PROFESSIONAL DOCTORATES

Listening to the Voices? How relationships with voices change over time, and developments in therapeutic interventions for voice-hearing.

Bigglestone, Rebecca

Award date:
2019

Awarding institution:
Bangor University

Link to publication
Listening to the Voices?

How relationships with voices change over time, and developments in therapeutic interventions for voice-hearing.

Rebecca Bigglestone

North Wales Clinical Psychology Programme

This thesis is submitted in partial fulfilment of the regulations for the

Doctorate in Clinical Psychology

June 2019
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Acknowledgements

Firstly I would like to acknowledge and thank the participants who contributed to this thesis. They were overwhelmingly generous with both their time and their stories. They opened a window for me, and hopefully those who read this thesis, onto their experiences of voice-hearing relationships.

I would like to thank both my supervisors for this project, Dr Mike Jackson and Dr Rachel Skippon. They have been patient, supportive and encouraging, and generous with both their time and knowledge. I could not have written this thesis without them.

I have to thank my family, my Mum and Mike (stepdad), Dad, and sister, Sarah. They have all fielded phone-calls full of doubt, and unfailingly offered the right words of support and encouragement. They have offered endless emotional and practical support. I could not have kept going without them.

Finally I would like to thank my friends and cohort, who, largely through the reach of fb, have cheered my successes, and encouraged me when I have struggled, and have collectively, and without fail, at all times of night and day, answered every request for help I have made.

For most of my journey through this, although cognitively I knew I could, I did not really believe, that I was able to write this thesis. But there were times when I neither knew nor believed I could do this. At those points, the people around me, believed for me. And their belief enabled me to keep going.
Declaration

I hereby declare that this thesis is the results of my own investigations, except where otherwise stated. All other sources are acknowledged by bibliographic references. This work has not previously been accepted in substance for any degree and is not being concurrently submitted in candidature for any degree unless, as agreed by the University, for approved dual awards.

Yr wyf drwy hyn yn datgan mai canlyniad fy ymchwil fy hun yw’r thesis hwn, ac eithrio lle nodir yn wahanol. Caiff ffynonellau eraill eu cydnabod gan droednodiadau yn rhol cyfeiriadau eglur. Nid yw sylwedd y gwaith hwn wedi cael ei dderbyn o’r blaen ar gyfer unrhyw radd, ac nid yw’n cael ei gyflwyno ar yr un pryd mewn ymgeisiaeth am unrhyw radd oni bai ei fod, fel y cytunwyd gan y Brifysgol, am gymwysterau deuol cymeradwy

Signed:__________________________________ Dated:____________________
Listening to the Voices?

How relationships with voices change over time, and developments in therapeutic interventions for voice-hearing.

Abstract

This research project investigated voice-hearing as an experience, and the interventions aimed at supporting people who struggle with hearing voices.

A systematic review of the literature surrounding voice-hearing interventions was undertaken. It found a wide range of different interventions, but a limited evidence-base supporting them. Different approaches to voice-hearing were identified, and a continuum posited, whereby voice-hearing approaches ranged from regarding voices as something to be ‘managed’, to considering them something to be ‘engaged with’. Different models of intervention were investigated: Cognitive, Relational, Mindfulness-based, and what the author termed a Meaningful Experience model. Goals of these different interventions were identified, and a superordinate goal of reducing voice-hearing distress noted. Therapeutic methods and change-mechanisms were identified. It was noted that a continuum exists whereby approaches to voice-hearing, and intervention methods move ‘away from’ the voices, seeing them as something to be ‘managed’, or ‘towards’ the voices, seeing them as something to be engaged with. A relationship between approaches towards voice-hearing, and intervention methods seemed apparent.
Listening to the Voices?

The research project investigated how voice-hearing relationships change and develop over time. Seven participants were interviewed. Narrative Analysis was used to analyse the transcripts, considering plot, coherence, characterisation and cultural positioning. A prototype ‘story-arc’ was created against which participants relationship developments could be mapped. There were six ‘chapters’ and an ‘epilogue’: First Experiences; Into the Chaos; Meet the Neighbours; The Unwanted Visitor; Turning points; and Making Friends. There appeared to be a relationship between narrative coherence and positive voice-hearing relationships. The importance of access to positive voice-hearing narratives and cultural positions appeared important both in terms of encouraging the development of positive voice-hearing relationships, and in increasing the sense of agency of the voice-hearer.
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Literature Review

Approaching the Voices: What does the literature tell us about developments in therapeutic approaches to voice hearing over the past ten years?

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Authors’ guidelines are available on: https://onlinelibrary.wiley.com/page/journal/20448341/homepage/forauthors.html
(last accessed 23/05/19)
Abstract

This systematic review investigates the different therapeutic approaches to voice-hearing interventions that have developed over the past decade. It investigates the level of evidence-base and quality of research for different types of intervention, finding that there is more breadth than depth, with ‘novel therapies’ existing alongside more ‘traditional’ therapies. It considers views of voice-hearing, and places them into four approaches, where voices are something to be: managed, accepted, related to assertively, or engaged with as meaningful. The wide range of therapies available is considered, and therapies are put into four categories depending on the underlying therapeutic model that informs the intervention: Cognitive, Relational, Mindfulness-based, and Meaningful-experience.

Differing therapeutic goals are considered across the four categories, and a superordinate goal of reducing voice-hearing distress identified. Intervention methods and change-mechanisms are discussed, and qualitative research is considered in relation to how it can better inform understanding of change-mechanisms across different interventions. Parallels between views of voice-hearing and intervention techniques are considered, along with parallels between voice-hearers ‘moving closer’ to voices, and therapists ‘moving closer’ to working with voice-content. Clinical and research implications are discussed.
Approaching the Voices: What does the literature tell us about developments in therapeutic approaches to voice hearing over the past ten years?

Background

Voice-hearing has been described as ‘hearing voices’ “in the absence of an external stimulus ... usually beyond the control of the person experiencing them” (Slade & Bentall, 1988). Estimates of the rates of voice-hearing in the adult UK population range from 0.8% (Birchwood et al., 2011) to between 2 – 10% (Kay et al., 2017). Voice-hearing ranks amongst the most prominent of treatment-resistant symptoms of psychotic experiences, (Birchwood et al., 2011).

There has been a widening of approaches to voice-hearing over the past decade. This is evidenced by the types of interventions, therapies, views of voice-hearing, and the different intervention targets now in existence. The treatments that have emerged over the past decade have their theoretical underpinnings rooted in these different approaches. This is reflected in the treatment approach and delivery. Thomas et al. (2014), have provided an excellent review of the emerging treatments for voice-hearing, including comprehensively reviewing the efficacy of the different therapies. They also signposted important directions for future research. The first of these was, “that the efficacy trials conducted to date and reviewed in recent meta-analyses, appear to have been quite limited in informing the specifics of how therapies should be applied to voices,” (Thomas et al., 2014, p205). It is into this space that this review aims to fit. It aims to systematically describe the range of approaches to voice-hearing, clarifying what the current state of the research and evidence for different approaches is. It will not include reviewing the efficacy, as Thomas et al. have
Listening to the Voices?

done so already, and there is not enough new research from 2014 – 2018 to render this a useful addition. It will go on to identify the main components of the therapeutic approaches, considering:

- How the therapies relate to, or view, the voice-hearing experience;
- The goals of the therapies;
- An overview of therapeutic techniques employed, and the mechanisms of change;

Given the constraints of this review, it is not possible to describe in detail the techniques used in every individual therapy included in the review, or specific goals of each intervention researched.

**Method**

In order to identify changes and developments in therapeutic interventions for voice-hearing over the past decade, a systematic review was undertaken of articles published since 2008.

A focused search was undertaken as described below (Table 1). It is the information from this search that was used for the PRISMA diagram (Figure 1) below.

*Table 1: Search Parameters for Systematic Review*

<table>
<thead>
<tr>
<th>Search type</th>
<th>Databases searched</th>
<th>Terms used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focused Search from 2008-2018</td>
<td>PubMed, PsychInfo and Web of Science</td>
<td>Search titles only: (“hallucinations” and “auditory”) or (voice hear*) (Schizo* &amp; Therap*), (Counsel* &amp; schizo*), (Hallucin* &amp; schizo*), (AVATAR &amp; schizo*), (AVH &amp; schizo*), (AVH &amp; psychosis), (AVH &amp; therapy), (Counsel* &amp; psychosis), (Counsel* &amp; psychotic), (Computer* &amp; psychotic), (Computer* &amp; psychosis), (AVATAR &amp; psycho*), (Hallucin* &amp; psychosis), (Hallucin* &amp; psychotic), (Hallucin* &amp; therap*), (Voice &amp; Hear*),</td>
</tr>
<tr>
<td>Wider search from 2008-2018</td>
<td>Bangor University library “search all” facility</td>
<td></td>
</tr>
</tbody>
</table>
The wider search returned 3214 records with 530 titles of interest. Many of these were duplicates of returns from the focused search. Ultimately 17 extra papers were identified, which formed the majority of the 21 “other records identified”.

**Inclusion Criteria:**

Papers that reported research on therapeutic interventions that directly relate to voice-hearing. This included case-studies, case-series, open studies, and Randomised Controlled Trials (RCTs).

**Exclusion Criteria:**

Papers that researched therapeutic interventions for psychosis / schizophrenia, as a broader phenomenon.

*Figure 1: Prisma Flow Chart of Systematic Search*
Listening to the Voices?

Results

Forty-seven papers were identified which can be classified as below (Table 2).

Table 2: Types of Research Identified

<table>
<thead>
<tr>
<th>Research Type</th>
<th>Number of Papers</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Randomised Controlled Trials (RCTs)</td>
<td>12</td>
<td>Birchwood et al., 2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chadwick et al., 2009</td>
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<td></td>
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<td>Craig et al., 2018</td>
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<td></td>
<td>du Sert et al., 2018</td>
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<td></td>
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<td>England, 2008</td>
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<td></td>
<td></td>
<td>Hayward et al., 2017</td>
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<td></td>
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<td>Hazell et al., 2018</td>
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<td></td>
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<td>Leff, et al., 2013</td>
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<td>Penn et al., 2009</td>
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<td>Shawyer et al., 2012</td>
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<td>Schnackenberg et al., 2017</td>
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<td></td>
<td></td>
<td>Van Der Gaag, et al., 2012</td>
</tr>
<tr>
<td>Open/pilot studies (non-randomised)</td>
<td>4</td>
<td>Dannahy et al. 2011</td>
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<tr>
<td></td>
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<td>Gottlieb et al., 2013</td>
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<td></td>
<td></td>
<td>Louise et al., 2018</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shiraishi et al., 2014</td>
</tr>
<tr>
<td>Case Series</td>
<td>5</td>
<td>Carter and Wells, 2018</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hayward et al., 2009</td>
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<tr>
<td></td>
<td></td>
<td>Ison et al., 2014</td>
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<td></td>
<td></td>
<td>Mayhew and Gilbert, 2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ruddle et al. 2014</td>
</tr>
<tr>
<td>Case studies</td>
<td>11¹</td>
<td>Barrowcliff, 2008</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cichocki et al. 2016</td>
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<tr>
<td></td>
<td></td>
<td>Dellazizzo, du Sert et al., 2018²</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dellazizzo, Potvin et al, 2018²</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Paulik, et al., 2013</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Salvatore, et al., 2016</td>
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<td></td>
<td></td>
<td>Singer and Addington, 2009</td>
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<td>Stefaniak et al. 2017</td>
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<td></td>
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<td>Taylor, et al., 2009</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Veiga-Martinez, 2008</td>
</tr>
<tr>
<td>Qualitative</td>
<td>13</td>
<td>Beaven et al., 2017</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Birchwood et al., 2018³</td>
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<td></td>
<td></td>
<td>Dellazizzo, Percie du Sert et al., 2018³</td>
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<td>Dos Santos and Beavan 2015</td>
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<td>Dillon and Hornstein, 2013</td>
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<td></td>
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<td>Goodliffe et al., 2010³</td>
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<td>Hayward and Fuller, 2010³</td>
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<td>May et al., 2014³</td>
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<td>Oakland and Berry, 2015</td>
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<td>Payne et al., 2017</td>
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<td>Rácz et al., 2017</td>
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<td>Schnackenberg, Fleming, and Martin, 2018³</td>
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<td>Schnackenberg, Fleming, Walker, and Martin, 2018³</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>Longden et al., 2018</td>
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<tr>
<td></td>
<td></td>
<td>Louise et al. 2018</td>
</tr>
</tbody>
</table>

¹ – Taylor, Harper and Chadwick (2009) had two case-studies in one research paper
² – Case study of participant in du Sert’s (2018) RCT
³ – Qualitative follow-up to quantitative research
Listening to the Voices?

Although not referenced further in this review, as they did not directly research therapeutic interventions for voice-hearing, the literature search also identified a range of articles in the wider literature relating to therapeutic interventions for voice-hearing, (see Appendix One).

**Interventions:**

Interventions reviewed fell broadly into three categories: individual therapy; group sessions with a therapist, often following a manualised programme; and peer-support groups, which largely had little or nothing to do with mental health agencies. The peer-support groups were all identified as part of the Hearing Voices Network (HVN). Of the other interventions, the overwhelming majority were short in timescale. With the notable exceptions of Carter and Wells', (2018), 80-week intervention and Salvatore, et al.’s, (2016) 18-month intervention, interventions ranged from a one-off re-scripting session, with preceding orientation session (Ison et al., 2014), to 44 sessions (Schnackenberg, et al., 2017). Excluding the open-ended interventions, Carter and Wells, and Salvatore et al.’s interventions, the remaining 28 interventions reviewed had a mean of 13 sessions. Most interventions were delivered individually (24), with only six group interventions (HVN Groups were counted as one intervention).

**Approaches to Voice-hearing:**

The different voice-hearing therapies and therapeutic aims are closely interwoven, with different underlying philosophies regarding voice-hearing. These voice-hearing philosophies fall into four broad approaches. In the first approach the voices are something to be ‘managed’. The second approach focuses on the voice-hearer-voice relationship, encouraging the voice-hearer to challenge the voices within a relational context. The third
Listening to the Voices?

approach sees voice-hearing as an experience to be accepted. The fourth approach regards voices as a meaningful aspect of the person’s life, to be explored in relation to their past experiences. These different views of voice-hearing have necessarily influenced the development of different therapeutic models of voice-hearing, the aims of therapy, and the perceived mechanisms of change.

**Categories of Voice-hearing Intervention**

When considered in terms of therapeutic mechanisms used to promote change, all the interventions reviewed could be divided into four categories, based on the model of intervention used (Table 3): Cognitive, Relational, Mindfulness-based, and what this review has termed the Meaningful-Experience model. The cognitive model tends to take the first approach (above) to voice-hearing. The relational model has largely adopted the second approach; the Mindfulness-based model takes the third approach; and the Meaningful-Experience model takes the fourth. It should be noted that these are this author’s categorisations and have not necessarily been explicitly referenced by the original researchers; further, these are loose categorisations with many of the therapies containing cross-model elements. These categories will be used when considering how therapies view voice-hearing, therapeutic goals, and methods of therapeutic change.
<table>
<thead>
<tr>
<th>Model of voice-hearing intervention</th>
<th>View of voice-hearing</th>
<th>Aims of interventions</th>
<th>Therapies</th>
<th>Researchers (Quantitative Research Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognitive</td>
<td>Voice-hearing is mediated by cognitive difficulties, distortions, or normal biases in overdrive.</td>
<td>Change appraisals of the voices; reduce belief in voices; reduce distress due to voices; reduce obedience to voices</td>
<td>ATT, CBT – COMMAND trial, CBT / CBTp</td>
<td>Carter and Wells, 2018; Birchwood et al., 2014; Barrowcliff, 2008; England, 2008; Penn et al., 2009; Singer and Addington, 2009; Gottlieb et al., 2009; Ruddle et al. 2014</td>
</tr>
<tr>
<td>Relational</td>
<td>Voice-hearing occurs within the context of internal relationships,</td>
<td>Change the relationship to the voice and become more assertive</td>
<td>Relating therapy, AVATAR therapy</td>
<td>Hayward et al., 2009; Paulik, et al., 2013; Hayward et al., 2017; Leff, et al., 2013; Cichocki et al. 2016; Stefaniak et al. 2017; Craig et al., 2018; du Sert et al., 2018</td>
</tr>
</tbody>
</table>
### Listening to the Voices?

<table>
<thead>
<tr>
<th>Mindfulness-based</th>
<th>The voice-hearing experience is to be accepted</th>
<th>To accept the experience of voice-hearing</th>
<th>ACT</th>
<th>Veiga-Martínez, 2008</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>CMT</td>
<td>Mayhew and Gilbert, 2008</td>
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<td>Mindfulness</td>
<td>Chadwick et al. 2009</td>
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<td>Taylor, Harper, and Chadwick, 2009</td>
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<td>Louise et al., 2018</td>
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<td>Dannahy et al. 2011</td>
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<td>Shawyer et al. 2012</td>
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</table>

### Meaningful Experience Model

<table>
<thead>
<tr>
<th>Meaningsful Experience Model</th>
<th>Voices are meaningful and relate to the lived experience of the voice-hearer, (and convey something of importance from the sub-conscious)</th>
<th>To start to ‘make sense of’ the experience of voice-hearing in relation to the individual’s past</th>
<th>EFC</th>
<th>Schnackenberg et al., 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>HVNG groups</td>
<td>Longden et al., 2018</td>
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<td>Longden et al., 2018</td>
</tr>
</tbody>
</table>

**ACT:** Acceptance and Commitment Therapy  
**ATT:** Attention Training Technique  
**CBT:** Cognitive Behavioural Therapy  
**CBTp:** CBT for psychosis  
**CBTv:** CVT for voices  
**CMT:** Compassionate Mind Training  
**COMET:** Competitive Memory Training  
**EFC:** Experience Focused Counselling  
**GIVE:** Guided self-help cognitive-behavioural intervention for VoicEs  
**HVG:** Hearing Voices Network Group  
**MIT:** Meta-cognitive Interpersonal Therapy  
**PBCT:** Person-based Cognitive Therapy  
**RCT:** Randomised Controlled Trial  
**TORCH:** Treatment Of Resistant Command Hallucinations
Listening to the Voices?

State of Current research

The development of an evidence-base for any therapy, could be considered to follow the below progression, (Figure 2).

![Figure 2: Development of Evidence-base](image)

This can be used to inform assessment of the level of development of research across each of the four approaches to hearing voices. When considering this, it is clear that the research is at different stages in the different categories of voice-hearing interventions, (see Tables 4, 5, 6, and 7),
Listening to the Voices?

Table 4: Development of Research in Cognitive Model of Intervention

<table>
<thead>
<tr>
<th>Therapy</th>
<th>Case studies</th>
<th>Case Series</th>
<th>Pilot studies</th>
<th>RCTs</th>
<th>Qualitative Research</th>
<th>Other</th>
<th>No. of Research Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBT</td>
<td>2</td>
<td>1 (n=15)</td>
<td>1 (n=28)</td>
<td>3</td>
<td>(1)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>-</td>
<td>9</td>
</tr>
<tr>
<td>CBT-style</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MIT, ATT, COMET, GIVE</td>
<td>1</td>
<td>2 (n=4)</td>
<td>-</td>
<td>1 (n=77)</td>
<td>-</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>All above</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>(1)</td>
<td>13</td>
</tr>
</tbody>
</table>

<sup>1</sup> Qualitative research in brackets is follow-up research from quantitative research projects

<table>
<thead>
<tr>
<th>Therapy</th>
<th>Case studies</th>
<th>Case Series</th>
<th>Pilot studies</th>
<th>RCTs</th>
<th>Qualitative Research</th>
<th>Other</th>
<th>No. of Research Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relating Therapy</td>
<td>1</td>
<td>1 (n=5)</td>
<td>1 (n=29)</td>
<td>-</td>
<td>(1)</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>AVATAR Therapy</td>
<td>4&lt;sup&gt;2&lt;/sup&gt;</td>
<td>-</td>
<td>2 (n=26)</td>
<td>1</td>
<td>(1)</td>
<td>-</td>
<td>5</td>
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<tr>
<td>All above</td>
<td>5</td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>(2)</td>
<td>9</td>
</tr>
</tbody>
</table>

<sup>2</sup> Two case-studies were generated from an RCT
### Table 6: Development of Research in Mindfulness Model of Intervention

<table>
<thead>
<tr>
<th>Therapy</th>
<th>Case studies</th>
<th>Case Series</th>
<th>Pilot studies</th>
<th>RCT</th>
<th>Non-Randomised</th>
<th>RCTs</th>
<th>Qualitative Research</th>
<th>Other</th>
<th>No. of Research Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>(n=22)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Mindfulness</td>
<td>2 (1 paper)</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>(n=14)</td>
<td>-</td>
<td>1</td>
<td>(cross-sectional analysis)</td>
<td>3</td>
</tr>
<tr>
<td>TORCH</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>(n=43)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>PBCT</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>(n=62)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>CMT</td>
<td>-</td>
<td>1 (n=7)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>All Above</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>2</td>
<td>3</td>
<td>(2)</td>
<td>-</td>
<td>-</td>
<td>9</td>
</tr>
</tbody>
</table>

*ACT: ACT (acceptance and commitment therapy)*  
*Mindfulness: Mindfulness therapy*  
*TORCH: Treatment of Religiosity and Other Chronic Hallucinations*  
*PBCT: Person-based Cognitive Therapy*  
*CMT: Compassionate Mind Training*  
*EFC: Experience Focused Counselling*  

### Table 7: Development of Research in Meaningful Experience Model of Intervention

<table>
<thead>
<tr>
<th>Therapy</th>
<th>Case studies</th>
<th>Case Series</th>
<th>Pilot studies</th>
<th>RCT</th>
<th>Non-Randomised</th>
<th>RCTs</th>
<th>Qualitative Research</th>
<th>Other</th>
<th>No. of Research Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVNG</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>5</td>
<td>(n=2) (n=11)</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(n=4) (n=8)</td>
<td>(Questionnaire-based research)</td>
<td></td>
</tr>
<tr>
<td>EFC</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td></td>
<td>(n=12)</td>
<td>-</td>
<td>(2)</td>
<td>(n=25)</td>
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<td>(n=25)</td>
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<tr>
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<td>0</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*EFC: Experience Focused Counselling*  
*HVNG: Hearing Voices Network Group*
The Cognitive-based interventions have the most developed evidence-base. They have more RCTs, and RCTs with much larger n’s than other studies reviewed. They also have the largest number of research projects generated, however, amongst that number are a variety of atypical cognitive approaches that have generated only a single piece of research, often only at the case study or case series level of research.

Of the relational-based research, Relating Therapy has moved steadily from case-series to RCT, however, it only appears to have one group of researchers working on it. This will slow down the rate of research unless other researchers move onto this therapy. Avatar Therapy appears to have generated a lot of interest with three different research groups working on it. It appears to be rapidly increasing its evidence base. There have been two RCT pilot studies and a larger powered RCT.

