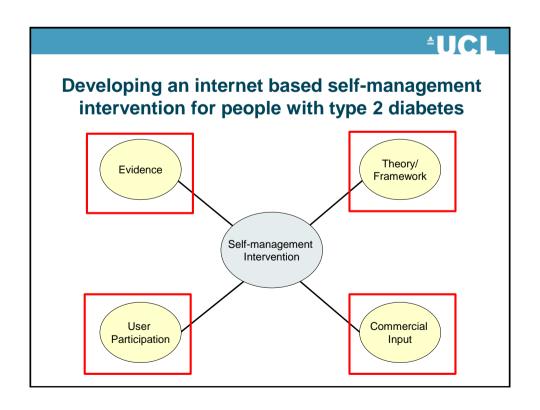


Integrating theory, qualitative data and participatory design to develop HeLP-Diabetes: an internet self-management intervention for people with type 2 diabetes.

Kingshuk Pal, Charlotte Dack, Jamie Ross, Elizabeth Murray

e-health unit, Primary Care & Population Health, University College London ISRII Conference May 2013



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Overview of the session

- Introduction KP
- Managing a long-term condition CD and JR
- A modular approach JR
- · Technical specifications and conclusions KP

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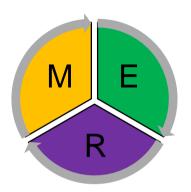
Type 2 Diabetes

- High prevalence: estimates of around 350 million people worldwide
- Significant impact on longevity and quality of life
- Complications = CVD, CKD, blindness, neuropathy
- Impact reduced by good care and selfmanagement
- Urgent need to improve self-management skills



Management of a long term condition

- Medical Management
 - Taking medicines, working with HP, adopting healthy behaviours
- · Emotional Management
 - Guilt, anger, shame, stigma, despair, anxiety
- Role Management
 - Disruption of biographical narrative



Corbin and Strauss: Unending Work and Care. 1988

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Medical Management

- · Information necessary but not sufficient
- · Behaviour change:
 - Smoking cessation
 - Healthy Eating
 - Physical Activity
 - Taking medicines
 - Drinking alcohol in moderation
- · Working with health professionals
 - Shared record, access controlled by patient
 - Information flow between EMR and SMP



M



Emotional Management

- cCBT
 - Depression; Anxiety; Hope; Anger
- Journaling
- Mindfulness
- Social support
 - Personal stories; Moderated forum
- · Information provision
 - Style, content, navigation, presentation



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Role Management

- Information
 - Acknowledge the problem
 - Focus on relationships (family and friends) and work
 - Practical hints and tips, e.g. travel, insurance
- Personal stories

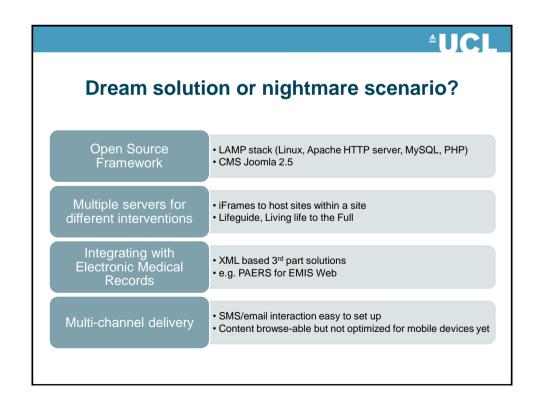
- How other people felt and what they did

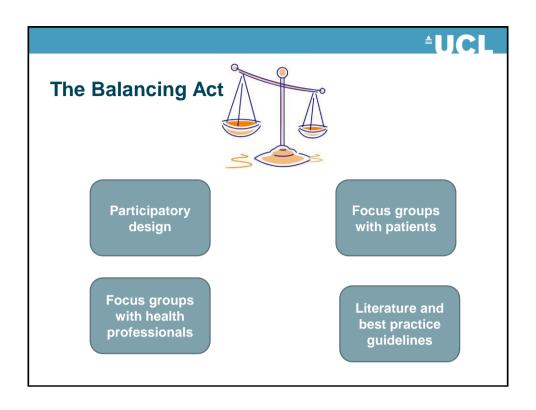
R

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Modular Approach: Beg, Borrow and Buy

- · Behaviours:
 - Stop Advisor; POWER; Down Your Drink;
- · Emotions:
 - Living Life to the Full (cCBT: Hope, anger, sadness, guilt, worry, happiness)
- Social Support:
 - Health Talk Online







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Conclusions

- People with long term conditions have complex, evolving needs
- Developing an entire self-management programme for each condition is a lot of work
- Corbin and Strauss model defines the scope of the challenge
- Specific solutions targeted at required behaviour change or emotional support
- Modular approach allows re-use / re-skinning of existing programmes
- · Could be a template for other LTC.

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Thank you Any questions?

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