Participatory healthcare innovation

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Participatory Healthcare Innovation

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future bathroom & loo lab

Taipei, Taiwan

China
Germany
Netherlands
Switzerland

Istanbul, UK

Sheffield, UK
Hearsay

Hearing loss can lead to social isolation with interventions needed to enhance communication. Hearing loss can lead to depression, anxiety, and frustration.

Out of Reach

Engagement with objects and living spaces becomes confined. Changing needs and physical changes mean previously useful and desirable products become redundant.
exhibition in a box
Participation

• Co-creation/Co-production
• Involvement of users = more translatable and transferrable
• Design ‘Thinks’ and 'Does' things differently
• Primary benefits of collective making:
  – Generation of ideas
  – Synthesis of knowledge and perspectives
Generating Ideas

Series of activities that are intended to demonstrate some of the challenges that people face in generating genuinely new ideas.
Turn as many of the 30 circles on your sheet into recognisable things in 2 minutes
How many uses can you think of?
Child
Elderly person
Animal
Astronaut
Bathroom
Kitchen
Car
Garden
1. What else could you use this object for?

2. What would you add or change about this object to make it better?

3. What is the object for? How else could you achieve this?
Synthesis of perspectives

• Participatory prototyping & collective making
  – Future bathroom
  – Head-Up
Nothing currently available offers support with movement. Collars currently prescribed were developed for trauma (immobilisation) or short term head support.
Synthesis of perspectives

• Participatory prototyping & collective making
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• Arguably, this physical prototyping becomes increasingly important the more abstract the concept – as in service design
Summary

- ‘Wicked’ problems are often too complex and dynamic to have single absolute solution
- Requires multi-stakeholder approach to generating solutions
- Participatory design offers an approach to bring people together for technology and service design
- Collective making and participatory prototyping is at the core of this approach and creates benefit by:
  - reducing hierarchies
  - creating a common language
  - generation of ideas
  - real time synthesis of perspectives