The Mindfulness-based therapies have generated several RCTs, but participant numbers in these are still relatively low.

The Meaningful-Experience category has generated only one RCT. Hearing Voices Network Group (HVNG) research has tended to use qualitative evidence. “RCTs tend to be investigator-driven, relying on following manualised approaches that would not capture the participation, collaboration, and timeframes required for HVNG research that would be true to its underlying principles,” (Brophy, 2017, p509). Longden et al (2018), have started generating some quantitative data, to build the evidence base, however, it is hard to conceive of how an HVNG RCT could be operationalised, especially considering their acceptance of all voice-hearers regardless of aetiology.
Listening to the Voices?

Experience Focused Counselling appears to have only one set of researchers working on it, thus, as with Relating Therapy, the ‘output’ of research will be slowed unless others join the research into this.

Quality of Research

Just as the evidence-base development across the different categories is at different stages, so the standard of research is at different levels. Some of this variance is appropriate to the level of research, e.g., trial RCT conducted as a pre-cursor to a fully powered RCT. The below table (Table 8) indicates the quality of research across a range of criteria.
<table>
<thead>
<tr>
<th>Model</th>
<th>Researchers and Intervention</th>
<th>Study Type</th>
<th>N</th>
<th>Power</th>
<th>Type of Control Group</th>
<th>Length of Follow-up</th>
<th>Fidelity to Therapy Checks</th>
<th>Qualitative follow-up</th>
<th>Qualitative Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gottlieb et al., 2013</td>
<td>Open Pilot Study</td>
<td>21</td>
<td>“Limited statistical power”</td>
<td>N/A</td>
<td>Pre and post only</td>
<td>Web-based using same programme</td>
<td>no</td>
<td>50%</td>
</tr>
<tr>
<td></td>
<td>Web-based CBTp</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shiraishi et al., 2014</td>
<td>Open study</td>
<td>22</td>
<td>80%</td>
<td>N/A</td>
<td>Pre and post only</td>
<td>None reported</td>
<td>no</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Brief group psychoeducation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazel et al., 2018</td>
<td>Pilot RCT</td>
<td>28</td>
<td>No</td>
<td>Waitlist</td>
<td>4 weeks</td>
<td>Yes</td>
<td>no</td>
<td>None reported</td>
<td></td>
</tr>
<tr>
<td>England, 2008</td>
<td>RCT</td>
<td>65</td>
<td>0.90</td>
<td>TAU</td>
<td>1 year</td>
<td>None reported</td>
<td>no</td>
<td>None reported</td>
<td></td>
</tr>
<tr>
<td>Cognitive Interventions</td>
<td>Penn et al., 2009</td>
<td>RCT</td>
<td>65</td>
<td>80</td>
<td>Enhanced Supportive Therapy</td>
<td>12 months</td>
<td>yes</td>
<td>no</td>
<td>6 / 12 sessions</td>
</tr>
<tr>
<td>CBT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Van Der Gaag, et al., 2012 (COMET)</td>
<td>RCT</td>
<td>77</td>
<td>0.8</td>
<td>TAU</td>
<td>Pre and post only</td>
<td>Yes</td>
<td>no</td>
<td>None reported</td>
<td></td>
</tr>
<tr>
<td>Birchwood et al., 2014</td>
<td>RCT</td>
<td>197</td>
<td>80%</td>
<td>CT+TAU vs TAU</td>
<td>18 months post-randomisation</td>
<td>yes</td>
<td>yes</td>
<td>Completion considered to be “Completion of all manualised elements”</td>
<td></td>
</tr>
</tbody>
</table>
## Listening to the Voices?

<table>
<thead>
<tr>
<th>Model</th>
<th>Researchers and Intervention</th>
<th>Study Type</th>
<th>N</th>
<th>Power</th>
<th>Type of Control Group</th>
<th>Length of Follow-up</th>
<th>Fidelity to Therapy Checks</th>
<th>Qualitative follow-up</th>
<th>Completion Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>du Sert et al., 2018 Avatar Therapy</td>
<td>Pilot clinical trial randomized partial crossover trial</td>
<td>17</td>
<td>None reported</td>
<td>TAU</td>
<td>3 months</td>
<td>None reported</td>
<td>No</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Leff, et al., 2013 Avatar Therapy</td>
<td>Proof of concept Randomised, single blind, partial crossover trial</td>
<td>26</td>
<td>80%</td>
<td>TAU</td>
<td>3 months</td>
<td>None reported</td>
<td>No</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Hayward et al., 2017 Relating Therapy (RT)</td>
<td>RCT RT+TAU vs TAU</td>
<td>29</td>
<td>No</td>
<td>TAU</td>
<td>36 weeks post-randomisation</td>
<td>Yes</td>
<td>No</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Craig et al., 2018 Avatar Therapy</td>
<td>Single-blind RCT</td>
<td>150</td>
<td>90%</td>
<td>Supportive Counselling</td>
<td>24 weeks post-randomisation</td>
<td>Yes</td>
<td>No</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Louise et al., 2018 (iMPV)</td>
<td>Non-randomised Pilot study</td>
<td>14</td>
<td>-</td>
<td>-</td>
<td>2 months</td>
<td>None reported</td>
<td>No</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Chadwick et al. 2009 Mindfulness</td>
<td>Replication and Feasibility trial</td>
<td>22</td>
<td>No</td>
<td>Waitlist</td>
<td>Pre-and-post</td>
<td>None reported</td>
<td>No</td>
<td>6 / 10 sessions</td>
</tr>
<tr>
<td></td>
<td>Dannahy et al. 2011 Group PBCT</td>
<td>Uncontrolled evaluation.</td>
<td>62</td>
<td>80%</td>
<td>Uncontrolled evaluation</td>
<td>1 month</td>
<td>Yes</td>
<td>Yes</td>
<td>6+ sessions</td>
</tr>
<tr>
<td></td>
<td>Shawyer et al. 2012 TORCH</td>
<td>RCT</td>
<td>43</td>
<td>exceeding 80%</td>
<td>Manualised befriending intervention vs TORCH vs Waitlist TAU</td>
<td>6 months</td>
<td>Yes</td>
<td>No</td>
<td>None reported</td>
</tr>
<tr>
<td></td>
<td>Schnackenberg et al., 2017</td>
<td>RCT - EFC</td>
<td>12</td>
<td>No</td>
<td>TAU</td>
<td>Pre-and-Post only</td>
<td>Yes</td>
<td>Yes</td>
<td>None Reported</td>
</tr>
</tbody>
</table>

CBT: Cognitive Behavioural Therapy for Psychosis  
CBTv: Cognitive Behavioural Therapy for Voices  
CNI: Cognitive Nursing Intervention  
COMET: Competitive Memory Training  
EFC: Experience Focused Counselling  
IMPV: Individual Mindfulness Program for Voices  
PBCT: Person-based Cognitive Therapy  
RCT: Randomised Controlled Trial  
TORCH: Treatment Of Resistant Command Hallucinations  
TAU: Treatment as Usual
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The level of research development, and quality of research, taken together, indicate that whilst there has been a lot of research output over the past decade, it is at varying levels of development and quality. One of the most notable shortcomings across the range of research is the length of follow-up. Whilst some of the studies have follow-up of a year post intervention, others have pre-and-post measures only. When the chronicity of voice-hearing, and continuing outcome changes post-intervention (Craig et al., 2018), is considered, the length of time of some follow-ups appears to be inadequate.

There appears to be more breadth than depth across this field. Whilst there are some innovative and novel interventions taking this area into new and exciting directions, there needs to be a degree of development of depth and robustness of the research moving forward.

Each of the four models of intervention discussed above (Cognitive, Relational, Mindfulness-based, and Meaningful Experience) have different: underlying therapeutic philosophies regarding voice-hearing; goals or aims; and methods and change-mechanisms. These will be discussed in turn.

**Therapeutic approaches to voice-hearing**

Therapies that come under the cognitive category do not appear to have a ‘declared’ view of voice-hearing so much as an implicit one. However, the cognitive view of voice-hearing could be considered as an experience “mediated by dysfunctional cognitive processes,” (Kay et al., 2017 p315). These processes would include faulty appraisals regarding the power of voices, low meta-cognitive abilities, and bias-difficulties, such as higher ‘jump to conclusion’ rates. Their approach towards the voice-hearing experience is to try to ameliorate the negative
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effects of it through changing appraisals of voice content, and introducing coping strategies. Voices are considered something to be ‘managed’ through use of cognitive techniques.

Therapies using the Relational Model see voice-hearers as having a genuine relationship with the voices that they hear. Two different therapies have emerged: Relating Therapy, and Avatar Therapy. Both therapies aim to change the relationship with the voice.

Relating Therapy “[conceptualises the] voice hearing experience within a relational framework,” (Hayward & Fuller, 2010, p363), and notes that “similarities exist between social relationships and the relationship with the voice,” (p363). Relating Therapy has its theoretical underpinnings in Birtchnell’s, (1996), relating theory, which posits that relating is the intersection between two axes of power and proximity, represented at their two poles by ‘upper – lower’ and ‘distant – close’, and voice-hearers often place themselves as ‘lower’ in power than their voices, and subsequently try to create ‘distance’ between themselves and the voice.

In developing Avatar Therapy, Leff et al., (2013) posited that, “The development of persecutory auditory hallucinations can be formulated as an exteriorisation of a severely critical component of the psyche that cannot be tolerated. IF this is correct, then ignoring the voices negates the possibility of re-assimilation of this rejected component of the patient’s internal world,” (p428). As such, engaging with the voices on a meaningful level was deemed a vital component of Avatar Therapy.

Mindfulness-based interventions all have an “active acceptance of voices as an alternative to suppression or resistance,” (Louise et al., 2018, p3). Two of the therapies in this category describe themselves as using CBT combined with Mindfulness or ACT techniques, (Dannahy
et al., 2011; Shawyer et al., 2012), however, they have an explicit acceptance of the voice-hearing experience, and are not focussed on changing appraisals of the voices, as such they have been included in the Mindfulness-based category.

Compassionate Mind Training (CMT) “does not focus on people challenging or arguing with their voices because this maintains a conflictual and aversive relationship” (Mayhew & Gilbert’s, 2008, p132) likely to maintain the experience, rather it aims to introduce compassion towards both the voices and the voice-hearer. CMT could have come under the Meaningful-Experience Model, however, its use of Mindfulness has led to its inclusion here.

Interventions in the Meaningful-Experience category are rooted in the Hearing Voices Network (HVN), philosophy “…that hearing voices is a meaningful human experience, ...Voices themselves are not viewed as abnormal or aberrant, rather conceptualized as a meaningful and interpretable response to social, emotional, and/or interpersonal circumstances,” (Corstens, et al., 2014, p285-6). HVNGs “actively value” voices and validate the experience of the person.

**Goals of Therapy**

In the Cognitive-based interventions two broad goals are commonly discussed: increasing the individual’s coping abilities regarding their voices; and reducing voice-hearing distress through challenging individuals’ beliefs regarding the voices. Birchwood et al.’s (2014) COMMAND trial is of note here, as its expressed aim was not to reduce voice-hearing distress, but to reduce adherence to command hallucinations. They aimed to “weaken and change beliefs about voices’ power thus enabling the individual to break free of the need to comply or appease and thereby reduce harmful compliance behaviour and distress,” (Birchwood et
Whilst this outcome goal was described in relation to command hallucinations, the common element across most of the Cognitive interventions is the goal of “[changing] beliefs about voices’ power”. At this point however, it should be noted that van der Gaag et al.’s (2012), stated goal was to reduce depression associated with voice-hearing, rather than to try and change the voice-hearing appraisal, however, the underlying aim of reducing voice-hearing distress was held, in common with most of the therapies using the Cognitive model.

Both Relating Therapy and Avatar Therapy aim to help participants move ‘towards’ their voices and become more assertive in relation to them. Leff et al. (2013) reported that voice-hearers are often advised to ignore their voices. Avatar therapy wanted to “give patients control over their ‘voices’,” (p428). Both Relating Therapy and Avatar Therapy aim to decrease the power imbalance between voice-hearer and voice.

In line with the underlying philosophy of mindfulness, which is to “non-judgementally, and purposely, [pay] attention to present-moment experiences,” (Louise et al., 2018, p2), the goals of the Mindfulness-based interventions were to support participants to accept and “relate differently to distressing experiences such as voices.” (Dannahy et al. 2011, p115). Mayhew and Gilbert’s (2008) Compassionate Mind Training had the additional aim of supporting participants to feel more self-compassionate. Shawyer et al.’s (2012) TORCH intervention included the stated aim of reducing “the negative impact of command hallucinations,” (p110).

The Hearing Voices Network Group (HVNG), and Experience-Focussed Counselling (EFC), both aim to be a “normalising and de-pathologising approach,” where the goal is “…to develop a
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balanced more understanding relationship with the voices, rather than just learning to assert oneself towards the voices,” (Schnackenberg et al., 2018 p998). The intention is to bring “order, life context, and increasing calmness to what can often be experienced as a very chaotic and anxiety-provoking experience of voice-hearing,” (Schnackenberg et al., 2017, p15).

Therapeutic Techniques and change-mechanisms

The techniques of the different types of intervention are closely related to intervention goals and approaches to voice-hearing. Cognitive-based interventions aim to reduce voice-hearing distress through changing appraisals of the voices. To achieve this a range of traditional CBT methods are utilised: psychoeducation; exploring alternative explanations; identifying situations where voice-hearing increases or decreases; use of coping strategies etc. Birchwood et al (2014), specifically targeting command hallucinations, with the stated aim of decreasing obedience to them, used a proto-typical version of CBTp. They described “the essence of the therapy” as testing “the perceived power of the voice by assessment of evidence for the omniscience of the voice, the apparent ability ... to predict the future,” (p25).

In line with having a slightly different stated goal (reduction of voice-hearing associated depression, not change of voice-hearing appraisals), van der Gaag’s et al.’s Competitive Memory Training, (COMET), used an atypical cognitive approach. Their manualised approach used ‘over-learning’ positive self-image and pairing this with “the humiliating messages of the voice,” until the participant was able to listen to them and “still be in a self-confident mood,” (p163). Carter and Wells, (2018) Attention Training Technique, involved their participant “systematically apply[ing] selective attention, attention switching, and divided attention” (p2), to learn to disengage from the voice-content. However, this seemed an intensive
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intervention as the participant was seen nine times over three weeks in the active phase of the case-series, and had to practice attention switching three times a day, putting high demands on their time.

Noting from previous research (Lysaker et al., 2013), that “All the aspects of metacognition are impaired in persons with schizophrenia,” (p236), Salvatore et al.’s (2016) Meta-cognitive Interpersonal Therapy (MIT) aimed to promote metacognition and “develop a sense of agency over the symptoms” (p241). MIT had three phases:

1) Validating and normalising the patient’s experience, building in behavioural coping strategies, and improving metacognition with strategies such as ‘thought labelling’;

2) Increasing awareness of when voice-hearing occurs, and building awareness of “disturbed interpersonal schemas [that] lead to the emergence of the symptoms”, and “promoting high level mastery strategies for [voice-hearing]” (p239);

3) Improving metacognitive skills and encouraging re-engagement with healthy activities;

Ison et al. (2014), while still aiming to reduce voice-hearing distress and convictions in voice-content, have used very different cognitive methods. Their study used a “one-off image re-scripting session” (p129). Ison et al., looking at the close links between Post Traumatic Stress Disorder (PTSD) and psychosis, speculated that “there is evidence that up to 75% of people who hear voices experience recurrent intrusive images that could play a role in maintaining the distress associated with the experience.” (p131). They drew on the evidence of imagery re-scripting, rooted in cognitive models of PTSD, to suggest that it could be “an effective tool for reducing distress associated with intrusive images,” which could then “indirectly reduce
the level of distress associated with voices,” (p131). In the first session patients were given the rationale for the intervention, and spent some time discussing an intrusive memory without any attempt to change or challenge it. The second session used a 3-stage re-scripting protocol as outlined by Arntz and Weertman, (1999), and patients were given CDs of the sessions to listen to at home. The remaining sessions were follow-up sessions only.

As there are two main therapies in the Relational Intervention category, they will be taken in turn:

Relating Therapy (RT) has three phases: Socialisation to RT; Exploration of themes within participants’ relational histories; Exploration and development of assertive approaches to relating. RT helped participants identify parallels between how they related to their voices internally, and how they related to people socially. It then “Enhanc[ed] awareness of reciprocity with the voice / voice-hearer relationship,” (Hayward et al., 2009, p216); followed by use of chair work and imagery to help participants practice assertiveness relationally.

In Avatar Therapy (AT), patients would select the dominant or most troublesome voice and create a virtual reality Avatar to represent this voice. A therapist would start with a ‘script’ generated by the participant of what the voice would say to them. However, controlling the Avatar, the therapist gradually changed the ‘script’ “so that it progressively came under the patients’ control,” (Leff et al., 2013, p429). Slowly the Avatar’s character was “changed by the therapist from being abusive to … supportive of the patient,” (p429). This occurred over six 30-minute sessions. Leff, et al.'s, 2014 paper goes into more details regarding this therapy.

Cichocki et al., (2016), used the same method as ‘standard’ AT, however, instead of having a computer-based Avatar, their patient made a mask representing the voice, while a therapist
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acted as the voice for the mask. In all other respects this therapy was the same as AT, and proved to have similar positive outcomes. The benefits of this approach are in its low-tech, low-cost availability.

The Mindfulness-based models all have elements of Mindfulness consistent with the underlying Mindfulness philosophy of non-judgemental observation (Williams & Penman, 2011).

Chadwick et al.’s, (2009) intervention comprised of twice-weekly sessions for five weeks, and home practice using meditative CDs. This was followed by a further five weeks of unsupported home practice. The sessions “comprised of two 10-minute mindfulness meditations” (p406), followed by group reflection and guided discovery. The meditations were guided to minimise rumination or unhelpful engagement with the voices, and “referred explicitly to psychotic experiences and reactions to them, as well as other difficult bodily, emotional, and mental sensations,” (p406). Unlike many Mindfulness-based Interventions, Louise et al.’s (2018), Individual Mindfulness Program for Voices was delivered on an individual, rather than group basis. It entailed four weekly sessions, with guided practise and discussion. These session “included several experiential practices that simulated the voice-hearing experience” (p4), to allow participants to practice responding mindfully to voices.

Dannahy et al’s (2011), group Person-based Cognitive Therapy (PBCT) integrated traditional CBTp and mindfulness practice, whilst TORCH, (Treatment of Resistant Command Hallucinations, Shawyer et al., 2012), used “CBT augmented with acceptance-based strategies from Acceptance and Commitment Therapy,” (p113). TORCH was a manualised intervention, “core modules included belief modification and acceptance-based interventions... Belief
modification involved identifying and modifying the key beliefs that “hook” clients into compliance and lead to distress, such as the power of the voice,” (p113). Key ACT strategies included “cultivating the capacity to notice voices... rather than believe and act on them; ...[and] accepting voices even though one may not like them,” (p113).

Mayhew and Gilbert's (2008), Compassionate Mind Training (CMT) is based on a developing body of evidence regarding the evolutionary need to self-sooth, and the importance of self-compassion in increasing our abilities in self-soothing, (Mayhew & Gilbert, 2008; Gilbert, 2009). This different theoretical base results in CMT using slightly different methods to the other Interventions in the Mindfulness-based category. CMT aimed to help “people focus on their difficulties in terms of safety behaviours and to become understanding and compassionate to those safety behaviours (e.g., de-shame and de-pathologise),” (p116). Participants were encouraged to view their experiences through the prism of their personal histories and were taught support techniques such as guided muscle relaxation, guided imagery, and creation of a compassionate self.

It is difficult to separate out the approach to voices, goals, and methods, in the Meaningful-experience interventions, as they are all so closely interwoven, especially in the group setting. The methods are the embodiment of the approach to voices, which involves “accepting the voices as a real experience, honouring the subjective reality of the voice-hearer, and recognising that voices are something that the voice-hearer can – with support – deal with successfully,” (Corstens et al., 2014, p288). There are two main ‘delivery models’ in this approach: Group – Hearing Voices Network Groups (HVNG); and Individual – Experience Focused Counselling (EFC), the “individualised approach of the [Hearing Voice Movement]” (Schackenberg et al., 2017, p13).
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HVNGs could be considered to have two different change-mechanisms. The first is in the underlying ethos of the group, and approach to voices, which in itself can be considered change-promoting; the second is in specific techniques used within groups. Dillon and Hornstein, (2013) offer a good insight into both these elements of change.

HVNGs all ‘sign up’ to a set of shared values. They have a general goal of “helping voice-hearers to articulate and better understand their individual experiences,” (Dillon & Hornstein, 2013, p290). Under the ‘ethos’ aspect of change-mechanisms, the HVNGs “create sanctuary, safe spaces to share taboo experiences, …People are free to share and explore their experience in detail, including the content of what their voices say, without the threat of censorship, loss of liberty or forced medication.” (Dillon & Hornstein, 2013, p289).

In terms of specific techniques used within sessions, a technique known as Voice Profiling is used, where group members are asked about their voices: What do the voices say? What tone do they use? Who are they? A key principle is the lack of prescription, there is no ‘one way’ of seeing voice-hearing or acting in relation to it.

Experience Focussed Counselling (EFC) holds to the same tenets as the HVN. The EFC “process consists of the sequential use of the Maastricht Interview, Report and Construct (Romme & Escher, 2000)” (Schnackenberg et al., 2017 p15). This is used to create a mutual sense-making of the voice-hearing experience. The ‘Report’ is a summary of the interview, while “‘Construct’ provides a structured format to help the [voice-hearer] identify who and what the voices may represent within his/her life’s context,” (Schnackenberg et al., 2017 p15).
Qualitative Research

Alongside quantitively-based research output, a large amount of qualitative research has been undertaken. For most of the intervention categories, the qualitative research is follow-up from a quantitively-based study (see Table 9). The notable exception is the Meaningful-Experience model where the majority of research has been qualitative (see Table 10).

