

Read Me: Research Study Overview

TITLE:

Consent and Inclusion of care home residents: Additional research materials, analysis and results

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- ❖ Google Research Award "Identifying and presenting trust-related features in health-directed search results of older users".

RESOURCE TYPE:

Research Results & Detailed Descriptions of Research Methods.

Research Materials including images and photographs, (Documents; Images (Illustrations); Photographs; Tables; Excel Charts)

DESCRIPTION

This collection of data contains information on the gathering of data (2016-17) from the residents of care homes for older people in the U.K. The study created a novel visual game activity to enhance engagement with residents, and a redesigned ethical consenting approach to be more accessible, equitable and inclusive.

Described are the tools used to develop a visual method of interacting with vulnerable people to better facilitate interviews with them. This includes the research materials, the original images, the process undertaken and lessons learned. Included are:

1. 47 original images illustrating built environment and lifestyle representations.
2. The 39 images used in the final study and the 13 sets under which the images for the final study were categorised.
3. Two versions of a journey map, the researcher's original sketch and a second professionally produced colour version.
 - a. The colour map was the first iteration of key themes considered important for a comfortable care home life.
 - b. The journey idea became the framework for the common sequence of topics for the activity.

4. The design of a more accessible ethical consenting process including the resulting information card and the consenting form.
5. A series of charts to illustrate the development and process of thematic analysis prior to and including the final themes. This includes affinity mapping and the iteration of various code charts.
6. A categorisation of the findings of residents' overall reactions to topics and images.
7. A paper documenting the stages of the research method in detail and links to objects
8. A Folder Tree illustrating the hierarch of folders, files and document types

DATA COLLECTION CONTENTS:

- **FOLDER TREE:** Lists the contents of 4 folders (including file names & file types) of original research materials
- **VISUAL STIMULI**

This folder includes all of the original versions of the images and maps as they evolved chronologically from sketches and prototypes to the final study stimuli, during the process of developing this visual research method. Also included are photographs of the study settings. The files are numbered and named to indicate chronology and content

1. A set of 15 prototype images, developed using colourful representations of objects and spaces, based on the first sketched map.
2. The sketched map illustrating a journey through a care home, arising from interviews with visitors to care homes.
3. A redesigned colour version of the map.
4. A PowerPoint presentation (including notes) based on the journey map, arising from findings from interviews with visitors to care homes.
5. The list of topics given to the graphic designer as a guide to designing a comprehensive set of images for the final study.
6. A complete set of the original art work for 47 images, in numerical order. Included are the images which were eliminated from the final study.
7. The final 39 images used during the final study arranged both as 13 sets and as a *list* showing the study sequence.
8. A series of photographs of the study settings and study materials.

- **ETHICAL CONSENTING**

This folder contains:

1. The *enhanced consent form* used in the second pilot study, developed to be more accessible. It consisted of the traditional university consent form and a further page of questions for the participant to establish 'consent verification'. It made consenting more lengthy and inaccessible to the target population.
2. The revised (approved) *shortened consent form* reduced to 6 bullet points
3. The *A5 Information Card* (Front & Back) used throughout the care homes, designed to inform participants and introduce all stakeholders to the study.

- **CODE BOOKS: THEMATIC ANALYSIS**

This folder contains:

1. A table of all the codes (V.0) used throughout the process of developing a code book.
2. There are also 4 versions of the code book chronologically ordered, as it evolved, including the original and final definitions, in numerical order from V.1 to V.4.
3. A folder of 7 random photographs of the process of mapping themes using post-its and whiteboard

- **METHODS AND FINDINGS**

This folder contains 2 folders: **Research Methods** and **Resident Responses**.

- ❖ **The Research Methods Folder** contains:

1. A table of the game sequence of the sets of images to be used for all participants
2. The original version of a pre-prepared form listing 47 individual images in sets in sequence. This was to enable the researchers to keep track, go off-topic, and to ensure a common sequence for all participants. This first form was called a *Game Table* and used in the first pilot study.
3. A full copy of the *Reaction Map*, used in the final study, listing 39 images and including the Likert-type Scale.
4. A completed example of a section of the Reaction Map, as filled in by a researcher, illustrating its use.
5. RESEARCH METHOD SUMMARY: A summary of the research method is described to enable researchers to quickly understand the aims and objectives of the study and the types of research methods and materials employed. Includes an overview of the research study sample, participant recruitment and data collection and analysis methods.
6. RESEARCH METHOD DEVELOPMENT: A detailed description of the research method, from idea to final study. The evolution of the research approach with links to the original documents.

- ❖ **The Resident Responses Folder** contains:

Two versions of the counts from all 16 respondents' positive and negative responses to each topic and image from the Likert-type scale on the Reaction Maps.

1. An excel chart of the resulting cumulative responses from resident to each of the items and topics.
2. An illustration of the cumulative negative and positive responses from residents