

Code book for Factors influencing the implementation of digital technologies into rehabilitation 17th October 2024

Codes

Name
A1 What, where, how, why, when of the Technology
Accessing DHT (when DHT)
Digital platform utilised
How used-patient
How used-staff
Patient selection
Introducing DHT to patient
Need to gain more information
The starting point (drivers)
Therapist responsibility
Trying to understand what DHT is
What is different about DHT
What it is - Features of DHT
Café/social component
Where does or could DHT sit in current service and pathways
Who is DHT for
Why - using the DHT
A2 Hopes and aims and potential benefits

Name
Acceptable-ness
Being realistic
Clinicians response to idea
Data collection
Empowering self management
Environmental
Expectations unclear at the start - uncertainty
Financial
Hope that clinicians would engage
Hope to meet pts needs
Hopes for the future
Managing risk - condition
Meeting service need
Overall value
Patient engagement
Research engagement - clinician
Supporting therapists to deliver guidelines
A3 Roles in project
Bio-med engineering
Business
Clinical-academic-research role
Personal attributes
Clinician role

Name
Personal attributes
Developer
Personal attributes
Personal decisions
Growing into other roles
Innovator
Personal attributes
Promotion of product
Social support
IT
Personal attributes
Leadership
Part-time Tech Support
Patient
skills, knowledge and attributes
Project Coordinator
Personal attributes required or enabling
Previous DHT experience
Project Lead
Operational set up
Personal attributes
Previous DHT experience
Strategic-service Lead

Name
Getting AHPs on the map
Grasping opportunities
Need to be evidence-based
Personal attributes
Previous DHT experience
Previous investment
Supporting, linking and promoting
Systems Support Lead
Tech Support
Admin
First point of contact-especially for technology
Gatekeeping implementation (IT-IG)
Importance of building a rapport
More than Tech Support
Baseline & outcome measures
email set-up
Supporting choice of technology to purchase
Ongoing support (in real time)
Personal attributes
Previous DHT experience
Previous experience important
Skills required
Some people need more help than others

Name
Sometimes need extra help
unpredictability
The right team
A4 Evolving & developing
Building a team
change
DHT development
Development processes
Funding the development
Selling or having products commissioned for use
Its all new
Confidentiality
Deciding which DHT to choose
Emotional journey
Evolving the technology product
Understanding the problem
Validation
Preparation and planning
Adaptation to NHS service
Admin and set-up
Effort required
Equity and inclusivity
Exploring feasibility

Name
Funding
Getting powers that be on board
Identifying interest and champions
IT-setting up
Security
Link with, and support from other organisations and people
Logic model
Map of process or vision
Operational processes (risk ax, SOPs, logistics, Information governance, processes to get DHT)
Risk of not using tech
Pilot at different site
Planning the evaluation
Problem solving
Procurement
Recruiting staff
Running two systems
Time
Timetabling
Training and supporting staff
Self taught
Trial
Reflecting on this
Tech support evolution

Name
Needed someone in role quickly
The future
Developing the technology
Education
Uncertainty
Modifying and living with uncertainty
A5 Collaborations & communication
Being a key conduit
Being outside the organisation
Communicating with patients
Communication required within team
Communication with stakeholders
IT support required-maybe move
Sharing learning in team
Team work
Wider dissemination
A6 Stakeholders
A7 Influencers (barriers, challenges and facilitators)
Accelerator programmes and AHSNs
Access to suitable technology (incl email)
Accessible and visible
Alignment with current service
Alignment with national strategy

Name
Band 3 and 4s
Building relationships remotely
Championing
Clinical strategic lead or manager support
Clinical-academic role
Clinician decision making
Collaborations
Communication with patients
Developer access to stakeholders
Developer versus clinical or research approach
DHT alongside therapy
DHT platform
Multiple platforms
Underlying operating system
Ease of use
Environment
Ethics (research or evaluation)
Evidence
Family support
Skills of family and training needed
Financial
Incentives
Flexibility within role

Name
Funding and procurement
Funding access
Ongoing funding
Patient funding
Gatekeepers at all levels
Health economics understanding
Impact of covid
Covid barrier
Covid facilitator
Information governance
Investment and development
IT
Early involvement
Getting referral in sufficient time
Networking-standalone
Support when DHT not working
Links with other organisations
Maintenance
NHS Clinician developer
Operational challenges
Organisational readiness
Ownership
patient - facilitating engagement techniques

Name
Patient comfort
Patient motivation and self-management
Patients perception of role of technology
Patients understanding of technology how to use tech (incl. digital literacy)
Patients willingness and preparedness to use
Pigeon-holing
Produces data
Professional scope-perception
Project lead and coordinator
Experience
Knowledge
Rapid development of technology
Research-role and understanding
Risk associated with use
Staff capacity
Staff perceptions and beliefs
Staff seeing patient benefits
Staff skills and knowledge
Staff willingness and preparedness to use tech
Staff-clinician endorsement
Supplier - developer - tech company
Support required from organisation
Willingness to introduce in organisation

Name
Tech support
The processes
The team
The vision
Time - staff
Versatile
A8 Response to DHT (evaluation)
Agent for change
Not meeting full potential
Organisation and service benefits
Improving organisational reputation
Improving service reputation
Service improvement
Equity & access enhancing across ISNDN
Working together across disciplines
Patient response
Family response
Getting up and running (online)
Personal benefits
An opportunity
Gratifying
Personal development
Researching implementation-exciting

Name
Purchasing DHT
Staff response
Uptake
Patient uptake
Staff uptake
Trial period