Table 9: Qualitative Research Following Quantitative Studies

<table>
<thead>
<tr>
<th>Model</th>
<th>Original Research</th>
<th>Follow-up Qualitative Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognitive</td>
<td>RCT COMMAND trial (CBT for command hallucinations) (Birchwood et al., 2014)</td>
<td>Qualitative study using semi-structured interviews. (n=20)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Birchwood et al., 2018)</td>
</tr>
<tr>
<td>Relational</td>
<td>Case Series – Relating Therapy (Hayward et al., 2009)</td>
<td>IPA research regarding Hayward et al.’s 2009 Case Series (n=10)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Hayward &amp; Fuller, 2010)</td>
</tr>
<tr>
<td></td>
<td>RCT – Avatar Therapy (du Sert et al., 2018)</td>
<td>Content Analysis of du Sert’s Avatar Therapy sessions (n=12)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Dellazizzo, Percie du Sert, et al., 2018)</td>
</tr>
<tr>
<td>Mindfulness-based</td>
<td>Uncontrolled Evaluation – Group Person-based Cognitive Therapy (Dannahy et al., 2011)</td>
<td>Interim qualitative review on Dannahy et al.’s 2011 PBCT trial</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Five post-therapy Focus groups, (n=18)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Goodliffe et al., 2010)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Qualitative review on Dannahy et al.’s 2011 PBCT trial (n=10)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(May et al., 2014)</td>
</tr>
<tr>
<td>Meaningful-experience</td>
<td>RCT of Experience Focussed Counselling (EFC) (Schnackenberg et al., 2017)</td>
<td>Applied Thematic Analysis EFC as a trauma-sensitive approach (n=25)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Schnackenberg, Fleming, &amp; Martin, 2018)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Applied Thematic Analysis EFC – understanding past and current</td>
</tr>
<tr>
<td></td>
<td></td>
<td>distress (n=25)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Schnackenberg, Fleming, Walker, &amp; Martin, 2018)</td>
</tr>
</tbody>
</table>
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Table 10: Qualitative Research from Meaningful-Experience Interventions

<table>
<thead>
<tr>
<th>Author</th>
<th>Type of research / article</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dillon and Hornstein, 2013</td>
<td>Experientially grounded perspective on HVNGs</td>
<td>2</td>
</tr>
<tr>
<td>Oakland and Berry, 2015</td>
<td>Thematic analysis of experiences in HVNGs</td>
<td>11</td>
</tr>
<tr>
<td>Dos Santos and Beavan, 2015</td>
<td>IPA on HVNGs</td>
<td>4</td>
</tr>
<tr>
<td>Beavan et al., 2017</td>
<td>Small scale study into the efficacy of HVNGs, using questionnaires</td>
<td>29</td>
</tr>
<tr>
<td>Payne et al., 2017</td>
<td>IPA on experience of eight voice-hearers at HVNGs</td>
<td>8</td>
</tr>
<tr>
<td>Rácz et al., 2017</td>
<td>IPA into the experience of voice-hearing and the role of self-help groups</td>
<td>6</td>
</tr>
<tr>
<td>Longden et al., 2018</td>
<td>Systematic Assessment of HVNGs using customized 45-item questionnaire</td>
<td>101</td>
</tr>
</tbody>
</table>

The qualitative research gives insight into what participants see as important elements of the various interventions. Some findings may support hypothesised change-mechanisms, while other findings may suggest mechanisms of change not considered from the intervention-model viewpoint.

Birchwood et al.’s 2018 qualitative follow-up to the 2014 Command Trial found normalisation and peer support helpful, something not considered as a change-mechanism in this intervention.

Hayward and Fuller’s (2010) qualitative analysis of Hayward et al.’s (2009) case series highlighted three main themes. Of these, the second theme, developing a new relating style, and “understanding issues and connections between experiences,” (p367), and the shift of power from powerless to becoming more assertive (theme three) would offer support to the aims and methods of Relating Therapy.

du Sert et al.’s (2018) Avatar Therapy RCT generated three qualitative papers: two case studies, which help create a more detailed understanding of the process as experienced by
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participants; and one content analysis of themes emerging from the therapy. These themes gave added evidence to the hypothesised change-mechanisms created by the intervention techniques. Increased assertiveness towards the voices over the course of the intervention was an element across all five identified themes.

Goodliffe et al., (2010), identified themes of voice-acceptance, self-acceptance, and “a changing sense of self,” (p447) in relation to Dannahy et al’s (2011) PBCT. May et al., (2014), replicated these findings, (see Table 11).

Table 11: Themes identified by May et al., (2014)

<table>
<thead>
<tr>
<th>Theme</th>
<th>Associated sub-theme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relating to voices</td>
<td>Value of a mindfulness approach</td>
</tr>
<tr>
<td></td>
<td>Importance of changed beliefs about voice strength and power</td>
</tr>
<tr>
<td>Relating to self</td>
<td>Sense of self-separate to voices</td>
</tr>
<tr>
<td></td>
<td>Developing a positive view of self</td>
</tr>
<tr>
<td>Relating to others</td>
<td>Changed social relationships during and following the group</td>
</tr>
</tbody>
</table>

These themes would indicate that the intervention methods are working in the way intended.

The research into the Meaningful-Experience interventions gives rich data regarding the change-mechanisms utilised.

Dillon and Hornstein, (2013), reported on the “transformative power of these groups for people long considered unreachable,” p286, writing that “Creating “possible selves” that challenge the pessimism of professionals or family members is fundamental to the work of all support groups and is often astonishing in its effectiveness,” p293.
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Oakland and Berry, (2015), Dos Santos and Beavan (2015), Payne et al., (2017), and Rácz et al. (2017) all reported themes from their research (see Table 12 for complete list). Of these themes, it was possible to draw out some replicating themes across the studies:

- The importance of the group (all studies)
- Sense of agency (all studies excluding Racz et al.)
- Sense of hope / freedom (all studies excluding Racz et al.)
- Sharing, connecting, acceptance; (all studies excluding Racz et al.)
- Relationships with the voices; (Dos Santos & Beavan, Payne et al., and Racz et al.)

These all give indications of potential change-mechanisms for these interventions.

Beavan et al., (2017) and Longden et al., (2018), both conducted quantitative-style outcome-based research. Beavan et al identified that group members reported feeling more understood, better at being with people, and more hopeful; these could all be considered part of the HVNG change-mechanisms. Longden et al reported that “Group attendance was credited with a range of positive emotional, social, and clinical outcomes. Aspects that were particularly valued included: opportunities to meet other voice-hearers, provision of support that was unavailable elsewhere, and the group being a safe and confidential place to discuss difficult issues,” (p184). HVNGs were perceived as facilitating recovery processes, and “to be an important resource for helping them cope with their experiences,” (p184). These all add supporting information regarding the change-mechanisms underlying HVNGs.

Schnackenberg, Fleming, and Martin, (2018) investigated EFC as a trauma-sensitive approach. Findings supported this, which could indicate that working with trauma could be one of the change-mechanisms of EFT.
Table 12: Meta-synthesis of the themes found in qualitative research on HVNGs

<table>
<thead>
<tr>
<th>Research</th>
<th>Superordinate Themes</th>
<th>Subordinate Themes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oakland and Berry, (2015)</td>
<td>Discovery “taking the plunge” “participants’ initial experiences of the group”</td>
<td>Introductions and motivations – how they found the group, why they went</td>
</tr>
<tr>
<td></td>
<td></td>
<td>First thoughts and reflections “it’s like a big step” – initial anxieties and worries about attending group</td>
</tr>
<tr>
<td></td>
<td>Group Structure</td>
<td>Facilitation “no one in a group has power over you”, lots of concerns about the power imbalance between professionals and group members, which just does not exist in the group</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Group control “It’s their rules” – ownerships of the group by the members very valued. The group will always be there, not time limited / going to be discharged</td>
</tr>
<tr>
<td></td>
<td>Acceptance “the veil being lifted” – experiences of being accepted by the group.</td>
<td>Acceptance of their experiences by the group “was a significant event” in contrast to their social networks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acceptance of the social person – “sense of being accepted as people rather than being viewed purely by their experiences or as a patient”</td>
</tr>
<tr>
<td></td>
<td>Hope “Inspiration to know you can do it too”</td>
<td>Opportunity to talk, “let off steam”</td>
</tr>
<tr>
<td></td>
<td>Group benefits</td>
<td>“Somebody who knows from experience” Experienced trial and error – advice on coping strategies more valued when they come from group members than professionals, “some of the strategies shared in the group had a huge impact on individuals’ perceptions of their ability to manage and feel in control”</td>
</tr>
<tr>
<td>Dos Santos and Beavan, (2015)</td>
<td>First experiences, first discoveries</td>
<td>Secrecy at onset of voices (p30)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Discovering the group through others (p30)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>First experience of the group (p30)</td>
</tr>
<tr>
<td></td>
<td>Experiences within the group</td>
<td>The importance of attending</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Social connections</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The importance of sharing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The importance of feedback</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supportive nature of the group</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Process and role of facilitators</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other group members</td>
</tr>
<tr>
<td></td>
<td>Beyond the group</td>
<td>Willingness to share</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Improvements in self-esteem</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Relating to the voices</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sense of agency in recovery</td>
</tr>
</tbody>
</table>
When considering all the qualitative research above, some cross-intervention-model themes emerge. First is a shift in voice-voice-hearer relationships (Birchwood et al., 2018; Hayward & Fuller, 2010; Payne et al., 2017; Rácz et al., 2017; Dos Santos & Beavan, 2015). A subtly different parallel theme was the shift from feeling powerless to more assertive towards the voices (Hayward & Fuller, 2010), or that beliefs about the voices’ strength and power had changed (May et al. 2014).

A second emerging cross-intervention-model theme related to acceptance of self, and the development of a more positive view of the self, (Craig et al., 2018; May et al., 2014; Oakland & Berry, 2015; Payne et al., 2017; Dos Santos & Beavan, 2015). Parallel with this was the importance of the relationship with voices, (Dos Santos & Beavan, 2015; Hayward & Fuller, 2010; Payne et al., 2017; Racz et al., 2017).
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The importance of peer support (Birchwood et al, 2018) or of the group, was a theme that came out in all group-based interventions (Dos Santos & Beavan, 2015; May et al, 2010; Oakland & Berry, 2015; Payne et al., 2017; Rácz et al., 2017).

Discussion

When considering the therapeutic approaches to voice-hearing described above, these approaches could be considered as being on a continuum (see Figure 3).

<table>
<thead>
<tr>
<th>“Away”</th>
<th>“Towards”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voices to be ‘managed or accepted’</td>
<td>Voices / voice-hearing relationships ‘taken seriously’</td>
</tr>
</tbody>
</table>

*Figure 3: Continuum of Approaches to Voice-hearing*

Each therapy within the different models would be positioned slightly differently along this continuum. The Cognitive and Mindfulness-based interventions could be considered to be nearer the “Away” pole, where they are moving ‘away’ from the concept of voices as something to be engaged with. They view voices as something to be managed (Cognitive), or Accepted (Mindfulness), but not ‘engaged with’. The Relating and Meaningful Experience interventions could be seen as being nearer the “Towards” pole, seeing voices as something to be engaged with relationally. However, the Relational Model sees the voices as something to become more assertive towards, whilst the Meaningful Experience interventions see the voices as something to be explored and understood more.

These different approaches become more manifest in the goals of therapy across the different intervention models, and the methods of change used.
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When considering the goals of the different intervention models, whilst on one level they may appear quite disparate – changing appraisals of the voices through reality testing (Cognitive), explicitly accepting the voice-hearing experience, and increasing self-compassion (Mindfulness), becoming more assertive towards voices (Relational) or trying to understand the relationship more (Meaningful-experience), underlying them is a superordinate goal of reducing voice-hearing distress. What differs are the perceived mechanisms or subordinate-goals that will move the participant closer to the superordinate goal of reduced distress and improved quality of life and functioning.

Looking at the methods used across the four intervention models, it is possible to see significant variance, even within categories. Within the Cognitive model there are the ‘traditional’ CBT techniques of reality testing and appraisal modification, but also the Competitive Memory Techniques of the COMET study, and Ison et al’s (2014), Imagery Reprocessing methods.

Mirroring the ‘approach to voice-hearing continuum’, the goals and methods of voice-hearing interventions could be put onto the same continuum. Some intervention techniques involve disengaging with, or ‘ignoring’ the voices with little attempt to change the voice-hearing experience itself, rather, the attempt is to change the appraisals of the voices. Other interventions aim to engage with the voices, using methods that involve interacting with them.

Whilst the Cognitive and Mindfulness models have quite different methods, their aims in many ways, are to change appraisals. However, the Cognitive interventions aim to change the appraisal of the voice-content, while the Mindfulness-based interventions aim to change
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the appraisals of the experience, creating space for it, rather than trying to move away from, or suppress it. Whilst most of the Cognitive Interventions do attend to voice-content, it is in the context of ‘reality testing’ and disproving voice power and malevolence. There is not an attempt to engage with the voices. The Relational and Meaningful-Experience interventions however, have voice-engagement at their heart. They both see the voice-voice-hearer relationship as key to the intervention. However, the Relational Interventions see the voices as something to be asserted over. Relating Therapy especially, used assertiveness training as a key part of the intervention. Avatar Therapy also uses elements of assertiveness towards the voices, however, it also uses ‘script modification’ to attempt to move the voice from tormentor to supporter in the voice-hearer’s mind. Neither of these interventions appear to attempt to engage with the voices in terms of exploring what the voice-content might mean in relation to the voice-hearer’s life. The concept that the voice-content may be in some way meaningful to the voice-hearer is absent from this process. This would appear to be a key difference between the Relational and Meaningful-Experience interventions when considering their methods and the underlying change-mechanisms.

One way of considering the development of voice-hearing interventions is in viewing therapists moving closer to the voice-hearing experience alongside their clients. Voice-hearing interventions have moved from ‘coping strategies’, (ignoring voice-content), to ‘appraisal change’, (noting, but not engaging with, voice-content), to relational change, (engaging directly with voice-content), to considering voice-content as meaningful in the context of the voice-hearer’s life. These changes may reflect increased confidence in psychological models of voice-hearing, and applying understanding of these models to therapeutic interventions.
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**Strengths and Limitations:**

This review has aimed to give a ‘road-map’ of the therapies available and currently being researched for people hearing voices. As such it has used a ‘broad brush’ approach, which is both a strength and limitation, where it lacks depth, it has breadth to introduce the clinician to the range of interventions available. It has not been possible to fully appreciate the depth of data generated by the qualitative research. Research on therapies for psychosis that does not directly reference voice-hearing, has been omitted, however, much of this would almost certainly have therapeutic approaches relevant to voice-hearing.

**Clinical Implications:**

When considering all the interventions discussed above, one of the key clinical implications is intervention duration. National Institute for Health and Care Excellence, (NICE) guidelines (2014), recommend that people experiencing psychosis, including voice-hearing, should be offered 16 sessions of CBTp. However, fewer than 10% of patients are offered CBTp in the UK (Hazell, et al., 2018). In terms of accessing therapy, the intervention length of Avatar Therapy would support its wider adoption, however, proper training and equipment would be needed to support this. The HVNGs are also important due to their open-ended, referral-free nature. They provide significant support on an ongoing basis, which, when considering the chronicity of voice-hearing, is important.

**Research Implications:**

Whilst the different interventions largely share the same superordinate goal, their approaches to voice-hearing mean that the techniques used can be completely contradictory. Whilst some methods involve trying to ‘compete’ with the voices, others see them as having a meaningful ‘message’. Some methods involve ‘ignoring’ the voices, whilst
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others engage with them. Interestingly, all the interventions discussed above have had positive outcomes, so further research, perhaps into voice-hearer ‘satisfaction’ and ‘recovery’ in terms of living a fulfilling life would be helpful in identifying the interventions that will most support voice-hearers.

References


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lbrophy@unimelb.edu.au; Brophy, Lisa, 4/207 Bouverie Street, Carlton, Australia, 3010, Centre for Mental Health, Melbourne School of Po: Taylor & Francis. Retrieved from https://search.proquest.com/docview/1942926459?accountid=14874


Listening to the Voices?


Hayward, M., & Fuller, E. (2010). Relating therapy for people who hear voices: Perspectives from clients, family members, referrers and therapists. *Clinical Psychology and Psychotherapy, 17*(5), 363–373. University of Surrey, Guildford, United Kingdom m.hayward@surrey.ac.uk; Sussex Partnership NHS Foundation Trust, United Kingdom ; Hayward, Mark,Surrey,Guildford,United Kingdom,Gu2 7XH,Psychology Department, University of Surrey,m.hayward@surrey.ac.uk: John Wiley & Sons. Retrieved from https://search.proquest.com/docview/763163937?accountid=14874


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Strauss, C., Thomas, N., & Hayward, M. (2015). Can we respond mindfully to distressing voices? A systematic review of evidence for engagement, acceptability, effectiveness and mechanisms of change for mindfulness-based interventions for people distressed by hearing voices. *Frontiers in Psychology, 6*, 12. School of Psychology, University of Sussex, Brighton, United Kingdom c.y.strauss@sussex.ac.uk; School of Health Sciences, Swinburne University of Technology, Melbourne, VIC, Australia; Strauss, Clara, Pevensey I, Brighton, United Kingdom, BN1 9QH, School of P: Frontiers Media S.A. Frontiers Research Foundation. Retrieved from https://search.proquest.com/docview/1765604143?accountid=14874


### Appendix One - Papers excluded from review but relevant to this area:

**Table 13: Papers Excluded from Review Relevant to Therapeutic Interventions in Voice-hearing**

<table>
<thead>
<tr>
<th>Article Type</th>
<th>Number</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study Protocols</td>
<td>4</td>
<td>Birchwood et al., 2011</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hayward, et al, 2014</td>
</tr>
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Empirical Paper

Relating to the Voices: A Narrative Analysis of how the relationship between voice-hearers and their voices develops over time.

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(last accessed 23/05/19)
Abstract

Culturally stigmatised, voice-hearing is traditionally related to psychotic disorders. Not all voice-hearers experience their voices negatively. Therapeutic approaches are increasingly interested in voice-hearing relationships. However, there is little research into how voice-hearing relationships develop over time. Narrative analysis (NA) was used to investigate this. Seven participants were interviewed using a single narrative-inducing question. Transcripts were analysed across Lieblich et al’s (1998) two dimensions of NA, looking at plot, coherence, character, and cultural positioning. There appeared to be relationships between: narrative coherence and positive voice-hearing relationships; positive voice-hearing relationships and the availability of positive cultural positions; positive voice-hearing relationships and the availability of a supportive space to explore voice-hearing experiences.

A prototype ‘story-arc’ was created against which participants relationship developments could be mapped. There were six ‘chapters’ and an ‘epilogue’: First Experiences; Into the Chaos; Meet the Neighbours; The Unwanted Visitor; Turning points; Making Friends.

Almost all participants at some point expressed some positivity towards their voices. They described ambiguous or complicated relationships, however, many reported not wanting their voices to leave them. Relational-change appeared to be promoted by: proactive change by the participants in how they related to their voices; change of voice-content; change of appraisal regarding the voices. The availability of positive cultural narratives regarding the experience and identity of voice-hearing seemed to support the development of more positive voice-hearing relationships, however, these did not appear to be generally available outside of therapeutic spaces and voice-hearing communities.
Listening to the Voices?

**Background**

The experience of voice-hearing is traditionally related to schizophrenia or other psychotic disorders (Jackson et al., 2011). Culturally, voice-hearing in Western Europe, Northern America, is a highly stigmatised experience. Responses to voice-hearing can vary from discrimination and social exclusion (Mawson et al., 2011; Schizophrenia Commission, 2018) to being detained under the Mental Health Act (1983).

Whilst many find voice-hearing distressing, there are people who experience voice-hearing positively (Jackson et al., 2010; Peters et al., 2016). Nor are voice-hearers passive in their experiences, rather they react “cognitively, emotionally and behaviourally” to their “perception of [their] voices” (Perona-Garcelán et al., 2016, p454). Research has found that beliefs about voices strongly predicted voice related distress (Byrne et al., 2003). Whilst Holt and Tickle, (2015), have conducted research into how “people construct an understanding of the origin and maintenance of their experience of hearing voices” (p256) there appears to be little research exploring how people develop their initial voice-hearing relationships.

There are a range of different psychological approaches to treating voice-hearing: Cognitive (Birchwood et al., 2014; England, 2008; Hazell et al., 2018; Penn et al., 2009; van der Gaag, et al., 2012); Mindfulness-based (Chadwick et al. 2009; Dannahy et al. 2011; Louise et al., 2018; Shawyer et al. 2012); Relational (Craig et al., 2018; Hayward, et al., 2017; Leff, et al., 2013); and Meaningful-experience models (Beavan et al., 2017; Longden et al., 2018; Schnackenberg et al., 2017). Recent interest in how voice-hearers relate to their voices has led to the development of relationally-based therapies, (Craig et al., 2018; Hayward et al., 2017; Leff et al., 2013) which aim to change how voice-hearers relate to their voices.
Listening to the Voices?

Despite relationship-change regarding voice-hearing being the aim of many therapeutic interventions, there appears to be little research into how relationships between voice-hearer and voices change over time. Chin et al., (2009) researched the voice-hearing relationship, however, the development of the voice/voice-hearer relationship does not appear to have been investigated. As such, this research set out to answer the question: How does the relationship between voice-hearers and their voices develop over time?

Method

Aims, Approach and Methodology

As relationships are socially constructed, a social-constructivist epistemology was used, that is, “the assumption that people are social beings who are creating, and being created by, their understandings of the world around them,” (Banister et al., 2007 p244). Narratives are one of the ways that people construct and make sense of their world. Narratives and relationships are closely interwoven. Narratives help create identity and sense of self. Bruner, (2004) talks of the importance of being in a community with shared meanings in narrative creation. This is important in terms of voice-hearing and the social narratives surrounding it that isolate and alienate people from others, and from themselves.

As this research aimed to investigate how voice-hearer’s relationships change over time, Narrative Analysis (NA) seemed ideally placed to investigate these changes because of the way that narratives shape our relationships, and because of NA's ability to investigate change over time: there are “three key features of a narrative, namely that it has a temporal dimension, it is meaningful, and it is inherently social in that stories are produced for specific audiences.” (Elliott, 2005, p11).
Listening to the Voices?

Ethics

Ethical approval for this research was received from Bangor University School of Psychology, the Health Research Authority, Yorkshire and The Humber - Leeds East Research Ethics Committee, and North Wales Research and Development.

Participants

Seven participants were recruited as below (Table 1).

Table 1: Participant Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Age at time of research</th>
<th>Age 1st started hearing voices</th>
<th>Recruited from</th>
<th>Interview Location</th>
<th>Interview length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin</td>
<td>29 years</td>
<td>Before 2013</td>
<td>Early Intervention in psychosis service</td>
<td>Home</td>
<td>55 minutes</td>
</tr>
<tr>
<td>Lee</td>
<td>34 years</td>
<td>Has been hearing voices for approx. 7 years</td>
<td>Early Intervention in psychosis service</td>
<td>3rd Sector Agency</td>
<td>73 minutes</td>
</tr>
<tr>
<td>Katie</td>
<td>47 years</td>
<td>16 years</td>
<td>Early Intervention in psychosis service</td>
<td>NHS Premises</td>
<td>78 minutes</td>
</tr>
<tr>
<td>Iain</td>
<td>60 years</td>
<td>Heard a voice as a child, and teenager, stopped in early 20’s and then restarted several years later</td>
<td>Community Mental Health Team</td>
<td>NHS Premises</td>
<td>101 minutes</td>
</tr>
<tr>
<td>Scott</td>
<td>48 years</td>
<td>38 years</td>
<td>Hearing Voices Network Group² (HVNG)</td>
<td>HVNG Premises</td>
<td>64 minutes</td>
</tr>
</tbody>
</table>

¹ All names are pseudonyms
²Peer Support Group (see Literature Review for more details)
Design

A narrative interview design was used, which is “an interview design that focuses on the elicitation and provocation of storytelling,” (Wengraf, 2001, p127). Within this design, Wengraf’s (2001), “Single Question (aimed at inducing narrative)” (p129) was used as the basis of the interviews, however, when needed, scaffolding questions were utilized. This design was selected to privilege the experiences and voices of the participants. Starting with a single question created space which allowed participants to retell their experiences in the way that they wished. It empowered participants to narrate their experience with as little influence from the researcher as possible beyond setting the outlines of the research area. The aim of the Single Question is to “for as long as possible … give up control, refuse to take up offers of partial control, and maintain the maximum of power-asymmetry against yourself,” (Wengraf, 2001, p129). As this population often experiences deleterious contact with powerful agencies, this privileging of their voice and experiences was important.

