

Supplementary File S3. Final scheme for coding of interview data

Code	Definition
1	Burden/Perceived amount of effort
2	Ethicality
3	Intervention coherence
4	Opportunity costs
5	Perceived effectiveness/perceived usefulness
6	Self-efficacy
7	Perceived ease of use
8	Attitude
9	Behavioural intention
10	Actual behaviour/acceptance
11	Subjective norm
12	Facilitating or inhibiting conditions
13	Image
14	Job relevance
15	Output quality
16	Results demonstrability
17	Individual differences

18	System characteristics	System characteristics are those salient features of iPod home monitoring (a system) that can help individuals develop favourable (or unfavourable) perceptions regarding the usefulness or ease of use of a system.
19	Technology apprehension	The degree to which an individual experiences apprehension, or fear, when she/he is faced with the possibility of using technology (computers)
20	Technology playfulness/comfortable with technology	The opposite of technology apprehension. The degree to which an individual is open to experiment, spontaneous interact or 'give technology a go' and comfort with technology
21	Technology persistence	Not at the same level as technology playfulness but participant appears willing to try to troubleshoot or rectify problems that may arise when using the iPod
22	Perceived enjoyment	The extent to which an individual perceives home monitoring to be enjoyable in its own right
23	Reported experience	Participant actual experience of rather than perception of effort required to test when using the iPod
24	Voluntariness	A choice rather than enforcement of iPod home monitoring
25	Technology reliability	Output quality in terms of data transfer and equipment reliability
26	General health status	Participant's perception of their general health status
27	Perceived threat	An individual's perception of severity and susceptibility that eye health may deteriorate e.g. AMD no longer treatable, will lose sight or progression of AMD to other eye
28	Health beliefs and concerns about eye health	An individual's beliefs and concerns around AMD
29	Habit	The reported experience and perception that home monitoring has/has not become habitual
30	Aging	Functional, health, sensory, cognitive and mobility changes associated with increasing age influencing home monitoring
31	Medical Services satisfaction	The extent to which participants are satisfied with current health care services for AMD
32	Affordability of health services	Refers to the affordability of health services e.g. private health care within NHS context
33	Comfort with health services	Refers to the psychological feelings of patients towards health services and hospital environment e.g. cleanliness of hospital
34	Professionalism of healthcare staff	Refers to knowledge, skills and interpersonal skills of healthcare staff
35	Safety of healthcare	Participant's perception of healthcare safety e.g. experienced medical teams, complete medical facilities, hospital security measures
36	Waiting time	Patient's perception of waiting time for appointments, treatment etc.
37	Information quality	Home monitoring can provide useful information

38	Usual care versus home monitoring	The perception of an individual to choose the physical hospital environment over the 'virtual'/home monitoring hospital environment includes: recommending current hospital to others and continuing to use this hospital
39	Perceived security	Perceived risk or protection from the transfer, management and analysis of personal health information
40	Healthcare professional's (Doctor's) opinion (similar to Subjective norm)	Influence of healthcare professionals as they are perceived to be a point of expert authority
41	Motivational intention to participate in, or seek out latest research	Participant expresses an intention or gets involved in research
42	Views about training/preparation	Participant describes their experience and perception of the training session or preparing themselves for home monitoring
43	Other influencing factors	Participant makes references to factors not otherwise covered by codes within this framework
44	Family support (not Subjective norms)	Participant makes reference to the presence of family or a significant other
45	Emotion	Participant describes stress, anxiety or experience of trauma
46	Major life event	Participant refers to major life event
47	Social context	Participant describes their living space, residential area, whether or not they live with others.
48	Reported performance	Participant describes their performance on one or more tests
49	Keep Sight Journal	Participant describes features and perception of the paper-based KSJ
50	Multibit	Participant describes features and perception of the electronic 'numbers' Multibit test
51	My Vision Track	Participant describes features and perception of the electronic 'bumpy circles/odd one out' My Vision Track test
52	Check-in calls for non-testers	Participant describes having been contacted by CTEU due to non-regular testing
53	Experience with eye care	Participant describes what happens or what has happened when they have been in contact with their local Macular, optometry or ophthalmologist service
54	Order of test	Preferential or chronological order of tests
55	Travel	Participant describes how they get to their usual appointments, includes incurred expenses or parking difficulties