddock, G., Barrowclough, C., ... Edge, D. (2018b). Early Psychosis Service User Views on Digital Technology: Qualitative Analysis. JMIR Mental Health, 5(4),


Freeman D, Pugh K, Dunn G et al., An early Phase II randomised controlled trial testing the effect on persecutory delusions of using CBT to reduce negative cognitions about the self: The potential benefits of enhancing self confidence. Schizophr Res. 2014;160(1-3);186–192.


Lopez A, Schwenk S, Schneck CD, Griffin RJ, Mishkind MC. Technology-Based Mental Health Treatment and the Impact on the Therapeutic Alliance. *Current psychiatry reports 2019;21:*76.


GUIDANCE FOR PPI RESEARCHERS. Below is an introduction to the interview and a set of questions for you to ask. All of the questions are guidance for what you might say to a service user in an interview. The bold questions are important to ask and remaining questions are prompts that you might find helpful, dependent on what the person has already told you.

INTRODUCTIONS: The following questions ask for your opinions about what it was like for you to attend SlowMo therapy sessions with [therapist name]. Your responses will be used to help us to understand more about what it is like to do this new therapy and how it might be improved. So first we’re just going to talk in general about the SlowMo therapy.

Warm-up Question

Could you tell me a little about your reasons for/why you decided to take part in the SlowMo therapy?

➢ Why did you take it up now?

How were you feeling when you thought of starting your first sessions? [Explore: positive feelings/worries/anxiety?]
Use of technology in session (computer) / outside sessions (mobile phone app)

How did you find using the computer in sessions?

➢ In what ways was it helpful/less helpful?

So the therapy gave you a smart phone, how did you feel about using it? Did you use it?

➢ If yes why (positive feelings) and if no, why not? What put you off or stopped you (worries/concerns/suspicions)?

➢ How did you feel about using a smartphone (if you don’t have one) or the SlowMo phone (if you do have one)?

Did you use the SlowMo app on the phone?

➢ If yes: how did you find it? How often did you use it? Are you still using it?

➢ In what ways was it less helpful?

➢ Were there any barriers/obstacles to using the app? (practical worries/technology worries)

How could your experience of using the computer / mobile phone app be improved?

Your Therapist

How did you find working with the therapist?

➢ How important was the relationship with the therapist?

How could your therapist improve the experience of therapy?
Reflections On Therapy Sessions

What did you think about the SlowMo approach overall?

What did you think about the focus on fast and slow thinking?

➢ How relevant was it to your worries?
➢ What did you think about the interactive stories and games? the amount of sessions and how long they lasted for?

Have you noticed any changes in dealing with your worries since having the therapy?

Is there anything that you’re still using from the therapy, in your daily life? If so, what?

Final Questions / Experience Of Taking Part

Would you make any changes to...

➢ The computer app? The mobile phone app?
➢ Is there anything missing? Is there anything you would change?

Looking back at the therapy, what made the most difference for you?

Was there anything you particularly enjoyed or didn’t like about SlowMo therapy?

How do you see things now that you’ve had therapy?

What would you say to someone who thinking about trying SlowMo therapy?