Procedure

Participants were interviewed across a range of settings (see Table 1). Participants were orientated towards the approach, and then asked:
“I would like to understand your experience of hearing voices and how it has developed over time; in particular, the relationship you have with the voices you hear, how those relationships started, and changed as time has passed. Have any changes in these relationships occurred as your life has changed and moved on? It would be helpful to understand how you have made sense of the experience of hearing voices, and whether your understanding has changed during this time.”

Initial ‘story summaries’ were generated focusing on the ‘plot’ aspects of the participants’ narratives. These were reviewed with the participants to minimise researcher bias. This was used to inform further analysis. This co-creation of initial plot generation helped continue to privilege the participants’ voices and experiences.

**Reflexive Statement**

I have been strongly influenced by Eleanor Longden’s 2013 Ted Talk (viewed 2014-15). She stated: that voice-hearing was “a complex, significant and meaningful experience” (Longden, 2013). The idea that sense could be made of the voices, that they could be positively engaged with, and that there was the possibility of meaningful recovery, was somewhat revolutionary for me and shaped my thinking and attitudes thereafter. This drove my choice of research.

I believe that narratives shape and create the world we live in, both positively and negatively. I am interested in the way that social positions are made available to, or closed off to, different groups of people. I also feel it is important to give voice to the under-privileged, under-powerful, and stigmatised. This is reflected in my choice of using narrative analysis.
Listening to the Voices?

**Analysis**

**Overview:**

NA is not a rigid set of techniques, but an umbrella term for a range of approaches that can be selected from as is most suitable for the question being explored (Elliott, 2005; Murray & Sargeant, 2011; Phoenix et al., 2010).

Following Skippon's (2010) method of NA, selected NA techniques were used to analyse the transcripts across Lieblich et al’s (1998) two dimensions. Lieblich, et al., (1998) proposed that NA takes place across two dimensions (see Figure 1).

![Figure 1: Lieblich et al's (1998) Two Dimensions of Narrative Analysis](#)
These two dimensions of NA were used as a framework against which a range of other Key NA methods of analysis were used. In Lieblich et al.’s (1998) Content-Form dimension, the Content ‘pole’ considers ‘what is said’. It analyses what happened, considering: the meaning ascribed to experiences (Baerger & McAdams, 1999; Elliott, 2005; the use of cultural resources and positioning, looking particularly at how participants both took up cultural positions (Baerger & McAdams, 1999; Riessman, 1993), and experienced having cultural positions being imposed upon them; and the temporal dimension of the story (Elliott, 2005; France & Uhlin, 2006). The Form ‘pole’ considers ‘how the story is told’. It considers: the structure of the plot (Labov & Waletzky, 1967); plot coherence (Linde, 1993), including temporal dimensions and meaning ascribed to experiences; choice of language and performance (Lieblich et al., 1998; Phoenix et al., 2010; Riessman, 1993), considering how the stories were told in order to convey the important aspects of participants’ experiences, (emphasis, volume, tone and non-verbal mannerisms); and the use of cultural resources.

In the Holistic-Categorical dimension, the Holist ‘pole’ looks at the narrative in its entirety and seeks to understand narrative ‘as a whole’. The Categorical ‘pole’ “break[s] the text into relatively small units of content and submit[s] them to ... “content analysis”” (Lieblich et al., 1998, p112. It does not “attempt to preserve the integrity of the whole account,” (Elliott, 2005, p34). Labov and Waletzky’s (1967), Structure of Narrative (see Figure 2) was used when considering the transcripts both holistically and categorically. This identifies component features needed to make a coherent narrative.
This Structure of Narrative was used to help identify the ‘overarching narrative’ at the ‘Holistic Pole’, and to identify ‘micro-plots’ at the ‘Categorical Pole’. These micro-plots sometimes formed ‘stand-alone stories’, but often, although they could be taken as ‘stand-alone stories’, they were also used to move the over-arching narrative along and create the overall narrative. These ‘micro-stories’ could be considered as pearls on a necklace: each pearl is complete in itself, but put together, they form the string of pearls that make up the entire necklace. Whilst Labov and Waletzky’s (1967) Structure of Narrative was used as to help consider what made a coherent narrative and was used as the framework for consideration of narratives, performative aspects were used to help identify key ‘plot points’ within narratives.

Each transcript was analysed against both poles of Lieblich et al.’s dimensions, using different analytic methods as appropriate to each dimension / pole. There was a complex analytic interaction between Lieblich et al.’s (1998) Two-Dimensional framework, and the other NA methods selected to analyse transcripts within that framework, (see Figure 3).
Coherence

Coherence was a key consideration within the analysis. Coherent plots followed Labov and Waletzky's (1967) Structural Model of Narrative, they had a temporal dimensional, moving the listener from past to present, and experiences were ascribed meaning by the participants.

Characterisation, and identity, (Elliott, 2005) was examined. Participants’ appraisals of their voices ‘characters’, and the impact of these appraisals on relationships was a focus here.

Story-summaries

Following Skippon’s (2010) method, ‘Story-summaries’ were created for each participant, capturing the ‘plot’ of their story, using Labov and Waletzky’s, (1967) model, reflecting the important turning points, participants’ evaluation and sense-making, conclusion, and coda.
Inter-plot commonalities

Labov and Waletzky’s (1967) model was used to identify commonalities in plot and structure at a holistic level. Again following Skippon’s (2010) method, an ‘over-arching storyline’ or ‘story-arc’ was created, using the below levels of data-refinement (see Figure 4).

![Diagram of Story-Arc Creation Process]

Figure 4: Illustration of Story-Arc Creation Process

The story-arc was a prototypical experience of voice-hearing, against which participants’ different experiences could be mapped. It was “expressed in a series of chapters, each of which reflected significant plot developments. The transitions between chapters represented not chronological passage of time, but rather substantial shifts in the meaning of the events,” (Skippon, 2010, s2-p9).
Listening to the Voices?

Results

Participant Involvement:

*Engagement in interviews:*
During the interviews the researcher kept largely silent, using minimal encouragers to support the flow of narrative and indicate her engagement in the process. Participants all engaged willingly with this process, however, Lee, Iain, Martin, and Sarah, needed prompting questions to support the telling of their stories. Sarah and Martin gave ‘overviews’ of their experiences, describing them in ‘broad strokes’, they then needed scaffolding questions to support the unfolding of more detailed narratives within the broad framework they initially described. Lee and Iain would often return to the present, describing their current (at the time of interview) experiences. Iain asked the researcher several times what her explanation for his experiences might be. She responded with reflective comments such as, “*it sounds really confusing*”. Katie, Scott, and Eliza, all narrated their experiences with minimal or no further questions or comments from the researcher.

*Responses to story-summaries:*
Lee did not respond to follow-up contact but did not withdraw consent for the use of his data. Martin responded via brief email stating he was happy with his story-summary. Iain stated that his story-summary ‘made him think about his experiences’, and that he was happy with it in terms of reflecting his experiences. Katie, Scott, and Eliza, all felt that the story-summaries reflected their experiences. Eliza, who talks regularly about her voice-hearing, reported that it was the first time she’d seen her story ‘as a whole’ rather than as separate elements used to illustrate different parts of her voice-hearing experiences. Sarah reported
that overall it was accurate, however the ending (her current situation) had over-emphasised how positive things were, rather, she still found the voices very difficult.

**Plot and Coherence**

There were varying levels of coherence in participants narratives when evaluated through use of temporal plot development and ability to map narratives onto Labov and Waletzky’s model, (see Table 2).

**Table 2: Levels of Coherence across participants’ narratives and development of relationship with voices**

<table>
<thead>
<tr>
<th>Level of coherence</th>
<th>Participants</th>
<th>Development of Relationship with voices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coherent narrative created from single narrative-inducing question. Little or no further questions / comments needed. Could easily map the holistic narrative onto Labov and Waletzky’s model.</td>
<td>Eliza</td>
<td>Had achieved what appeared to be a generally positive relationship with her voices, felt that the voices were an important positive aspect of her life.</td>
</tr>
<tr>
<td>Scott</td>
<td></td>
<td>Had achieved what appeared to be a generally positive relationship with his voices, stated he was not sure if he would feel “cured” if the voices went (Line 239).</td>
</tr>
<tr>
<td>Katie</td>
<td></td>
<td>Had achieved what appeared to be a generally positive relationship with her voices, stated that she thought that she would feel “lonely” if the voices went.</td>
</tr>
<tr>
<td>Able to give a broad overview of their experiences following the single narrative-inducing question. Needed ‘scaffolding’ questions to create more detailed narratives. Could map the holistic narrative onto Labov and Waletzky’s model.</td>
<td>Martin</td>
<td>At time of research related to voices as “self-talk”</td>
</tr>
<tr>
<td>Sarah</td>
<td></td>
<td>Had developed a more positive relationship with her voices, but stated in feedback discussion that although she felt they served a purpose in her life, she still often struggled with them</td>
</tr>
<tr>
<td>Unable to give coherent narratives from the single-narrative inducing question. Much of the interview told in</td>
<td>Lee</td>
<td>Unclear what his current relationship with voices really was like, and although he did describe a change in the voice-content, the development</td>
</tr>
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</table>
Coherence appears to mirror the positive development and change of participants’ relationships with their voices. Participants who appeared to have the most coherent narratives appeared to have the most positive and psychologically coherent framework of understanding of their experiences. They also appeared to be the participants who most described their voice-hearing relationships as being positive aspects of their lives.

**Cultural Resources and positioning, Performance**

Availability of cultural resources played an important role in the explanatory-sense-making experiences of participants and impacted participants’ relationships with their voices.

Eliza was never afraid of voice-hearing:

> “[in] my teenage years, I read a lot, [of] Jungian psychology and [understood] my experience as part of ... my subconscious ... expressing, itself through these voices,” (Lines 143-145).

Lee used a supernatural explanation for some of his experiences,

> “[I had] spirits coming to see me, and ghosts,” (Line 265).
Iain rejected the supernatural position, but that left him with a medical-model understanding, or the ‘folk-culture’ interpretation of that:

“I don’t think it’s my twin,” (Line 628).

“I’m either, schizophrenic, or I’m crazy,” (Line 82).

Different cultural understandings seem to have influenced different participants’ beliefs regarding the possibility of creating relationships, which potentially influenced the subsequent development of those relationships.

The concept of having or increasing personal agency regarding voice-hearing did not appear to be a culturally available position to most participants. This seemed to become accessible only through therapy or contact with voice-hearing communities. Only limited and largely negative cultural positions (schizophrenic, mad, dangerous, unstable, ill,) appeared to be initially available to most participants,

Martin:

“...the paranoid schizophrenic diagnosis, ... kind of, writes you off,” (Lines 105-106).

None of these positions were conducive to developing positive voice-hearing relationships, or believing this was possible. Only when alternative explanations became available did many participants’ relationships begin to change:

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*Iain had a stillborn twin brother*
Listening to the Voices?

Sarah:

“I found out that I wasn’t alone, other people had developed these relationships with the voices. ... the more I came, the more I began to talk about my voices and open up, ... it just seemed more and more feasible, that I could do this,” (Lines 39-44).

Characterisation

Participants’ characterisations of their voices (evil, well-meaning etc), seemed to map onto their changing relationships with them, this is explored in more detail in Chapter Three of the story-arc (below).

Holistic Analysis

A proto-typical story-arc was created from the participants’ individual holistic narratives. Each participant’s narrative can be followed through this story-arc, although they each experienced the different ‘chapters’ uniquely.

The Story-arc

Chapter One – First Experiences

All participants were able to recount their first experience of voice-hearing. However, their appraisals of this experience, and subsequent relationships with them were markedly different. Both Scott and Sarah started by hearing whispering, which then turned into voices. For Martin, Katie, Scott, and Sarah, it was a traumatic, frightening, or confusing experience. This seemed to set the tone for their relationships with their voices and their experiences continued in that manner for a significant period of time.
Listening to the Voices?

Martin:

“[there was] a lot of confusion at the start, not knowing what they were,” (Line 47).

Katie concealed her experiences,

“I never told anybody that I was hearing voices, I’d worked out by now .... that this wasn’t normal,” (Lines 17-19).

Fear of the implications of voice-hearing marked Scott’s first experiences:

“[I], kept it to meself cos ... I’ve got a wife and, three kids, I don’t want to end up locked up somewhere,” (Lines 5-6).

Lee, Eliza, and Iain, had different first experiences. For Lee it was more akin to discovering an extra ability. Both Eliza and Iain had experienced voice-hearing or unusual communication in their childhood and experienced this positively. Eliza’s early childhood was filled with communication with invisible friends. Then, aged nine, she started hearing voices in what could be considered a more ‘traditional manner’.

“I started hearing, [a] critical voice and ... a voice that ... just constantly, describe[d], what I was doing,” (lines 66-68).

Iain had had a voice in his childhood with whom he was,

“...very good friends,” (line 217).

This voice stayed with him until his late teens. Iain’s voice returned when he started a relationship with his current wife, and was derogatory towards her.
Chapter Two – Into the chaos

All the participants, however they initially experienced voice-hearing, appeared to find voice-hearing and/or the consequences of it brought at least some element of disruption, confusion, or chaos into their lives.

Scott’s experiences,

“...bled into the real world,” (Lines 173-174).

“I had like a, full breakdown, and were hearing loads of ... different, voices, and then, I think wife finally had enough of me, ... so I finished up living with me Mum and Dad ...[then] they got fed up of me,” (Lines 14-16).

Iain’s wife moved into a separate bedroom to him. Distress over voice-content affected the mental-health of most of the participants. Katie,

“... got heavily into drug use, [to] escape from it,” (Line 19).

Sarah experienced extreme levels of paranoia due to what the voices told her,

“The voices were saying these people are out to get you, I believed ... that the police were... following me all the time, ... as a result, I would kick off with t’police sometimes, and I got arrested a few times ... it just all got too much for me, ... I remember, walking about, in my nightie, and leggings, like, four five o’clock in the morning, with me dog,” (Lines 71-75).
Listening to the Voices?

Martin found the voice-driven anxiety highly distressing:

“[I would] be having panic attacks from what I was hearing, ... I remember going out at like five in the morning for a run in the snow, to try and cure the anxiety,” (40-42).

Although Eliza experienced perhaps the least distress and chaos in relation to her voice-hearing, she described her experience in her teens as:

“...very chaotic ... it was more the sort of, ... surviving, ... coping with my suicidality, ... was always a bigger issue, ... ...[it] was more [of a] problem than, the actual voices,” (Lines 161-165).

Narratives of this element of participants’ experiences seemed largely to be filled with confusion, fear, and distress. Martin eloquently described his experience of confusion:

“...trying to make sense of it, it’s like a hall of mirrors,” (Lines 80-81).

Chapter Three – Meet the neighbours

The participants experienced their voices differently. As participants ‘got to know’ their voices, the voices seemed in many cases, to be entities separate from the participant, with different identities, personalities, opinions, and functions:

Martin:

“[There were] different personalities like a deity, it’s like [a] goddess type thing, one said it was like an organ in my body [saying],

“oh this is your heart speaking,”
... There’s ones with different forces behind them ... you get the angelic kind, calming, reassuring compassionate, inner voice, but then you also have the opposite of that, the hostile, negative, scary, powerful, fierce-some voice,” (Lines 78-91).

Lee:

“...they were people I knew, ... old friends, distant relatives, close relatives, ... they used to come over as good cop bad cop a bit, where one voice would want to fight, ... the other’d just, help you out at every, chance they possibly could,” (Lines 79-84).

Katie, Scott, Eliza, and Sarah, all heard voices with distinct personalities and they all came to name at least some of their voices. Scott had ten voices, but three key ones: Del, Max, and M’Lady. Sarah had Sherlock and Freddy, and then later, a voice that she only referred to as, “...a good voice,” (Line 34).

Katie had Edward-in-the-Wall, Rose, No Name, and Seela, who all arrived at different times. Eliza had numerous voices that came and went over the years. These included the Critical Voice, the Observer, Dee-mon, Domina, a Sea God, an invisible friend, and Aslan, her spiritual guide,

“[Domina’s] very, keen, on, excitement, and adrenalin and, fun, ... any sort of, intense experience, she’s got, quite different values to me, but, she seems, to really like me ... she doesn’t understand things like tiredness, she thinks pain’s great, I don’t think pain is great,” (Lines 350-358).
Apart from Lee, and perhaps, to a lesser extent Martin, all the participants’ voices appeared to have their own separate identities, including inter-voice relationships:

Scott:

“Max and Del are always arguing and falling out, because, they both want me to, live me life a different way,” (Lines 84-85).

Iain was the only one of these participants not to name his Voice, although it clearly had an existence of its own in Iain’s mind. Iain described conversations, arguments, and the voice’s clear, (and different to Iain’s) opinion regarding his wife.

**Chapter Four – The Unwanted Visitor**

For all participants there seemed to be times, sometimes extended periods of time, when their voices were aggressive, threatening, or argumentative. Sarah, Scott, and Iain, all explicitly described times when they had wanted the voices to go,

Scott:

“It were me goal, to get rid of them,” (Lines 230-231).

Lee’s voices told him they would kill his children. Iain’s voice was derogatory about his wife much of the time. Sarah found her voices, repeatedly telling her that she was in danger and being watched, frightening. Martin’s voice constantly belittled him. Katie described Edward as,

“...evil to start with,” (Line 117).
Listening to the Voices?

Eliza was the only participant who was explicit in never having wanted her voices to go. Rather, she found the time when she was on medication, which muffled them, very distressing:

“They help me function, the voices have always helped me navigate life … not being able to hear them was actually really confusing and really, destabilising,” (Lines 236-240).

However, her description of Dee-mon indicates that she did not have an easy relationship with all her voices,

“Dee-mon … comes along when I’m very, overwhelmed, and she will, feed off it and she will happily make me more scared and more vulnerable … and more full of self-hatred,” (Lines 336-337).

Chapter Five – Turning Points

Most of the participants had what could be considered significant turning points in their relationships with their voices. Although change was a slow process, Martin, Katie, Scott, Eliza, and Sarah, all described what could be considered turning points that changed their relationships with their voices.

Martin and Eliza both had ‘internal’ turning points in their attitude to the voices:

Eliza:

“The hearing voices network … was the first experience I had of people, taking an interest, in those experiences, in a curious, accepting, helpful, constructive way, …
listening to the voices were important, helped me ... realise, that my way of relating to the voices had been very, ... dismissive,” (Lines 273-278).

“I ... decided to commit to change how I relate to, myself and to the voices, ... within 24-hours of making that decision, three ... voices ... came to me and said ‘we’re so relieved that you made this decision because now, hopefully, we can express ourselves the way we’d like to,’” (Lines 302-305).

Martin:

“[The] first step to recovery is believing you can recover, and, this was like a crucial point, for me,” (Lines 108-109).

He started doing kickboxing and paying attention to the positive things in his life and,

“...everything just, flipped on its head,” (Line 233).

He described therapeutic support that assisted with,

“...making sense of the bad stuff, [therapist]’s quite good at stuff like that, seeing things from a different perspective or an angle,” (Lines 251-253).

Scott and Sarah’s turning points were attending group and doing voice profiling⁴ and dialoguing⁵.

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⁴ Profiling ‘who’ the voice is
⁵ Talking to the voice
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Scott:

“...the whole change really were me coming to this group, and ... admitting I were hearing voices,” (Lines 86-87).

For Katie it was work on a timeline that she did with her therapist which allowed her to relate changes in her voice-hearing to her external environment:

“The whole thing was very confusing, because I couldn’t see a relationship at all between me and [the] voices, [and] what was happening in life, we wrote out... the timeline, an I began to see, ... when [something] happened, the voices started doing something different, and that to me was a kind of epiphany,” (Lines 279-297).

Whilst Lee and Iain have had some changes in their relationships with their voices, these do not appear to have been ‘turning points’ that led to the same sense of resolution or understanding that the other participants appeared to experience.

**Chapter Six – Making friends**

These turning points marked the start of a change for the better in participants’ relationships with their voices. For most participants, the voices, at least at some point, became a source of comfort and/or wisdom.

Sarah found her ‘good voice’, would,

“...offer, little breathing exercises that I could do, so that helped, ... he’s not there all the time but when he does speak to me he’s really comforting,” (Lines 294-299).
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Martin:

“...the self-deprecating voice [said] ‘I’m proud of you, for going [to kickboxing] today’ so it turned from, like a self-discriminating voice, to self-praisal,” (Lines 140-142).

Eliza found her voices helped her connect with her spirituality, while Max became Scott’s “best friend,” (Line 40).

Although Iain had not had the same turning point as the other participants, he described supportive conversations with his voice after his brother died:

[Voice] “‘you’ll be alright mate, don’t worry about it ... talk to me, ... We’ll get through it,’

[Iain] ‘you mean I’ll get ... through it’,

[Voice] ‘nope, we’ll get through it,’” (Lines 555-558).

Lee was the only participant who seemed to have found least support or benefit coming from at least some element of the relationship he had with his voices; however, he did talk positively about seeing ghosts and spirits as part of his unusual experiences,

“...these, spirits and stuff appear, and try to communicate with you, and, they’re all about your house and ... they’re really surprised that I can see them yeah? And I love it, I absolutely love it, my life would be boring without it,” (Lines 261-263).
Epilogue – Living with the voices

At the time of interviews, all the participants were still hearing voices. Their attitudes towards their voices ranged from complicated to positive. Eliza and Scott were clear that they did not want their voices to go. Lee was perhaps the least ambiguous about wanting his voices to go,

“It’ll never go, I don’t want them to go, but it’s fading away, … I’m hopeful that it will reach a point, .. where it was, .. for the 20 years before I started noticing that I was hearing them ...” (Lines 43-45).

He also stated,

“I’m missing some [voices] already, and I’m glad that some are gone,” (Lines 237).

“If you put the positive and the neutral together, they definitely outweigh the negative now, whereas before, it was very negative,” (Lines 23-25).

Iain expressed ambiguity,

“He’s my friend. I treat him as a friend, ... I think he’s I think he’s fucking great me, when he’s, not going on about [my wife], because ... I really don’t, like that,” (Lines 363-367). “I would like it to stop, but then again, if it did stop, I might be heartbroken,” (Lines 671-672).

Sarah still finds the voices really difficult to live with a lot of the time, and is still learning to communicate with them. She did describe having rare times of companionship,

“...we have, regular programmes that we watch now, and Freddy likes the soaps, so I watch soaps, ... it’s like living with two people,” (Lines 339-340).
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She described still trying to reach a point of balance with her voices. However, she still felt that,

“I wouldn’t want them to go away now, because they help me,” (Lines 55-56).

Katie:

“...it’s been a journey really, ... from hearing that first voice, Edward, the first time in school, .. it’s been, one tremendous journey of ... discovery,...It sounds strange, but I hope they don’t [go]. I think I’d be lonely. I think I’d almost feel, ‘Why have you left me? That’s not fair. What did I do wrong?’” (Lines 412-417).

Scott:

“To be honest, ... if mine went, I’d be quite, ... upset. ... it’d be like losing friends in a sense. I ... would definitely miss them, and I don’t even know if I’d see meself as cured,” (Lines 232-239).

Martin had moved furthest from the voice-hearing experience:

“I say now, it’s just, ... self-talk, I see it as now, me talking to myself,” (Line 49).

Holistically, the participants’ narratives appeared to follow a sequence over time, however, time spent at different ‘chapters’ varied. Notably, although Iain and Lee have had relationship changes, they do not appear to have had the ‘turning point’ that set their voice-hearing relationships on a new trajectory in the way that other participants had.
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Discussion

The creation of the story-arc demonstrates that all the participants in this research had, to differing degrees, relationship developments with their voices. However, participants did move differently through the story-arc, and for some, the changes they experienced were less driven by agency than circumstance. Table 3 (below), describes the types of change-promoting events and relationship developments.

**Table 3: Change-promoting events and relationship development**

<table>
<thead>
<tr>
<th>Type of change-promoting event</th>
<th>Types of relationship development</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proactive change by participants regarding how they related to their voices,</td>
<td>Voice-content changed. A more positive relationship developed</td>
<td>Martin, Eliza, Scott (Katie)</td>
</tr>
<tr>
<td>The voice-content changed,</td>
<td>How the hearer related to their voice changed, leading to a change in relationship that reflected the positivity or negativity of the voice content</td>
<td>Iain, Lee</td>
</tr>
<tr>
<td>The participant changed their appraisal of the voices (voice content did not appear to change greatly),</td>
<td>The participant was able to ‘make peace’ with the voices and not become so distressed by them.</td>
<td>Sarah, Katie (in relation to Edward)</td>
</tr>
</tbody>
</table>

Martin changed how he related to himself, and how he lived his life, this led to a positive change of voice-content for him. Eliza changed how she related to herself and her voices, again leading to improved relationships. Scott’s use of voice-profiling and dialoguing led to positive changes in voice-content and improved relationships. Katie’s understanding via the timeline, that the voice-content related to external events created “an epiphany” that reframed her understanding of her voice-hearing experience. Her voice Rose became less critical and more concerned for Katie’s well-being.
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For Iain and Lee the voice-content appeared to drive the relationship change. Iain had been friends with his voice as a child, but when it became derogatory about his wife, the relationship became argumentative much of the time. Lee’s relationship with his voices appeared to improve over time, with the voices changing from threatening the lives of his children to asking about his shoe choice (Lines 179-180). Lee struggled to articulate what may have precipitated this change.

Sarah’s voices still appear to have similar preoccupations to when they first manifested, as does Edward for Katie. However, both seemed able to perceive a protective intention behind their voice-content, enabling them to feel that the voices have a positive purpose.

Consistent with France and Uhlin’s research (2006), the results indicate that voice-relationship development does not appear to occur in a vacuum. Whilst the reason for different voice-content is not always clear, voice-relationship development appears to be due to a complex interaction between voice-content, inner appraisals, external influences (how others perceive voice-hearing), and important life changes.

Therapy or group support appears important in facilitating change-promoting events. It seemed to play a key role in the turning points for Martin, Katie, Scott, and Sarah. Although Eliza’s relationship with her voices was perhaps always the least problematic of all the participants, she still noted that attending group facilitated her turning point. It is unclear from Lee’s narrative how therapy has influenced his voice-hearing relationships, and he did not describe anything that appeared to be a ‘turning point’. However, from the change in voice-content described above, it would not seem unreasonable to attribute some of that level of change to the therapy he received. Only Iain had not received psychological support,
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which perhaps explains his repeated question, “am I schizophrenic or am I mad?” and the lower level of positive relationship-change he has experienced comparative to the other participants.

Consistent with Corstens, et al.'s, (2014) and France and Uhlin's (2006) work it appears that the different opportunities for participants to explore their experiences were important regarding their ability to develop a coherent, positive framework of understanding of their experiences. This seemed important in the development of more positive voice-hearing relationships. It was possible to see therapeutic influences on participants. Martin had re-framed his experiences with the help of his therapist. Katie’s therapist introduced to her the idea of the ‘well-meaning but not very helpful’ character of Edward, which allowed her to reframe her experience of him. Scott, Eliza, and Sarah, all attended a Hearing Voices Network Group, which allowed them a positive framework of engagement with their voices and a meaning-making space that encouraged dialogue and positive relationships with their voices. France and Uhlin, (2006) note that narratives “[help] people to deconstruct oppressive narratives and generate alternative stories which allow for better function and higher degrees of agency,” (p54). Therapeutic spaces can potentially be seen as opening access to new cultural narratives, and facilitating narrative changes that allowed positive relationship development for most of the participants in this research.

**Strengths and Limitations**

**Strengths**

Using Narrative Analysis (NA) created rich and detailed data with which to work. The use of NA illuminated a link between having the space and audience with which to create and explore a narrative, and the creation of a more positive voice-hearing relationship and sense
of identity as a voice-hearer. The chronological aspect of NA supported the exploration of relationship development over time. However, perhaps the greatest strength of the research was in its collaborative and co-creative philosophy. Returning to participants with initial story-summaries allowed a degree of confidence in the fidelity of the story-summaries, and privileged the participants’ voices.

**Limitations**

Using a single narrative-inducing question meant that there were potential areas of interest that could not be followed up. It was not possible to ask participants what was happening in their external lives during points of voice-hearing change if they did not articulate this. Whilst NA has a chronological aspect to it, the narratives did not tend to give clear timescales. Although the narratives had a sense of time, it was not possible to ascertain accurately how long different participants spent at different ‘chapters’ in the story-arc.

The range and number of participants is a limitation. A lot of voice-hearers can, for a range of reasons, be very reluctant to discuss their voice-hearing, and thus were self-excluded from the research; their experiences and story-arcs could be very different to the one found here.

**Clinical Implications**

This study indicates that voice-hearing relationships develop over time. For all the participants the relationships changed and developed over years. Katie, Scott, and Sarah, all explicitly referenced the positive relationship changes occurring over a period of years, not weeks or months. This would suggest that therapeutic interventions may need to follow a client over a period of years. It may, or may not, be necessary for that to be regular contact; however, it appears that clients would benefit from being allowed time and space in which to
explore and develop more positive relationships. This contrasts with NICE guidelines (CG178, 2014), which talk of 10 Family Intervention sessions and 16 Cognitive Behavioural Therapy sessions.

For most participants it appears that the narratives of agency regarding voice-hearing, and the possibility of developing positive relationships with their voices, were not initially available. The participants who appeared most at ease with their current voice-hearing experiences were those who seemed to have discovered, through therapeutic interventions and having positive voice-hearing relationships role-modelled in front of them, that positive voice-hearing relationships were possible. Consistent with Jackson et al.'s (2010) research, this would suggest that introducing narratives of agency regarding voice-hearing, and the possibility of developing more positive voice-hearing relationships would be clinically helpful.

Participants experienced parallel difficulties to those identified by Freeman et al.,’s (2004) research into delusions and the availability of alternative positions. Only highly stigmatised cultural positions (mad, schizophrenic, dangerous, to be “locked up”, ill, all positions referenced by the participants) seemed initially available to most of the participants. As Baerger and McAdams, (1999) stated, “people rely on the narrative archetype in order to translate their personal histories into meaningful stories and unified identities,” (p70). The negative voice-hearing narratives available to most participants potentially cut them off from their families and wider community and may have prevented them from developing relationships with their voices, or even being able to access that possibility as a concept. This appears to have had a potentially profound impact on the initial creation of relationships with voices. This would suggest that the creation of different voice-hearing identities and
narratives would be important clinically and at a public health information campaign strategy level.

**Future Research:**

The number of ambiguous-to-positive voice-hearing attitudes related by participants does not appear to be a representative experience of voice-hearers. Research into levels of positive attitudes, changes in attitudes over time, and the relationship between changes in attitude, therapy, and availability of alternative cultural positions and social-networks (audiences with shared positive voice-hearing narratives) could help identify therapeutic approaches or social narratives that support these changes.

Further research on how people develop their voice-hearing appraisals when they first started hearing voices, and what led to the formation of those initial appraisals would be helpful. This would help inform early interventions and anti-stigma campaigns.

It would be helpful to repeat this research with participants who have very malevolent voices, to see if their story-arc differs, or if they are ‘stuck’ at the ‘unwanted visitor’ stage of the above story-arc. If this were so, how people can be helped to move further along the story-arc would be the next step of that research.

**References**


Beavan, V., de Jager, A., dos Santos, B., Jager, A. De, & Santos, B. (2017). Do peer-support groups for voice-hearers work? A small scale study of Hearing Voices Network support groups in Australia
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Van Der Gaag, M., Van Oosterhout, B., Daalman, K., Sommer, I. E., & Korrelboom, K. (2012). Initial evaluation of the effects of competitive memory training (COMET) on depression in schizophrenia-spectrum patients with persistent auditory verbal hallucinations: A randomized
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Contribution to Theory and Clinical Practice

Implications for future research and theory development

There are some clear areas for further research following the research discussed in the empirical paper. Overall, the participants in the research had received a lot of therapy, albeit from different sources. It would be interesting to repeat this research with different voice-hearing populations (non-clinical voice-hearers; voice-hearers who have received no, limited, or short-term only psychological interventions; voice-hearers whose voices are powerful and/or malevolent). There would be several key points of comparison:

- What voice-hearing positions and identities had they found?
- What explanations for their experiences had they developed?
- Did their experiences follow the story-arc, or some part of it?
- How coherent were their narratives?

It would be useful to identify how these different voice-hearing populations map onto the story-arc.

When further researching the generalisability and utility of the story-arc there are several different lines of research that would be helpful:

- A longitudinal study following relationship-development in a cohort of participants, starting when they are first identified as having a ‘First Episode of Psychosis’ or disclose voice-hearing, and continuing over an extended period of years (when looking at the time-frames from the research above, a minimum of ten-years).
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- Quantitative research, developing questionnaires or semi-structured interviews to investigate whether voice-hearers would:
  - agree with the relationship-development described in the story-arc;
  - be able to identify their journey through the different ‘chapters’ of the story-arc;
  - find, or have found, the story-arc helpful in making sense of their experiences;

How different voice-hearing populations responded would be an important element of this research.

When synthesising information from the literature review and empirical paper, one thing of note from the literature review is that in some studies, some patients reported either significant reduction of voice-hearing experiences (Dellazizzo et al., 2018; Stefaniak et al., 2017) or cessation of voice-hearing following therapy (Cichocki et al., 2016; Leff et al., 2013). Research into identifying what differentiates this voice-hearing population from those whose voices remain, regardless of treatment (therapeutic or pharmacological), would be useful. Different therapeutic approaches may be indicated for these different populations. As there is a link between psychotic or voice-hearing experiences and trauma (Ison et al., 2014; Longden et al., 2012; NICE Guidelines CG178, 2014; Seedat et al., 2003), one hypothesis would be that those whose voices ‘disappear’ with therapy are experiencing something more akin to PTSD-type trauma memories. When considering how to identify these different populations, one consideration might be the ‘entity-ness’ of the voice: In the empirical paper, one thing that came through strongly was the sense of voices being ‘entities’ in their own right. They had names, they had clear opinions and ‘agendas’, in that they often wanted specific behaviours out of their ‘hearers’. They had their own ‘ideas’ and ‘attitudes’, Katie
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and Eliza referenced drawing them. An interesting hypothesis to investigate would be if there is a relationship between the ‘entity-ness’ of a voice in people whose voices remain with them, and people whose voices cease with therapy.

Taking the two papers together, a second theme that emerged was the differing timescales. Many of the interventions described in the literature review were (relative to the voice-hearing experience) short. The notable exceptions were: the Hearing Voices Network Groups (HVNG), which were open-ended; Carter and Wells’, (2018), Attention Training Technique, which was a Single Case Series lasting 80 weeks; and Salvatore, et al.’s, (2016) Meta-cognitive Interpersonal Therapy, a single case study, with an intervention of 18 months. The remaining intervention timescales ranged from a one-off rescripting session, (Ison et al., 2014), to 6 x 30 minute sessions and one follow-up session (Leff et al., 2013), to 44 sessions (Schnackenberg, et al., 2017). Excluding the open-ended interventions, Carter and Wells’ Single Case Series, and Salvatore et al.’s single case study, the remaining 28 interventions reviewed had a mean of 13 sessions. This contrasts with participants in the empirical paper, who described relationship changes that took place over years. Further avenues of research stemming from this would be:

- Much longer follow-up periods for research into therapeutic interventions
- Qualitative research asking participants about what they feel have been the important post-therapy changes; how they feel about these changes
- A longitudinal study into voice-hearing relationship development post-intervention
- How different therapies impact on the story-arc and progression timescales. It could be helpful to investigate whether different therapies shorten the length of time spent
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at different ‘chapters’ or, potentially, lengthen it, or divert people into a different ‘story-arc’.

Clinically-based Research

Some of the interesting information generated by the empirical study would bear investigating in a clinical research setting.

Naming:

Naming voices often appeared to have some significance for the participants. Names frequently seemed to reflect the character, and/or some element of the function of the voices. Scott, talking about how he named Max, gives insight into naming decisions:

“I actually used to call him Mad Max, as from the, films, and, over the course of time, ... I ditched the Mad, and, Max is like, my internal alarm system, he can suss people out, he’s really like, really aware of the surroundings really aware of people, very protective towards me, an, it’s like, it’s like he’s, become me best friend,” (Lines 38-42).

In the follow-up discussion with Katie, her voice-naming choices were discussed, including that No Name had not been given a ‘name’ in the traditional sense. She stated:

“With the other two it wasn’t really a choice. I can remember asking Edward, ‘Who are you?’

and he said,

‘I’m Edward-in-the-wall’.
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Rose, it was a feeling I got. With No Name I didn’t get a feeling for a name at all, and if I ask for a name, he cries. He’s like an anonymous child inside me,” (from notes made during follow-up conversation).

Katie stated that she does not even particularly like the name Edward. She stated that she knows that:

“The voices are something I create in my own head. That was the answer I got when asked,” (From notes taken in follow-up conversation).

Interestingly, Sarah did not choose Sherlock’s name, another group member suggested it, however, naming the voice appeared to help Sarah to start to interact with Sherlock in a more pro-active manner:

“At first I felt really silly about [voice-dialoguing], and I thought how, ‘how did you manage to talk to voices? They don’t really listen.’ But, the more I came, [to group] the more I began to talk about my voices and open up, and David¹ ... were very very open about his voices, and ... he talked to them in front of me, and it just seemed more and more feasible, that I could do this, and the voice that were always, eager about, security and safety, he gave him a name, called Sherlock, because, he’ll be quiet if I watched crime thrillers and stuff like that on the telly, ... and, I were enjoying the peace and quiet, and then because he were called Sherlock then, started to react, I said,

‘Do you like, being called Sherlock?’

¹ Pseudonym
“and he said

‘Yeah I do, yeah,’

and I were like,

‘Oh god, he’s spoken back to me,’” (Lines 40-49).

Naming has long been held to have cultural significance, with some cultures holding beliefs regarding the power of name-giving, (Charles, 1951). Exploring the names of voices with clients may be of clinical benefit for the client: How did the voice get its name? What does the name mean to the voice? What does the name mean to the client? If the voice does not have a name, would it be helpful to give it one?

This is where clinical research may be helpful to ascertain whether naming a voice gives a sense of control over the voice, or makes it seem more ‘knowable’ and less alien? Alternatively, it may give the voice a sense of entity or agency that the hearer does not wish the voice to have. However, Sorrell, et al., (2010), found “distress was significantly associated with perceptions of the voice as dominating and intrusive, and hearers distancing themselves from the voice,” (p127), and Romme and Escher (2000), argued that “intimacy is important in the relationship with voices, and that the acceptance and development of intimacy, the very opposite of distancing, is one strategy that may lower distress.” (Sorrell, et al., 2010, p136).

This suggests that naming, or exploring the name, may be a way of ‘moving towards’ the voice, and creating a sense of ‘intimacy’ that supports the development of positive voice-hearing relationships.
**Implications for clinical practice**

**Approaches to the Voices:**

Perhaps unsurprisingly, when considering the researcher’s reflexive statement, and that three of the participants were from a Hearing Voices Network Group, one of the implications for clinical practice would be to support working with the voices as meaningful constructs. For those voice-hearers for whom voice-hearing appears to be an on-going experience, this may be the most helpful way to help them live alongside, rather than ‘at war with’, their voices. This is supported by pre-existing research (Corstens et al., 2014; Dillon & Hornstein, 2013; Longden et al., 2018a; Schnackenberg et al., 2018), and the experience of four of the participants of this study. All of the participants of this study, at the time of interview were either positive about wanting the voices to remain in their lives, or ambiguous. None of them were definite in positively wanting a cessation of voice-hearing. It should be noted that this was not the case for most of the participants at certain points in their voice-hearing journey, and that many voice-hearers find their voices highly distressing (Dillon & Hornstein, 2013; Ruddle et al., 2011; Strauss, Thomas, & Hayward, 2015); however, if voices ‘are determined to remain’ then exploring their ‘entity-ness’, either through voice-profiling, voice-dialoguing, or other therapeutic approaches such as the Compassion-Focused Therapy approach to voice-hearing (Heriot-Maitland, et al, 2019) may be a helpful clinical approach.

**Use of narrative:**

Taking into consideration the voice-hearing distress reported in the literature, and the original aims of several of the participants from the empirical paper (to “get rid” of the voices), it would seem reasonable to suggest the likelihood that many clients would enter therapy hoping for the cessation of voice-hearing. However, the research indicates that this is a rare
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occurrence in terms of outcomes. Clinically, it could be helpful to support clients to consider what their optimal outcomes might be in the absence of voice-cessation. Introducing narratives that create a sense of hope, agency, relationship-change, and the possibility of creation of positive voice-hearing relationships may assist with this. The importance of agency in recovery from psychosis has been noted previously in the literature (Bassman, 2000; Holma & Aaltonen, 1997). This would suggest that agency in voice-hearing recovery would be equally important.

Being able to form a narrative coherently has been associated with positive mental health (Baerger & McAdams, 1999). In the empirical paper, there did appear to be some relationship between participants abilities to narrate their voice-hearing experiences coherently, and their integration of those experiences into their lives. Clinically, a client’s ability to narrate their voice-hearing story coherently could be a helpful measure of the client’s positive integration of their voice-hearing experiences into their lives. As the client moves towards ‘well-ness’, their voice-hearing narratives should become more coherent. There has been the development of an assessment tool to support this, the Scale To Assess Narrative Development, (STAND) (Lysaker er al., 2003). STAND allows “raters to assess narrative changes seen over time in the dimensions of social worth, social alienation, personal agency,” (France & Uhlin, 2006, p57). Consideration of the use of STAND, or more informal assessment of narrative change over time would be a helpful clinical resource.

Helping the client to create a coherent and meaningful narrative could be helpful as part of a clinical intervention. This is the basis for Narrative Therapy. For most of the participants, their voice-hearing experiences were, at least initially, untold stories. The stigma and fear surrounding voice-hearing means that at least some voice-hearers conceal, at least for a time,
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their voice-hearing experiences. When they do share them, the dominant narratives subsequently encountered may well be biologically-based, leading to a diagnosis of schizophrenia, with pharmacological interventions, or social-cultural, the ‘mad and dangerous’ narrative. This means that there is very little space for different voice-hearing narratives and identities. Stories are social in nature, yet there is very little social space for the safe telling of clients’ stories, and stories are part of our sense-making of the world. Therefore, providing that safe-space to explore and create different voice-hearing narratives and identities may be clinically beneficial. NICE guidelines (CG178, 2014) recommend Family interventions for as part of the clinical guidance for psychosis. Introducing more hopeful and empowering narrative into the family setting and close social networks would further strengthen the creation of these narratives for the voice-hearer. Further, the introduction of these narratives into the voice-hearer’s family would likely be a source of support and hope for the family themselves, and potentially reduce any sense of hopelessness or helplessness that they may be experiencing.

**Using the Story-Arc:**

Should further research support the validity of the story-arc, it could be of use to clinicians in different elements of an intervention as discussed below.

**Assessment and Formulation**

The story-arc could potentially help clinicians assess which ‘chapter’ their clients are on, where are they in their voice-hearing journey? The story-arc, especially the first four ‘chapters’, could also be a helpful framework as part of formulating a client’s voice-hearing difficulties. What are their unique experiences of each ‘chapter’? What are their initial
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experiences and what sense did they make of it? What chaos has resulted from voice-hearing? Who are the voices? What are they like? What do they want?

Seeing where a client is on their journey through the story-arc could aid in identifying the best intervention to help the client move onto the next ‘chapter’.

**Intervention**

Participants who had made more sense of their experiences related their stories in a much more temporal manner, moving from past to present in a coherent arc. Participants who had made less sense of their experiences and were less able to ‘tell their story’, spent a lot more time narrating in the present tense, describing their experiences as they currently were. They did not have a coherent story-arc of their experiences to tell. This is consistent with the previous findings in the literature: “The authors suggest that acute psychosis is accompanied by an inability to order within time and narrate such experiences [which] disrupts one’s sense of identity, impairs agency, and leaves the ill person trapped in an unstructured, chaotic present.” (France & Uhlin, 2006, p61). The story-arc identified in the empirical paper, may be a useful framework to help clients to create structure and coherence regarding their experiences. It may also help create a sense of ‘movement’ or journey for clients, rather than a sense of ‘stuck-ness’.

**Approaches to voice-hearers:**

Perhaps one of the most important clinical implications to emerge from the participant interviews comes when thinking about how to relate to voice-hearers:
Some of the participants experienced quite invalidating approaches to voice-hearing. Scott was told not to pay attention to or ‘validate’ his voices (information from follow-up interview). Katie found the medication did not help in relation to her voices,

“[it didn’t] matter, what antipsychotic medication they put me on, they were still there, and, for years I had this awful experience with clozapine, every time I saw the psychiatrist it was like,

‘Are you still hearing voices?’

And I’d think,

‘Yes,’

‘Right, we’re putting the clozapine up.’

And in the end I was on 750 milligrams a day, of the stuff, and I’d still [be] hearing voices, it, dampened everything down, it made it impossible to feel any kind of emotion, .. I don’t think there’s a crueller drug on this earth, you know, it, but it, didn’t stop the voices,” (Lines 322-327).

In the follow-up conversation Katie related how a friend with psychosis has found the medication very beneficial, so it is important to find the correct intervention, including pharmacological, for each client.

Voice-hearing can become an ‘over-shadowing’ experience, as it became for Eliza:

“I tried to, get hospitalised, ... and I found that, I didn’t get, I wasn’t take seriously, by, services ‘til I told them that I’d heard voices, for most of my life, and then obviously,
they were more concerned with the hearing voices than with the suicidality. I came to services, for help, with, wanting, to die, and they got very concerned with, the hearing voices ... everyone I met, in that time, the first year and half, everyone was focused on the voices being a problem, and whether, it was dangerous, ... for me, the suicidality didn’t come from the voices, ... I wasn’t at risk, to myself, because of the voices, I was at risk to myself, because, I couldn’t find meaning in life, ... I got very confused an that was the first time in my life I got scared, of hearing voices, and obviously that, had a big impact on my relationship with voices ... it was a very confusing time, I started questioning my own judgement, around the voices and whether I was, schizophrenic, whether I had the brain, whether or not my brain was deteriorating, an, you know, ... the horrible thing was it played into stuff that was already going on, I already had a loads of, insecurities and self-hatred [and the] schizophrenic illness model really played into that, you know, that I was sub-human, I was, almost alien, and I was rotting and, and, defunct.” (Lines 214-229).

Martin also talked of how he felt his schizophrenia diagnosis ‘wrote him off’. Exclusive interest in, or attempts to ‘get rid of’, voice-hearing experiences may convey to some clients that voice-hearing is intrinsically bad and something to be avoided, not talked about, or eliminated. Even though many voice-hearers themselves might like a cessation of voice-hearing, seeing this reflected in professionals’ attitudes reaffirms the cultural understanding of voice-hearing as undesirable. It creates or maintains negative appraisals of the voice-hearing experience and may risk entrenching subsequent voice-hearing distress. None of this will be conducive to clients developing positive relationships with the voices that they may have in their lives, for the rest of their lives.
Listening to the Voices?

Holding in mind the level of internalised stigma many clients may have regarding voice-hearing or diagnoses, and exploring with the client what their concerns are, may aid building an understanding therapeutic relationship. It may also be clinically beneficial to remember the timeframes over which the participants’ relationships developed, so that if sudden changes are not manifested, this is not a cause of discharge, although there may be times when ‘therapeutic breaks’ are helpful, until the client is ready to move onto the next ‘chapter’.

Reflections

I really started the journey towards this thesis many years ago, before I even had my degree in psychology. I was doing my degree, part time, through the Open University, whilst working full time as a drug and alcohol worker. We worked with clients who regularly broke the law, got into trouble, lived homeless, were suicidal, were self-harming, were physically really unwell, and some of them did die. Nothing caused us quite as much alarm as when someone said that they were hearing voices. It was something that felt alien, unknown, completely outside our experience, competence, or ability to manage. There would be conversations with the mental health team that frequently led nowhere because of the illicit substances our clients were using, and the chaotic nature of working with them. When someone said that they heard voices, we worried. I wouldn’t quite say we panicked, but it made the whole team very anxious and uncertain in ourselves clinically. It was something that we just did not know what to do with, or how to approach. Nothing in my psychology degree came close to covering this. About the only bit of knowledge we had, which was picked up randomly from a mental health worker, was that people were only hearing voices ‘properly’ if they believed that the voice was coming from outside their head and that they thought that it was someone speaking from behind them. The only other bit of knowledge I had was when, as a teenager,
Listening to the Voices?

I had been told by an Occupational Therapist friend of mine, that one of her patients had had ‘a nice voice’ that told her nice things like “that shirt really suits you”, but I wasn’t really entirely convinced that this was true, it was something that I wanted to be true, rather than believed it could actually be true. So we had not a lot to go on.

Then, in about 2014-15, I came across a Ted Talk on Social Media: The Voices in my Head, by Dr Eleanor Longden (2013). It was about her voice-hearing journey, how she moved from having a, “frenzied repertoire: terrifying voices, grotesque visions, bizarre, intractable delusions,” which she described as “a psychic civil war in my head,” to a place where, “I listened to my voices, with whom I’d finally learned to live with peace and respect and which in turn reflected a growing sense of compassion, acceptance and respect towards myself.” She had found that, “possibly one of the greatest revelations was when I realized that the most hostile and aggressive voices actually represented the parts of me that had been hurt most profoundly, and as such, it was these voices that needed to be shown the greatest compassion and care.”

It revolutionised my thinking about voice hearing. It moved voice-hearing from inexplicable and un-understandable, something filled with shadows and fears, into something deeply fascinating, and able to be, if not fully understood, not alien and ‘other’. This intense interest in voice-hearing experiences and the possibility of having positive relationships with voices led me to my choice of thesis subject.

When thinking about how to research the area of relationship developments in voice-hearing, Narrative Analysis was suggested as a method. I am fascinated by how narratives weave through our lives and tell us about who we are, what our place in the world is, how narratives
Listening to the Voices?

shift opinion on a population level, and shape our opinions; and how narratives operate on a macro and a micro level, telling populations who they are, telling individuals who they are. They give form and meaning to so many of our experiences. So I was drawn to the concept of Narrative Analysis, and it seemed well suited to research the subject of voice-hearing relationship development over time. There are a lot of narratives around voice-hearing, so Narrative Analysis seemed well suited to explore them. The ability to capture the temporal nature of relationship change also meant Narrative Analysis was a good choice. I also liked how Narrative Analysis attempts to give as much ownership of the narrative to the participants as possible, while acknowledging that “stories can be seen as joint actions,” (Plummer, 1995 p20), created between story-teller and audience.

When I started data-gathering, and recording my interviews, I was humbled by the generosity of the participants’ willingness to share their stories with me. They used their stories to help me understand their worlds. In my reflexive diary, I wrote that Eliza’s interview was “spell binding”, I felt I could imagine some of the almost magical world she had inhabited as a child. Scott helped me understand a little of what it is like to have ten voices going off in your head all at once. I found that Iain, whilst unable to create a coherent story of his voice-hearing relationship, was a highly accomplished story-teller when talking about other areas of his life. It highlighted to me how accomplished we are as story-tellers, and how innate story-telling is to our lives, helping us to understand and explain our world, to ourselves, and to others.

Once I had transcribed the initial interviews, I had to create story-summaries. I actually found this really hard. The story-summaries were the ‘plot-outlines’ giving the basic structure of the narration; but the language used by participants, and the way that they told their stories was so rich, it felt really difficult not to include those in the summaries (and I did not always
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I felt a sense of responsibility, I had been given these people’s stories, of some of the most difficult times in their lives, and I wanted to honour this and ‘get it right’. When I got feedback from the participants stating that I had done so, I was massively relieved. Only Sarah wanted something changed, she felt that I had got the emphasis wrong on her current voice-hearing experience. Whilst it was a lot better than it had been, it was not as positive as I had portrayed. I was really grateful that she felt able to tell me this, so that I could better reflect her experiences. To me it seemed to confirm the importance of returning to participants with the story-summaries.

I was struck, when writing the empirical paper, with a terrible sense of loss. I had been entrusted with these amazing stories. Stories that were so compelling and fascinating, and there was no way that I could do them justice. That no one else will get to read the transcripts and story-summaries seems a terrible loss. I feel incredibly privileged to have heard these stories, and slightly heartbroken that it is not possible to share them with others in a way that really does them justice and honours them. There isn’t space for Scott’s amazing explanation of what buying a drink is like for him, and how all the other voices he hears have their own opinions of what they want to drink; I can’t convey the truly magical elements of Eliza’s early voice hearing experiences, or how much Lee loved seeing the ghosts and spirits. I can never do justice to the stories I’ve been told, and that feels like a terrible loss.

During the research it appeared that many of the voices were, subjectively, ‘entities in their own right’ and I found myself thinking of them as such. I came to see the voices as separate entities with their own motivations, potentially in a similar way to how the participants did, attributing them separate agency. That is how real their existence is to the participants, and...
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it feels important to honour this when working with people who have voices living in their heads.

References:


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Listening to the Voices?


Strauss, C., Thomas, N., & Hayward, M. (2015). Can we respond mindfully to distressing voices? A systematic review of evidence for engagement, acceptability, effectiveness and mechanisms of change for mindfulness-based interventions for people distressed by hearing voices. *Frontiers in Psychology, 6*, 12. School of Psychology, University of Sussex, Brighton, United Kingdom c.y.strauss@sussex.ac.uk; School of Health Sciences, Swinburne University of Technology,
Listening to the Voices?

Melbourne, VIC, Australia; Strauss, Clara, Pevensey I, Brighton, United Kingdom, BN1 9QH, School of P: Frontiers Media S.A. Frontiers Research Foundation. Retrieved from https://search.proquest.com/docview/1765604143?accountid=14874
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Appendix One: Story-Arc – Extended Version

The below is an extended version of the story-arc from the empirical paper. It more fully illustrates participants’ experiences of, and movements through, the different chapters.

Chapter One – First experiences

All participants were able to recount their first experience of voice-hearing. However, their appraisals of this experience, and subsequent relationships with them were markedly different. For Martin, Katie, Scott, and Sarah, it was a traumatic, frightening, or confusing experience. This set the tone for their relationship with their voices at the start of their voice-hearing journey, and their experience continued in that manner for a significant period of time.

Martin:

“[there was] a lot of confusion at the start, not knowing what they were,” (Line 47).

Katie:

“It freaked me out,” (Line 4).
Listening to the Voices?

Scott:

“It were whispers that I first heard ... it went from, ... whispering to, I could actually make out words, [it] got louder and louder, an, then it were just like ... a free for them all, ... having a go at me and shouting at me,” (Lines 163-168).

Like Scott, Sarah’s voice-hearing started by hearing whispers that gradually became voices.

Lee, Eliza and Iain had different first experiences. For Lee it was more akin to discovering an extra ability. Both Eliza and Iain had experienced voice-hearing or unusual communication in their childhood and experienced this positively. Eliza’s early childhood was filled with communication with nature and invisible friends,

“... The way I remember by childhood was there was quite a lot of communication and it was sort of, verbal but also non-verbal an-and auditory for me, I also had invisible friends, I think I was about, 6 or 7 when I have clear memories of, of spending time with my invisible friends,” (Lines 8-11).

Then, aged nine, she started hearing voices in what could be considered a more ‘traditional manner’.

“I started hearing, critical voice and ... a voice that was ... constantly observing me, it wasn’t, positive or negative, ... just constantly, describe, what I was doing,” (lines 66-68).

Iain had a voice that, in his childhood he was,

“Very good friends [with],” (line 217).
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This voice stayed with him until his teens when it left. Iain’s voice returned when he started dating his current wife. He initially dismissed it as being due to intoxication, but,

“When it started, getting, as loud as, what we are talking, I started talking back to it,” (lines 337-338).

Fear of the implications of hearing voices marked Scott’s first experiences,

“[I], kept it to meself because, I thought this is, weird, and I’ve got a wife and, three kids, I don’t want to end up locked up somewhere,” (Lines 5-6).

Katie also refrained from telling anyone about her early experiences,

“I never told anybody that I was hearing voices, I’d worked out by now that, I was hearing voices and there was nobody there, and that this wasn’t normal, ... so I, never told anybody, I got, heavily into drug use, as, a kind of escape from it,” (Lines 17-19).

Chapter Two – Into the chaos

All the participants, however they initially experienced voice-hearing, appeared to find voice-hearing and/or the consequences of it, brought at least some element of disruption, confusion, or chaos into their lives.

Scott’s experiences,

“Bled into the real world,” (Lines 173-174).
“I had like a, full breakdown, and were hearing loads of ... different, voices, and then, I think wife finally had enough of me, ... so I finished up living with me Mum and Dad ...[then] they got fed up of me,” (Lines 14-16).

He ended up living alone and,

“...got to the stage of wanting to kill meself ... [it made] no sense at all, I just, wondered what the hell were going off, ... I thought it were me wife and kids that were conspiring against me, and, had really weird beliefs that, like, the whole of the world were conspiring against me,” (Lines 192-197).

Iain’s wife moved into a separate bedroom to him. When she would hear him talking to the Voice, she would lock the door to her room. She would tell him,

“‘I love you to bits, ... but I’m so terrified of, what you might do’ ... that’s no way to live,” (Lines 281-282).

Distress over voice content affected the mental health of most of the participants. Katie and Sarah described paranoia caused by what the voices were telling them,

Sarah:

“The voices were saying these people are out to get you, they’re watching you all the time, ... I believed, that, I had a chip, in my head, and that the police were, watching me and following me all the time, ... as a result, I would kick off with t’police sometimes, and I got arrested a few times ... it just all got too much for me, ... I remember, walking
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“about, in my nightie, and leggings, like, four five o’clock in the morning, with me dog.”

(Lines 71-75).

Katie:

“Edward\(^1\) said,

‘The man behind you’s going to kill you, ... he’s putting thoughts in your head ... he’s trying to kill you’

So I pulled this knife on him, and I was thrown off the bus, and I was, too scared to get on a bus, [for] ten years,” (Lines 143-147).

Martin described experiencing voice-driven anxiety:

“[I would] be having panic attacks from what I was hearing, ... I remember going out at like five in the morning for a run in the snow, to try and cure the anxiety ... I ran round the beach and stuff, .... if you look from the outside at someone running at 5am, it looks a bit crazy or whatever, but that was, how I was like keeping control of my own mind I think,” (Lines 40-46).

Lee believed that his voices were the voices of people that he knew, and would act accordingly:

“If they told me they’ve fallen down the stairs, .. and I knew the voice, who they are, where they lived, and they told me then that they’d fallen down the stairs, ... I could

\(^1\) The name given by Katie to one of the voices she hears
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tell somebody else, in person, that that person has fallen down the stairs, because, they’ve told me,” (Lines 131-134).

Although Eliza experienced perhaps the least distress in relation to her voice-hearing, she described her experience in her teens as:

“...very chaotic ... it was more sort of, ...surviving, .. there was no relationship, there was just a case of getting through the day, from day to day, coping with my suicidality, which was always a bigger issue, ... that sense of meaninglessness ... was more problem than the actual voices,” (Lines 161-165).

Narratives of this element of participants’ experiences seemed largely to be filled with confusion, fear, or distress. Martin eloquently described his experience of confusion:

“Trying to make sense of it, it’s like a hall of mirrors,” (Lines 80-81).

Chapter Three – Meet the neighbours

The participants experienced their voices differently. As participants ‘got to know’ their voices, the voices seemed in many cases, to be entities separate from the participant, with different identities, personalities, opinions, and functions:

Martin:

“It felt more of, like an alien, presence within yourself I think, it doesn’t, didn’t feel part of yourself but it was very within yourself if you know what I mean,” (lines 63-65).
Listening to the Voices?

“[There were] different personalities like a deity, it’s like goddess type thing, one said it was like an organ in my body or whatever, like,

‘Oh this is your heart speaking’

... There’s ones with different forces behind them ... you get the angelic kind, calming, reassuring compassionate, inner voice, but then you also have the, the opposite of that, the hostile, negative, scary, powerful..... fierce-some voice .. it’s like the yin and yang, you have the, the really good and the warm and welcoming, and you have the really bad, and scary and frightening type things,” (Lines 78-91).

Lee:

“I’d be hearing 10 maybe 20 people in one go and the voices would be coming from certain directions in the room,” (Lines 10-11).

“They were people I knew, there was old friends, distant relatives, close relatives, ... they used to come over as good cop bad cop a bit, where one voice would want to fight, and yeah the other’d just, help you out at every, chance they possibly could,” (Lines 79-84).

Iain, Katie, Scott, Eliza, and Sarah, all described voices with distinct personalities, many with accompanying names,

Katie:

“It sounds really strange to be talking about them as if they were real people, but they are real people, you know, I’ve drawn pictures of them,” (Lines 118-119).
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“Edward, ... sounds like he’s coming from inside the wall. ... Rose, [is a] woman in her 50s, very ... authoritative, tells me what I should be doing,” (lines 21-25).

“No-Name, ... he’s a child, who sounds about eight years old, ... to start with he was very needy, I’d hear things like,

‘I want to hold your hand,’

And, you, you can’t hold a hand of somebody who isn’t there, .... So that was kind of tortuous,” (Lines 34-37).

“later] I heard a new voice, ... she’s in her 20s, she’s called Seela, and, she’s absolutely lovely, she’s gentle, and, unlike any voice I’ve ever heard before, and the better I got, the more I heard her, telling me I could do this, I was doing well,” (Lines 96-99).

Scott had ten voices, but three key ones: Del, Max, and M’Lady. Sarah had Sherlock and Freddy, and later,

“...a good voice as well, that was telling me to, not listen to these other voices ‘everything’s fine’, but I found that, if I didn’t listen to them they got worse,” (Lines 34-35).

Eliza had numerous voices that came and went over the years. These included the Critical Voice, the Observer, Dee-mon, Domina, a Sea God, an invisible friend and Aslan, her spiritual guide,

“[Domina’s] very keen on excitement, and adrenalin and, fun, and, ... any sort of, intense experience she’s got, quite different values to me, but, she seems, to really like
Apart from Lee, and perhaps, to a lesser extent Martin, all the participants’ voices appeared to have their own separate identities, including inter-voice relationships:

Scott:

“Max and Del are always arguing and falling out, because, they both want me to, live me life a different way,” (Lines 84-85).

Iain was the only one of these participants not to name his Voice, however, it clearly had an existence of its own in Iain’s mind,

“He’s not a very nice person,” (Line 35).

Whilst it could be nice towards Iain, and interested in what he was doing, it would regularly tell him that his wife was not good enough for him and had hurt him.

Chapter Four – The Unwanted Visitor

For all participants there seemed to be times, sometimes extended periods of time, when their voices were aggressive, threatening or argumentative. Sarah, Scott, and Iain, all explicitly described times when they had wanted the voices to go.

Scott:
“It were me goal, to get rid of them,” (Lines 230-231).

All the other participants had times when their voices were aggressive, threatening or argumentative. Lee’s voices,

“Used to tell me that they’d kill my children,” (Line 179).

Iain’s voice would constantly tell him that,

“[My wife’s] not good enough for me, she has hurt me apparently, and I don’t know how she’s hurt me, you know, we’ve always been good together ... it’s like he’s got something, against her,” (Lines 349-352)

This would lead to arguments between Iain and the voice, and tension with his wife,

“I said,

‘Go fuck yourself, I’m not listening to you no more,’

and he goes,

“’We are friends,’

I said,

‘No you’re not my friend, you’re not my friend, you’re a nasty bastard, now fuck off and leave me alone,’
Listening to the Voices?

and then, [my wife] can hear this because I start raising my voice and I’m getting angry,
and, next minute, ... I can hear her... put the lock on the door because, she knows, I’m
... getting wound up," (Lines 264-268).

Martin’s voice told him,

“Oh your heart’s going to stop,” (Line 154).

And was constantly belittling him saying,

“[voice] ‘You’re this because you haven’t done that,’ or, ‘You can say that but you don’t
do this, who are you to say that?’” (Lines 143-145).

Katie described Edward as,

“Evil to start with,” (Line 117).

When Katie’s daughter became four,

“They became, very aggressive, all of them, especially No Name, ... telling me I was a
bad mother, ... where he’d been very needy before, he, now became aggressive,

‘You’re a bad mother. You can’t look after your kids. What do you think you’re
doing?’” (Lines 54-56).

Sarah found her voices frightening, constantly telling her that she was in danger and being
watched, she also,

“...felt intimidated by [Freddy],” (Line 256)
At the start of their relationship, Scott found M’Lady was:

“Really nasty towards me, ... a really strange woman ... and then I’ve got like a, a younger teenage side, ..., a party animal, ... I kind of found it easy at first to, just go along with him, and [that] got me into a lot of trouble,” (Lines 9-12).

His voices,

“...seem[ed] to really persecute me at first,” (Line 183).

Eliza was the only participant who had never, at any point, wanted her voices to go. She found the time when she was on medication, which muffled them, very distressing:

“They help me function, the voices have always helped me navigate life ... they would tell me about my emotions because I wasn’t, able to be in touch with, or express my own emotions, so my voices would do that, and not being able to hear them was actually really confusing and really, destabilising,” (Lines 236-240).

However, her description of Dee-mon indicates that she did not have an easy relationship with all her voices,

“Dee-mon ... comes along when I’m very, overwhelmed, and she will, feed off it and she will happily make me more scared and more vulnerable ... and more full of self-hatred,” (Lines 336-337).
Chapter Five – Turning Points

Most of the participants had what could be considered significant turning points in their relationships with their voices. Although change was a slow process for Martin, Katie, Scott, Eliza, and Sarah, they described what could be seen as turning points that changed their relationships with their voices.

Martin and Eliza both had ‘internal’ turning points in their attitude to the voices:

Martin:

“[The] first step to recovery is believing you can recover, and, this was like a crucial point, for me,” (Lines 108-109).

He started doing kickboxing and paying attention to the positive things in his life and,

“Everything just, flipped on its head,” (Line 233).

He described therapeutic support that assisted with,

“...making sense of the bad stuff, [therapist’s] quite good at stuff like that, seeing things from a different perspective or an angle,” (Lines 251-253).

Eliza,

“The hearing voices network ... was the first experience I had of people, taking an interest, in those experiences, in a curious, accepting, helpful, constructive way, ... seeing the voices were important, helped me ... realise, that my way of relating to the voices had been very, ... dismissive,” (Lines 273-278).
Listening to the Voices?

“I... decided to commit to change how I relate to, myself and to the voices, ... within 24-hours of making that decision, three of the voices I heard at the time, came to me and said ‘we’re so relieved that you made this decision because now, hopefully, we can express ourselves the way we’d like to,’” (Lines 302-305).

Scott and Sarah’s turning points were attending group and doing voice profiling and dialoguing.

Scott:

“The whole change really were me coming to this group, and ... admitting I were hearing voices,” (Lines 86-87).

“I think, if I’m honest, this group save me life,” (Line 150).

Sarah:

“It’s just been a god send coming here, ... because I found out that I weren’t alone, other people, had, developed these relationships with the voices,” (Lines 38-40).

“I just, realised, through through, coming [to group] that, Sherlock wants me to be safe and Freddy wants me to be assertive, ... once I’d realised that, it were just like, a revolution,” (Lines 312-314).

For Katie it was work on a timeline that she did with her therapist:

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2 Profiling ‘who’ the voice is
3 Talking to the voice
“The whole thing was very confusing, because I couldn’t see a relationship at all between me and voices, [and] what was happening in life an-and what was happening with the voices, … we sat down, and, we wrote out... the timeline, ... it was, absolutely packed by the time we finished it, ... and, then, [therapist] started talking about, what the voices had been up to, at each point, ... an I began to see, ... when that happened, the voices started doing something different, and that to me was a kind of epiphany,” (Lines 279 – 297).

Chapter Six – Making friends

These turning points marked the start of a change for the better in participants’ relationships with their voices. For most participants, the voices, at least at some point, became a source of comfort or insight.

Katie had learned how to respond when Edward was telling her she was in danger,

“what you have to ... say [is],

‘Well, thanks Edward, I know you’re looking out for me, but ... I don’t need this kind of help,’

And, it’s taken a long time to perfect that, but I can do it,” (Lines 159-161).

“Rose has become,.. less ... authoritative, and more, you know, if I’m crossing the road she’ll say, ‘Look left’, ... cos I haven’t looked left,” (Lines 129-130).
Listening to the Voices?

Through the voice dialoguing Sarah found that,

“Freddy wants me to be assertive, he wants me to start speaking my mind a bit more, and it’s really difficult, .. but I found I do ask his opinion on stuff, and he gives me, ways around ... things,” (Lines 249-251).

She also found her ‘good voice’,

“...were comforting, he was saying, like, 

don’t listen to them, they’re just trying to scare you, ...just, breathe and try and keep calm,”

and he’d offer, little breathing exercises that I could do, so that helped, ... he’s not there all the time but when he does speak to me he’s really comforting, he does really comfort me does the good voice, ... really it’s more of a feeling than a voice,” (Lines 292-299).

Max has helped Scott to recognise when something is wrong,

“I have, absolutely learnt something from him, that I know, when something’s bothering me, because it bothers him,” (Lines 208-209).

He has,

“...learnt from Del [to] look after me child side and, nurture the child in me,” (Line 225).

Martin:

“The self-deprecating voice [said],
‘I’m proud of you, for going [to kickboxing] today,’

So it turned from, like a self-discriminating voice, to self-praisal

‘It took a lot for you to do that, ... You made the right decision going there’ ...

So it, it changed from ... a vicious cycle into a positive one,” (Lines 140-150).

He also experienced,

“...a young child voice came out, like a child, I seen it as, but ... like an infinite wisdom
if that makes sense, it was an immortal child, I’d say, a child, with the wisdom of, ... an
old man or something like that, like your inner child or whatever, ... and I called this
little child or whatever Starboy, I called him, and that’s like your own inner child,” (Lines
365-370).

He taught Martin,

“... no matter how bad it is or whatever, you’d have your own back, always, don’t turn
on yourself ... go towards yourself,” (Lines 370-371).

Domina will encourage Eliza,

“...to have more fun, in my life, ... and be more expressive, ... she helps me, ... give space
to parts of me that I, might not, so easily, give space to,” (Lines 368-369).

She also found after her decision to change how she related to her voices, that a new one,
Aslan, a white lion appeared. They communicated non-verbally, but when needed, he gave
her,
“...a sense of strength and composure, ... he’s become quite an important, ... support, an, in some ways ... a, reminder of a longing I have for more spiritual depth in my life, which I don’t necessarily make space for because ... I’m so sensitive [I rarely open] up, for things I can’t control and [get] overwhelmed with,” (Lines 382-386).

Although Iain did not appear to have had a ‘turning point’ in the way of most of the other participants, he still was able to experience his voice positively after his brother died. The voice would say:

“[Voice to Iain] ‘you’ll be alright mate, don’t worry about it ... talk to me, tell me what you[re] feeling ...We’ll get through it,’

[Iain] ‘you mean I’ll get ... through it’,

[Voice] ‘nope, we’ll get through it,’” (Lines 555-558).

When Iain’s Voice is not being derogatory about Iain’s wife, he can find that,

“I’m having a good chat to him, sensible chat ... he can make sense of what I’m thinking,” (Lines 276-277).

Lee was the participant who seemed to have found least support or benefit coming from at least some elements of the relationship he had with his voices, however, he did say,

“...where one voice would want to fight, and yeah the other would just, help you out at every, chance they possibly could ... so there’s a lot of ups and down,” (Lines 83-85).

Lee also talked positively about unusual experiences that had previously accompanied his voice-hearing experiences,
“...these, spirits and stuff appear, and try to communicate with you, and, they’re all about your house and ... they’re really surprised that I can see them, yeah? And I love it, I absolutely love it, my life would be boring without it, ... but it doesn’t happen often anymore, I’m ok with that, ... but I don’t want it to stop for good, so, would I miss the voices? Probably like, [the] honest answer to you, ‘No’. But do I miss the spirits coming to see me, and the ghosts, ... after like three days[of] no sleep, [I] think about being able to move things with my mind, and stuff, and, seeing all these spirits and, [I] see how, amazed they are, that I can see them, but other people can’t see them,” (Lines 261-268).

Epilogue – Living with the voices

At the time of interviews, all of the participants were still hearing voices. Many of the participants expressed positive attitudes towards their voices in terms of at least some part of their current relationships. They were ambiguous at least, as to whether they would want them to go. Eliza and Scott were clear that they did not want their voices to go.

Scott:

“[Max has] become me best friend,” (Lines 41-42).

“...to be honest, ... if mine went, I’d be quite, ... lonely ...and ... upset. Because the main three I really have a good relationship with, and ... it’d be like losing friends in a sense. I ... would definitely miss them, and I don’t even know if I’d see meself as cured,” (Lines 232-239).
Eliza:

“\textquote{I’ve got different experiences from different voices, and they’ve got their own explanations for who they are, … they’re quite a good, practice in, honouring multiple beliefs, like multiple realities, that there’s no one way, to understand the world, or, what’s real and what’s not real, an, yeah, keeps me kind of humble, and some of the voices are just, an immense, comfort, you know, it’s just, if I can’t sleep at night, I’ll have conversations with them, or Aslan will come along and I’ll just, he’ll just be next to me and I’ll just feel comforted, and relaxed and, when it’s like that I feel that it’s a great privilege, that I can have those experiences, and I know that that comes with probably the other side of it, that when I do get stressed, the more, terrifying and distressing painful experiences will [happen], it’s part of that as well, … I can’t just, pick and choose, you know, if I want to have those experiences, they come with, being more open, with being more sensitive,” (Lines 455-465).

Sarah still finds the voices really difficult to live with a lot of the time, and is still learning to communicate with them. She described having rare times of companionship, and that she is still trying to reach a point of balance with her voices,

“\textquote{I find that, with Sherlock, I have to talk to him and counsel him, because … he’s got this thing about safety and security, … I say to him,}

‘\textquote{If I watch [a] crime programme, will you let me, have some time to meself?’}

\textquote{And he says,}

‘\textquote{Yeah,’}
So I’ll [put on the] television, and ... we have, regular programmes that we watch now, and Freddy likes the soaps, so I watch soaps, it’s like living with two people,” (Lines 336-340).

However, despite the bad days, where she feels paranoid, and how difficult it can be to communicate with them, she also described feeling that,

“...they’re a good thing really, I know, I wouldn’t want to, I wouldn’t want them to go away now, because they help me,” (Lines 55-56).

She confirmed this in her feedback conversation,

“I don’t want to get rid of them – I know that they’re, in their own way trying to help.”

Katie:

“It’s strange... it’s kind of, ... it’s a double-edged sword really, because, there’s part of me that thinks, ‘I just want them to leave me alone, I want to wake up one morning, and go through a whole day without hearing anything’ because I don’t get through a day without hearing, something at some point. The more stressed I am, the more, ... vulnerable I am, the more I hear them. But I, cannot go a single day without hearing something, ... but the whole ... relationship now is developed to the point where I think if I didn’t hear them, I’d miss them, ... even though they can be hellish, ... I don’t want to lose them, ... they’re my friends,” (Lines 120-127).

“It’s been a journey really, ... from hearing that first voice, Edward, the first time in school, .. it’s been, one tremendous journey of ... discovery, discovering things about
me, discovering things about them, or discovering things about life in general, you know. It sounds strange, but I hope they don’t [go] now. I think I’d be lonely. I think I’d almost feel,

‘Why have you left me? That’s not fair. What did I do wrong?’” (Lines 412-417).

Iain expressed ambiguity,

“He’s my friend. I treat him as a friend, ... I think he’s fucking great me, when he’s, not going on about [my wife], because ... I really don’t, like that,” (Lines 363-367).

“I would like it to stop, but then again, if it did stop, I might be heartbroken” (Lines 671-672).

“I think if it went, I would be relieved, but, in the same sense, I would love to know, ...what he thinks [wife], has done to me, .. before he went,

‘I’m gonna tell you, an I’m gonna leave you alone…’

That would be great, that would be great, ... I think I would feel relieved, but I would also feel empty, to be honest, ... because he’s been with me for so many years,” (Lines 599-605).

He appears to have made little sense of his experience and seems confused and unsure of what it means,

“...they’ve gotta stop, but how do you stop them? But then again, I think to myself, am I schizophrenic? ... you know, two persons in the one body?” (Lines 38-39)
Listening to the Voices?

This question was a repeated theme throughout his interview,


Lee was the least ambiguous (but not un-ambiguous), about wanting his voices to go,

“it’ll never go, I don’t want them to go, but it’s fading away, … I’m hopeful that it will reach a point, where it was, for the 20 years before I started noticing that I was hearing them … but then, I’ll still know that I heard them, …I’ll never-ever be able to go back, to that place where I didn’t know that they were real voices, but if I can get close to that I’ll be happy,” (Lines 43-47).

Martin had moved furthest from the voice-hearing experience,

“I say now, it’s just, … self-talk, I see it as now, me talking to myself. That internalised monologue, … if you think of, a famous actor … or someone, you’re, inspired by, and you can imagine their voice and how they’d speak to you and it’s clear … to you, inside, … that’s how it is now, I don’t really get bothered by it really to be honest,” (Lines 49-54).
Appendix Two – Sarah’s Story Summary

Below is the story-summary sent to Sarah, and notes made during follow-up phone call. The story-summaries used, as much as possible, the language and words of each participant. They followed the order of events as participants narrated them.

Sarah’s Story

Everything started for Sarah when she got attacked in Centenary Square. She had a severe head injury, and later that year she started getting tinnitus. This developed into voices. At first all she heard was whispering and singing. Then it became voices. Initially she didn’t realise that she was hearing voices, she thought it was thoughts in her mind. But her daughter kept telling her that she was talking to herself all the time and hearing voices. Sarah denied it, but she was having hallucinations, and was really frightened. Her daughter stopped going into town with her, because she was behaving strangely. She was having a breakdown, and one night, decided that she needed some help. She told her daughter, who was relieved because Sarah had been acting so out of character.

Sarah found her experiences really threatening. She was stressed out and frightened because the voices were telling her to kill herself and to hurt other people. She would talk to herself and argue with them, saying that she didn’t want to hurt anybody or take an overdose. She couldn’t understand why this was happening. Eventually she saw a psychiatrist who told her that she had polymorphic disorder. People’s faces would morph into scary faces. Her voices were telling her that these people wanted to kill her. Eventually the psychiatrist gave her some medication, but it was a good two years of struggling with her voices and having hallucinations before she got the medication.
Listening to the Voices?

Sarah had a good voice as well, which would tell her that everything was fine, and not to listen to her other voices, but she found that if she didn’t, the other voices got worse. Then Sarah found out about the hearing voices group. It took a couple of months for her to go, because the voices didn’t want her to, and would get worse whenever she tried to. But with the help of her daughter she got to the group, which was a godsend.

In the group she found that she wasn’t alone; and that other people had developed relationships with their voices. At first she felt really silly, thinking ‘how do you talk to voices?’ But the more she attended, the more she saw other people doing it, the more she felt that she might be able to.

One of the facilitators, talked to the voice that was always eager about security and named him Sherlock. Sherlock would sit quietly if Sarah watched crime thrillers on tv. So she started watching crime thrillers and could enjoy peace and quiet when she did so. Sarah started talking to her voices directly, asking Sherlock if he liked his name. When he said that he did, she thought, ‘oh god, he’s spoken back to me,’ and that’s how it all started.

Sarah has done voice-dialoguing with [group facilitator], which has really helped with another voice that always seemed threatening. [group facilitator] spoke to him through Sarah and realised that this voice, which she now calls Freddy, wanted her to be more assertive, which had never crossed her mind. Sarah is learning to be more assertive now, and feels that the voices are there to help really, not to threaten her.

When Sarah first started seeing people’s faces morph, the voices would tell her that people were out to get her, that they were watching her, and that she had a chip in her head. They
told her that the police were following her, so she would kick off at the police, which led to her getting arrested a few times.

Sarah knew that she needed help, but it was really hard to do so. The voices seemed to control her. It was really hard to function. She lost a lot of weight. She didn’t eat properly. She went out walking all the time. She was frightened while she was out. It was horrible and she would end up kicking off with strangers because she thought they wanted to hurt her.

Sarah’s daughter thinks that Sarah has been hearing voices for a long time, and that they have come and gone depending on how stressed she is. And then, after the attack at Centenary Square, they came and never left. Sarah isn’t sure how right this is, but she knows that the voices get worse whenever she is stressed about something.

After voice-dialoguing with [group facilitator], Sarah has found that she can negotiate with the voices. Freddy wants her to be more assertive and encourages this in her. He tells her how to behave towards people if she wants to talk to them about something. Sherlock makes her do safety rituals when she’s leaving the house, and so long as she does them, he’s quiet. The medication doesn’t take the voices away, it does dampen them down.

At one point, things were so difficult that Sarah took an overdose. She doesn’t know how she survived it, and is shocked that it didn’t work. When she had taken the overdose, she hallucinated that a team of paramedics were working on her to keep her alive. Looking back now, she sees that that was there to help her, so that she didn’t fall asleep, even though she’d taken a lot of sleeping tablets. When she woke up the next day she was shocked that she was still alive. She didn’t tell her daughter about it. She just remembers not feeling safe anywhere, in the house, outside the house, with anybody accept her daughter. It was a really
difficult time. Her daughter left home at one point because of it. This devastated Sarah and the voices and hallucinations got worse. She used to go up to the reservoir a lot as that was the only place that seemed to calm her.

Sarah still sees faces, even though everything has dampened down. She has days when she just stays at home, which seems to please her voices. Her daughter helps her get out more. Her daughter has just had her own child, and Sarah started hallucinating that she would harm her granddaughter, but has learned that this isn’t true. She knows she wouldn’t hurt her granddaughter.

Sarah has other voices that aren’t as prominent as Freddy and Sherlock. She has a good voice, but she hasn’t named it. She’s frightened that if she names it, it will start to take over, and Freddy and Sherlock will stress out and be there all the time, not letting her have any peace and quiet. So she keeps the good voice on the left-hand side, and Freddy and Sherlock on the right-hand side.

When Sarah goes to bed, it’s like a radio changing channels. She can hear voices coming and going, but there’s no prominent voices, it’s just all muddled up. It makes it hard to go to sleep. Although Freddy and Sherlock are really quiet, the other voices and the tinnitus keep her awake.

Sarah doesn’t get as panicky as she used to. She has a rational voice telling her when she’s being paranoid, and reassuring her that she’ll be ok. The good voice isn’t there as much as the others, but when he is, he really helps. He has a really calm voice. Sarah wishes that he were there more often, but at the same time worries that Sherlock and Freddy won’t like it.
Listening to the Voices?

She thinks that that may be why the voice only comes every now and then. They have had arguments with each other across her, which drives Sarah nuts.

Sarah used to find socialising really difficult. She used to think that people were talking to her with their thoughts. It was hard to listen to people because her voices would tell her not to trust the person she was talking to, so communication went out the window. She had to stop going to church, because while she was sat watching the speakers, she would see the devil dancing around and people misbehaving and going against God. She couldn’t find God there, and gave up going. She really misses it, but is quite relieved not to go because it was such hard work. She does stay away from places where it’s harder to communicate with people, because in those situations the voices are worse, even though Sarah thinks that they’re just trying to protect her.

Sarah used to be quite an outgoing person. Now she’s very subdued. She’s found that if she goes out with her friend once a week and has a drink, that dampens them down. It’s hard finding things to do that won’t cause the voices to play up. She used to love going to college and learning. But they were worse then. She can’t work because she’ll hear people talking about her behind her back. Before she realised that she was hearing voices, Sarah thought that all her workmates were talking about her. She ended up getting sacked because she thought a staff member was trying to groom her. That’s been a pattern through her life with work, and sometimes she does think that her daughter’s right, and that the voices have been there before and come out with stress. So in work she would either lose her job, or go off sick because she couldn’t cope anymore, and when she lost her job, it all quietened down again. Sarah doesn’t think that she’ll work again, because of the stress. When she’s stressed she’ll hear voices whispering and she’ll get paranoid.
Listening to the Voices?

In the past when Sarah had had things happen to her, she went to counselling, which really helped her, and everything became more subdued again. After the attack in Centenary Square, she didn’t go for counselling, and ended up with PTSD. That’s when the voices and hallucinations came out. The whole thing broke her because it was such an ordeal. Sarah thinks that the voices want to protect her, and that that’s why they don’t go.

When Sarah was an outgoing person she used to speak her mind. That has gotten her into trouble in the past. She’s had quite a few smacks from men, either in the pub, or in relationships, because she’s spoken her mind. She’s stopped being like that and she’s not very assertive anymore. Freddy wants her to be more assertive. She does ask his opinion on things and he gives her ways around them. She is getting a little bit more assertive with people that she knows, but is fairly quiet with strangers.

Sarah’s relationship with Freddy only started changing in the last couple of months. Until then, she felt intimidated by him. Freddy wants her to be more assertive, whereas Sherlock’s constantly worried. He wants her to stay at home. Freddy wants her to go out more. So it’s a constant battle. She’s found a balance, where she’ll stay in for a few days and then go out and do things. It’s a compromise, and it seems to work.

The good voice appeared later than Freddy and Sherlock. If it had appeared earlier, Sarah doesn’t think that she would have taken the overdose. When it appeared it was comforting, reassuring her that the voices were just trying to scare her, and giving her breathing exercises to do. Sometimes she can feel him cuddle her when she’s feeling scared. He’s a really warm person. But when Freddy and Sherlock are on high alert, he gets forgotten, then when it all calms down, he’s there again, reassuring her. So it’s like a balance.
Sarah doesn’t feel stupid talking to them now. In public, she’ll talk to them in her head, because she worries what it would look like to talk to them out loud. When she’s at home, she’ll talk to them out loud.

Freddy has calmed down a lot and there is trust between him and Sarah. Sherlock has a thing about safety, so she’ll counsel him and negotiate, so that in return for watching a crime program, he’ll give her some time to herself.

Sarah does wish that the other voices would let her know who they are and what they want, so that she could develop a relationship with them. But they just stay whispering. Apart from her daughter and granddaughter, Freddy and Sherlock are the two most important relationships that Sarah has. Everything seems more manageable now. And listening to them has really helped. Freddy has been like having a counsellor on tap.

**Reflections on your story**

Below are some of my thoughts on your story, and the elements of it that came through most strongly:

One of the things that struck me was the way that you would return to the time you were attacked in Centenary Square over the course of telling your story. This seems to emphasise the importance of that event on your life and the profound impact that it had for you.

Another thing that seemed prominent, was how frightening and confusing you found the voice-hearing, hallucinations, and beliefs of being watched, and the impact that this had on your life. Feeling frightened was a repeated theme that was woven across many experiences that you described to me.
Listening to the Voices?

It also came over strongly how Freddy wants you to be assertive and Sherlock wants you to be safe, and how this drives a lot of their interactions with you; and that at times these competing demands can be difficult and that you have had to learn to negotiate, compromise, and find a balance between them.

Notes as typed during feedback phone call:

Overall reflected her story and generally happy with it. The end is not quite right – too much positive emphasis at end of summary, has not got a balance yet, would like to but not there yet. Voices still really difficult to live with a lot of the time, and it’s just some occasions that she manages to get through to them, is still learning to communicate with them, and can find it quite difficult to communicate with them, but “I don’t want to get rid of them – I know that they’re, in their own way trying to help.” Rare times of companionship. Takes time. Balance is what she’s working for, not where she is.

Story-arc – matches her experience, happy with her turning point, agrees with chapter titles / descriptors, yes, chaotic good description of what like, especially at start, was really confusing.

Original Transcript – 8694 words

Sarah’s Story-Summary – 2244 words
Listening to the Voices?

Appendix Three – Example of Narrative Analysis: Narrative Structure and Performance

The below extract illustrates using the performative and structural-coherence elements of Narrative Analysis to analyse a transcript in relation to the research question. In using Labov and Waletzky’s (1967) Structural Model of Narrative, Scott’s ability to create a coherent ‘micro-story’ can be seen. He uses ‘performance’ to convey his experience of voice-hearing, and the strength of ‘entity-ness’ of the voices he hears:

1 I once got asked a question about ...how [I] cope with it, ... I says to them,

2 “I tell you what, ... one of the ones I really experienced, ...might, put it across to you,“

3 And I said,

4 “I went in the local pub, and, went up to [the] bar, and the, lass at the bar says,

5 ‘What would you like to drink?’

6 And, I said, this is all in the space of [a] second, M’Lady, who’s me female voice,

7 [different tone of voice]

8 ‘Gin and tonic, love gin and tonic,’

9 Max is saying, [Max tone of voice]

10 ‘It’s gotta be bitter, I’m a man, we drink bitter,’

11 Del, [Irish tone]

12 ‘Guinness, all Irish people drink Guinness, Guinness is the drink of the Irish man,’

13 Then I’ve Harriet, [sad, quieter tone]

14 ‘I can only have coke because I’m only 12,’

15 And Harry’s like, [whispers behind hand and away from us]

19 “…Can we have a cider, I’d love a cider,”
Listening to the Voices?

17 And then M’Lady’s saying, [M’Lady’s tone]
18 ‘Phwwww, ohhh, god he’s a dish, I really fancy him, can we go over and talk to him?’
19 Del’s like, [Irish tone]
20 ‘Ignore her, look at the bar lady, she’s absolutely beautiful, we should be going out
21 with her, … I think we’ll go out with her instead’
22 And M’Lady’s going,
23 ‘pwwwh, oh no, I’d love to spend a night with him,’
24 And I’m like,
25 ‘I’m not doing that, that is not going to happen.’
26 ‘Can I have a pint of lager love please,’” [laughs while saying last two words]
27 [Laughs] and it’s like [that gets] across to people that, [what] goes on in, [the] space
28 of a, like a few seconds. But just to be a devil and order to something completely
29 different is quite a, relief,
30 “I’ll have a pint a lager” [chuckles].
31 [I’m] just trying to, like, appreciate them now and … get along with them, because,
32 … the whole going back to the doom and the gloom an, the place that I was, really
33 scares me, it’s kind of why I always work with them,”

(Lines 277-292 in original transcript).

Performance:

There is a strong performative aspect (how the story is told), used to convey emphasis. Scott used different specific voices for his different voices. He also used voice, (tone, volume, emphasis,) and body language to convey characterisation of his different voices, and his
Listening to the Voices?

feelings at different points of the narrative, for example his emphasis on the word “not” when saying, “that is not going to happen”. He used ‘performance’ to help convey his experience of the voices as having different characters, personalities, and wishes. That he was telling it as a shared experience, a story with an audience, was demonstrated by the shared laughter at key points, and eye-contact made with the researcher: sharing the humour, and assertion of agency, that he was going to order what he wished, and not be controlled by the wishes of the voices.

Coherence and Narrative Structure:

Scott used this ‘micro-story’ to help create his holistic narrative. It helped convey where he was, at the time of the interview, in his voice-hearing journey, as opposed to where he had been at the start when he,

“...spent a lot of time, arguing with them, shouting with them, and really having a general go with me voices, ... they were, making me life a misery,” (lines 21-27 – original transcripts).

Scott demonstrated the ability to create a coherent narrative when the transcript is examined via Labov and Waletzky’s Structural Model of Narrative (1967), (see Figure 1):

<table>
<thead>
<tr>
<th>Plot Element</th>
<th>Description</th>
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<td>Summary of the subject matter</td>
<td>1-3</td>
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<tr>
<td>Orientation</td>
<td>Information about the setting: time, place, situation, participants</td>
<td>4-5</td>
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<td>Complicating action</td>
<td>What actually happened, what happened next</td>
<td>5-26</td>
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<tbody>
<tr>
<td>Evaluation</td>
<td>What the events mean to the narrator</td>
<td>27-29</td>
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<tr>
<td>Resolution</td>
<td>How it all ended</td>
<td>26, 30</td>
</tr>
<tr>
<td>Coda</td>
<td>Returns the perspective to the present</td>
<td>31-33</td>
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</tbody>
</table>

*Figure 1: Labov and Waletzky’s Structural Model of Narrative, taken from Elliott, (2005), p42*

**References:**


Appendix Four – Section of Transcript to Illustrate Analytic Process

<table>
<thead>
<tr>
<th>Major plot – turning points</th>
<th>Coherence</th>
<th>Cultural Resources and positioning</th>
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<td>use of language, metaphors, descriptors</td>
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<td>Performance</td>
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</table>

Transcript - Iain

I haven’t made any of sense of it to be honest with you, that’s why I went to see the Drs and all that yep? Erm, **sometimes the voices can be nice**, er but, er, I would say, pwwhhhh, **seven percent out of ten percent**, they quite nasty actually, erm, ... they don’t like my wife, ... and they keep telling me to hurt my **wife**, but er, I just say, ‘go away’, well, I’m being polite yeah, and er, its, .. not a good time for me and my wife at the moment because, she’s a bit scared, you know, and that really, .. does my head in, you know, and I’ve upped my medication a bit, I umm, ‘stead of taking a hundred mil, I take one-fifty now, and, it’s sort of, .. balanced it out a little bit, but you know, **but it hasn’t got rid of the voices**, so they put me on sleeping tablets they said right, with your medication, and your sleeping tablet, you take one a night, and it should, help you, err, at first, the sleeping tablets worked you know, but er, and then, I don’t know, my body came immune to them, I started taking two, which, [snaps fingers] when I take two, I **sleep like a baby**, but I told my doctor, one is no good, he said, well, cos, I got er, a repeat prescription in, and they refused it because they said that, I’d used them up, in instead of 28 days, I’d used them
Listening to the Voices?

up in 14 days, so I said, ‘well, I’m taking two’, you know, and, I dunno, erm, ... when I, when I was born, I was a, a twin, ... I was born a twin, a twin was, still born, you know, and a mate of mine, ... I know it sounds crazy, but, he asked me: ‘d’you think it’s, your twin that’s talking to you?’ ... I said ‘I dunno,’ and I, I can’t make sense of it, I said, ‘well, if it’, you know, this is only an example, ‘if he, if it is him talking to me, why is he so nasty? Can you explain that? ... Cos i can’t explain it, you know, is there jealousy there? Is there, erm, phew, y’know, an, my mother, ... [text deleted for confidentiality] she blamed me for, ... him being still born, because I was supposed to be lain, which I am, and he was supposed to be Tomos, so now, I’m lain Tomos, and she didn’t like that, but my dad said ‘nope, he’s lain Tomos, blah blah blah’. I got on really well with my dad, but, erm, I never got on at all with my mum, you know, and um, ... she kept on saying that, it it was my fault that, ... Tomos had, ... been still born, but with her being a Catholic and all that, you know, she was, apparently she was told by the Doctors, you have to abort the two of them, ... Otherwise she would die, but, with her being a, massive catholic, ... she would rather die, and give, them life, whatever, but er, you know, I’m a little bit messed up to be honest, me, you know, and erm, ... I don’t know, but er, these voices are really,

12 All names are pseudonyms.
Listening to the Voices?

getting me down, and I go and see Dr, or um, can’t remember his name now, ...
or, whatever, and erm, I think I’m due to see him this month sometime, but he wants to change my medication again, ... because the, ... or these tranquillisers or whatever he gave me, so, made me very violently sick, ... so I, phoned him up and I said, ‘I can’t take these’ and he said ‘stop taking them, there’s a prescription here’, which, is still there actually, and, I was told not to touch them, by, the voices, ... that eg, they tried to destroy me and stuff, so, ...

phew, I don’t know, I really don’t know, ... you know, but erm, ... He’s not a very nice person, ... he comes to me about, phew, between one and two o’clock in the morning, and, she’ll get up a, cos, it’s gone lately, that we, don’t even sleep, in the same room, I’ve got, a different room, whatever, erm, you know, [laugh] I don’t know what to say really, you know, they’ve gotta stop, but erm, how do you stop ‘em? But then again, I think to myself, am schizophrenia? ... you know, two persons in the one body? Because me [relative] was schizophrenic, ... my [relative] is schizophrenic, ... she’s having really serious medication, ... [text removed for confidentiality], ... she’s getting treated for, er, schizophrenia, and then this, when she kicks off she has to go into these homes, er, under lock and key and stuff, until she’s, fit again to come out, and I go there to see her and stuff, she’s what, ... ... [gives age] I think, something like that, and, erm. You know, I was blamed for that as well,
Listening to the Voices?

... y’know if I see somebody else doing that, I will think, phwee, ugh, that guy’s er, ... off his head, you know? And then somebody sa, er, another mate of mine, he er, he says, ‘do you know what you need?’ I says, ‘I dunno what I need no’ I said ‘I know I need help’ he said, ‘er, why don’t you start smoking erm, cannabis? It’ll knock you out’ oh I said, ‘I’m not into drugs,’ I mean, I have a pint like everybody else, and I’m stupid enough on that, without, ... he said ‘oh you’ll just, chill there, an you’ll fall asleep, an, whatever’ I says ‘no, no thank you,’ and he goes, ‘I ca- I’ll make you one if you want’ I said ‘noo, no no, I’m not into that,’ I never have been really into drugs because, I’ve seen, a mate of mine, and it, while we were young, he was ... into, magic mushrooms, and he was into, er, that blotting, er LSD an all that, an, he chucked himself off a bridge, he thought he could fly [laughs], next minute, he was killed on the track, train came [claps hands] bomp, cos we all used to go to a certain place, an, where we were living an knew when we was, what, 15, 16, and, he was high as hell, and he just ... went for it... and they never did, well they did find him, but erm, they were putting him in bin bags, so, y’know, an if that’s what drugs does to yer, phwee, it’s not worth taking, put me right off, but I think I’m- I’m either, schizophrenic, or I’m crazy, one of the two, y’know, I dunno, and I’m having a very hard time with it, y’know, ... but there y’go, ... and nobody can make sense off it, ...
so, sometimes I think, am I schizo, erm phant, phrenic, sorry, or, ... has my, or has my head just gone? You know, my brain, something in my brain whatever, but, I dunno, an I'm not too happy with all these headaches I'm getting either so, you know, ... but the mental health dr, er, he's going to look into it. ... so, to be honest I don't think there's any way they can help me, you know, an, that's me in a nutshell, ... ... am I schizophrenia, or, schizophrenic? Am I just mad? Am I crazy? I don't know, y'know, but erm, these voices, are as loud, as what we are talking now, y'know, and my wife, sometimes she'll get up and, an, could be about 3.0 clock, at, 'who the hell you talking to?' ... and I say, 'just go back to bed, I'm ok' and she, pretended, she thinks I'm talking to myself, but... I said, 'nut, I'm talking to myself, I'm talking to, ...' and I have, full blown conversations, with, this er [Chuckles] this voice, it sounds mental but you know, but, sometimes we get on, y'know, ... I'll be watching a film and he, he'll just [snaps fingers] just come like that and he'll say 'oh, what you watching' I'll be 'oh whatever it is' [snaps fingers] he'll go 'is it any good?' 'yeah' y'know. ... You don't know, [looked at me wanting an answer]

Me: I think it's really hard to say, I think,

Yeah,

I think it's crazy. .. y'know, I dunno how to deal with it, but, .. y'know, when you're sitting, .. by yourself, and then you start 'giving a conversation with
Listening to the Voices?

What did you think when you, first started hearing the voices?

I've heard the voices for years, y'know, I just thought it was a natural thing, y'know, like, er, some people, y'know, when you're when you're born or you're you're your growing up, some have imaginary friends, y'know, which, they can actually see these friends of whatever, apparently, I err, cos, er, one of my first daughter went though that, an, we had to put a plate, and put a little bit of food on the plate for her, y'know, an, she would, talk among, eat up, whatever, and, go back to her other plate, but, when, we took her to a

Doctor he said, 'that's natural, that is a natural' but, what I'm hearing, that's not natural, because it's just like, er, the volume that, we are speaking at, an the all, all it's it's very clear, so, you know, I don't know what's going on. I'm very confused, to be honest, you know, .. and... but he doesn't li- I know he doesn't like my wife, ..
Appendix Five – Ethical Approval

Copy of Email of Bangor School of Psychology Ethical Approval

ethics@bangor.ac.uk

Wed 07/11/2018, 12:25
Rebecca Bigglestone

You forwarded this message on 07/11/2018 15:09

Dear Rebecca,

2018-16387 People who hear voices: How do their relationships with their voices change over time?

Your research proposal number 2018-16387 has been reviewed by the School of Psychology Ethics and Research Committee and the committee are now able to confirm ethical and governance approval for the above research on the basis described in the application form, protocol and supporting documentation. This approval lasts for a maximum of three years from this date.

Ethical approval is granted for the study as it was explicitly described in the application

If you wish to make any non-trivial modifications to the research project, please submit an amendment form to the committee, and copies of any of the original documents reviewed which have been altered as a result of the amendment. Please also inform the committee immediately if participants experience any unanticipated harm as a result of taking part in your research, or if any adverse reactions are reported in subsequent literature using the same technique elsewhere.
Listening to the Voices?

Health Research Authority
Yorkshire & The Humber - Leeds East Research Ethics Committee
NHSBT Newcastle Blood Donor Centre
Holland Drive
Newcastle upon Tyne
NE2 4NQ

Telephone: 0207 1048 088

Please note: This is the favourable opinion of the REC only and does not allow you to start your study at NHS sites in England until you receive HRA Approval

10 January 2019

Dr Mike Jackson
Director of Research
Bangor University
NWCPP, School of Psychology
Brigantia Building
College Road
Bangor
LL57 2DG

Dear Dr Jackson

Study title: People who hear voices: How do their relationships with their voices change over time?

REC reference: 18/YH/0474
Protocol number: LSRP-BB v1
IRAS project ID: 247838

Thank you for your submission of 10 January 2019, responding to the Committee’s request for further information on the above research and submitting revised documentation.

The further information has been considered on behalf of the Committee by the Chair.

We plan to publish your research summary wording for the above study on the HRA website, together with your contact details. Publication will be no earlier than three months from the date of this opinion letter. Should you wish to provide a substitute contact point, require further information, or wish to make a request to postpone publication, please contact hra.studyregistration@nhs.net outlining the reasons for your request.

Confirmation of ethical opinion

On behalf of the Committee, I am pleased to confirm a favourable ethical opinion for the above research on the basis described in the application form, protocol and supporting documentation as revised, subject to the conditions specified below.

A Research Ethics Committee established by the Health Research Authority

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Conditions of the favourable opinion

The REC favourable opinion is subject to the following conditions being met prior to the start of the study.

Management permission must be obtained from each host organisation prior to the start of the study at the site concerned.

Management permission should be sought from all NHS organisations involved in the study in accordance with NHS research governance arrangements. Each NHS organisation must confirm through the signing of agreements and/or other documents that it has given permission for the research to proceed (except where explicitly specified otherwise).


Where a NHS organisation’s role in the study is limited to identifying and referring potential participants to research sites (“participant identification centre”), guidance should be sought from the R&D office on the information it requires to give permission for this activity.

For non-NHS sites, site management permission should be obtained in accordance with the procedures of the relevant host organisation.

Sponsors are not required to notify the Committee of management permissions from host organisations.

Registration of Clinical Trials

All clinical trials (defined as the first four categories on the IRAS filter page) must be registered on a publicly accessible database within 8 weeks of recruitment of the first participant (for medical device studies, within the timeline determined by the current registration and publication trees).

There is no requirement to separately notify the REC but you should do so at the earliest opportunity e.g. when submitting an amendment. We will audit the registration details as part of the annual progress reporting process.

To ensure transparency in research, we strongly recommend that all research is registered but for non-clinical trials this is not currently mandatory.

If a sponsor wishes to request a deferral for study registration within the required timeframe, they should contact hra.studyregistration@nhs.net. The expectation is that all clinical trials will be registered however, in exceptional circumstances non registration may be permissible with prior agreement from the HRA. Guidance on where to register is provided on the HRA website.

It is the responsibility of the sponsor to ensure that all the conditions are complied with before the start of the study or its initiation at a particular site (as applicable).
Ethical review of research sites

NHS sites

The favourable opinion applies to all NHS sites taking part in the study, subject to management permission being obtained from the NHS/HSC R&D office prior to the start of the study (see "Conditions of the favourable opinion" below).

Non-NHS sites

Approved documents

The final list of documents reviewed and approved by the Committee is as follows:

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<tr>
<th>Document</th>
<th>Version</th>
<th>Date</th>
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<td>Participant information sheet (PIS)</td>
<td>2d</td>
<td>10 January 2019</td>
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<td>Research protocol or project proposal [Study Protocol] V1a</td>
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<td>Summary CV for Chief Investigator (CI) [Mike Jackson CV] v1</td>
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<td>Summary CV for student [Student CV]</td>
<td>1</td>
<td>23 July 2018</td>
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<tr>
<td>Summary CV for supervisor (student research) [Rachel Skippon CV]</td>
<td>1</td>
<td>23 October 2018</td>
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</table>

Statement of compliance

The Committee is constituted in accordance with the Governance Arrangements for Research Ethics Committees and complies fully with the Standard Operating Procedures for Research Ethics Committees in the UK.

After ethical review

Reporting requirements

The attached document “After ethical review – guidance for researchers” gives detailed guidance on reporting requirements for studies with a favourable opinion, including:

- Notifying substantial amendments
- Adding new sites and investigators
- Notification of serious breaches of the protocol
- Progress and safety reports
- Notifying the end of the study

The HRA website also provides guidance on these topics, which is updated in the light of changes in reporting requirements or procedures.
Listening to the Voices?

User Feedback

The Health Research Authority is continually striving to provide a high quality service to all applicants and sponsors. You are invited to give your view of the service you have received and the application procedure. If you wish to make your views known please use the feedback form available on the HRA website:
http://www.hra.nhs.uk/about-the-hra/governance/quality-assurance/

HRA Training

We are pleased to welcome researchers and R&D staff at our training days – see details at http://www.hra.nhs.uk/hra-training/

18/YH/0474 Please quote this number on all correspondence

With the Committee’s best wishes for the success of this project.

Yours sincerely

Sarah Richard

Dr Nana Theodorou
Chair

Email: nescommittee.yorkandhumber-leadseast@nhs.net

Enclosures: “After ethical review – guidance for researchers”

Copy to: Mr Huw Ellis, Bangor University

Ms Lona Tudor Jones, BCUHB

A Research Ethics Committee established by the Health Research Authority
Listening to the Voices?

Becky Bigglisteone  
Bangor University  
NWCPP, School of Psychology, Brigantia Building  
College Road  
Bangor  
LL57 2DG

11 January 2019

Dear Becky

Study title: People who hear voices: How do their relationships with their voices change over time?

IRAS project ID: 247838
Protocol number: LSRP-BB v1
REC reference: 18/YH/0474
Sponsor: Bangor University

I am pleased to confirm that HRA and Health and Care Research Wales (HCRW) Approval has been given for the above referenced study, on the basis described in the application form, protocol, supporting documentation and any clarifications received. You should not expect to receive anything further relating to this application.

How should I continue to work with participating NHS organisations in England and Wales? You should now provide a copy of this letter to all participating NHS organisations in England and Wales, as well as any documentation that has been updated as a result of the assessment.

Following the arranging of capacity and capability, participating NHS organisations should formally confirm their capacity and capability to undertake the study. How this will be confirmed is detailed in the “summary of assessment” section towards the end of this letter.

You should provide, if you have not already done so, detailed instructions to each organisation as to how you will notify them that research activities may commence at site following their confirmation of capacity and capability (e.g. provision by you of a ‘green light’ email, formal notification following a site initiation visit, activities may commence immediately following confirmation by participating organisation, etc.).
Listening to the Voices?

It is important that you involve both the research management function (e.g. R&D office) supporting each organisation and the local research team (where there is one) in setting up your study. Contact details of the research management function for each organisation can be accessed here.

How should I work with participating NHS/HSC organisations in Northern Ireland and Scotland?
HRA and HCRW Approval does not apply to NHS/HSC organisations within the devolved administrations of Northern Ireland and Scotland.

If you indicated in your IRAS form that you do have participating organisations in either of these devolved administrations, the final document set and the study wide governance report (including this letter) has been sent to the coordinating centre of each participating nation. You should work with the relevant national coordinating functions to ensure any nation specific checks are complete, and with each site so that they are able to give management permission for the study to begin.

Please see IRAS Help for information on working with NHS/HSC organisations in Northern Ireland and Scotland.

How should I work with participating non-NHS organisations?
HRA and HCRW Approval does not apply to non-NHS organisations. You should work with your non-NHS organisations to obtain local agreement in accordance with their procedures.

What are my notification responsibilities during the study?
The document “After Ethical Review – guidance for sponsors and investigators”, issued with your REC favourable opinion, gives detailed guidance on reporting expectations for studies, including:
  * Registration of research
  * Notifying amendments
  * Notifying the end of the study
The HRA website also provides guidance on these topics, and is updated in the light of changes in reporting expectations or procedures.

I am a participating NHS organisation in England or Wales. What should I do once I receive this letter?
You should work with the applicant and sponsor to complete any outstanding arrangements so you are able to confirm capacity and capability in line with the information provided in this letter.

The sponsor contact for this application is as follows:

Name: Dr Huw Ellis
Tel: 01248388339
Email: Huw.Ellis@bangor.ac.uk

Who should I contact for further information?
Please do not hesitate to contact me for assistance with this application. My contact details are below.

Your IRAS project ID is 247838. Please quote this on all correspondence.
Listening to the Voices?

Yours sincerely

Ann Parry (Health and Care Research Wales)
Permissions Service Manager

Email: Research-permissions@wales.nhs.uk

Copy to:  Mr Huw Ellis
          Ms Lona Tudor Jones, BCUHB
          Dr Mike Jackson
Listening to the Voices?

List of Documents

The final document set assessed and approved by HRA and HCRW Approval is listed below.

<table>
<thead>
<tr>
<th>Document</th>
<th>Version</th>
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<td>Evidence of Sponsor insurance or indemnity (non NHS Sponsors only)</td>
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<td>HRA Statement of Activities</td>
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<td>Summary CV for supervisor (student research) [Rachel Skippon CV]</td>
<td>1</td>
<td>23 October 2018</td>
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</table>
Summary of assessment
The following information provides assurance to you, the sponsor and the NHS in England and Wales that the study, as assessed for HRA and HCRW Approval, is compliant with relevant standards. It also provides information and clarification, where appropriate, to participating NHS organisations in England and Wales to assist in assessing, arranging and confirming capacity and capability.

Assessment criteria

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<td>No comments</td>
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<td>4.1</td>
<td>Allocation of responsibilities and rights are agreed and documented</td>
<td>Yes</td>
<td>A statement of activities has been submitted and the sponsor is not requesting and does not expect any other site agreement to be used.</td>
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<td>Financial arrangements assessed</td>
<td>Yes</td>
<td>No external funding will be sought and no funding will be provided to sites</td>
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<td>NHS Research Ethics Committee favourable opinion received for applicable studies</td>
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Listening to the Voices?

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<td>Other regulatory approvals and authorisations received</td>
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Participating NHS Organisations in England and Wales

This provides detail on the types of participating NHS organisations in the study and a statement as to whether the activities at all organisations are the same or different.

There is 1 site type – all activities listed in the protocol will be conducted at site.

The Chief Investigator or sponsor should share relevant study documents with participating NHS organisations in England and Wales in order to put arrangements in place to deliver the study. The documents should be sent to both the local study team, where applicable, and the office providing the research management function at the participating organisation. Where applicable, the local LCRN contact should also be copied into this correspondence.

If chief investigators, sponsors or principal investigators are asked to complete site level forms for participating NHS organisations in England and Wales which are not provided in IRAS, the HRA or HCRW websites, the chief investigator, sponsor or principal investigator should notify the HRA immediately at hra.approval@nhs.net or HCRW at Research-permissions@wales.nhs.uk. We will work with these organisations to achieve a consistent approach to information provision.

Principal Investigator Suitability

This confirms whether the sponsor position on whether a PI, LC or neither should be in place is correct for each type of participating NHS organisation in England and Wales, and the minimum expectations for education, training and experience that PIs should meet (where applicable).

A PI is required at site.

GCP training is not a generic training expectation, in line with the HRA/HCRW/MHRA statement on training expectations.

HR Good Practice Resource Pack Expectations

This confirms the HR Good Practice Resource Pack expectations for the study and the pre-engagement checks that should not be undertaken.

No Honorary Research Contracts, Letters of Access or pre-engagement checks are expected for local staff employed by the participating NHS organisations. Where arrangements are not already in place.
Listening to the Voices?

<table>
<thead>
<tr>
<th>IRAS project ID</th>
<th>24738</th>
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| research staff not employed by the NHS host organisation undertaking any of the research activities listed in the research application would be expected to obtain a Letter of Access based on standard DBS checks and occupational health clearance. |

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<td>The applicant has indicated that they <em>do not intend</em> to apply for inclusion on the NIHR CRN Portfolio.</td>
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