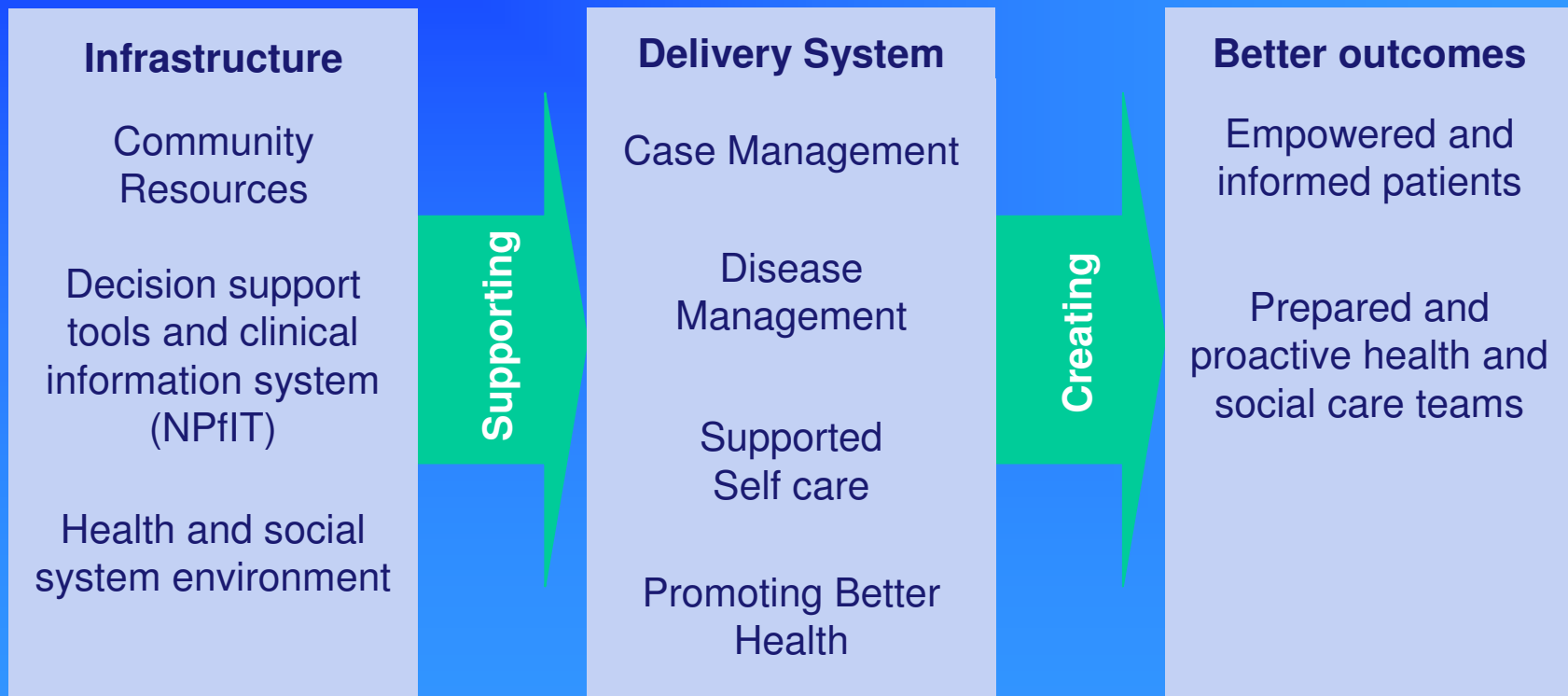


Remote Patient Monitoring – Caring for patient in the community

Professor David Colin-Thome

The NHS and Social Care Chronic Disease Management Model



Range of White Paper CDM commitments 06

- Bigger emphasis on self care and integration
- Universal case management for VHIUs
- Requirement for multidisciplinary teams/networks
- Personal Health and Care Plans
- Assistive Technology

Whole System Demonstrator Programme

- The WSD Programme was announced in May 07
- WSD project – the largest randomised control trial for telehealth (TH) / telecare (TC) with sites in Newham / Kent / Cornwall.
- It is a testing ground for home based technologies that can support the care of those with long term conditions and social care needs
- The evaluation process involves external and independent academic organisations and local research & development in the PCTs and Local Authorities.
- The complex evaluation will involve 7 academic organisations

Whole System Demonstrator Programme

- Three LTCs of interest were identified:
- Diabetes – worldwide increasing from 171m to 323m
- Congestive Heart failure (CHF) – 1-2% of current health care spend
- Chronic Obstructive Pulmonary Disease (COPD) – 5th most common LTC
- it was not in scope to look at all the interactions between different LTCs in this project. However, people with multiple LTCs are eligible to be on the trial provided they have one of the 3 reference conditions – COPD, CHF, Diabetes.
- WSD project follows OHOCOS White Paper commitment to look at role of integrated care and role of assistive technologies – this team is looking specifically at assistive technology.

Whole System Demonstrator Programme

- Telecare is passive / monitoring (e.g. movement sensors), whilst Telehealth involves the remote exchange of vital signs data.
- Aim of evaluation is to look at the impact of these devices for people living with LTCs and/or social care needs. Published evaluations have been small and insufficiently rigorous – value has not been proven.
- Participants fall into 3 categories
 - Patients with LTCs
 - Patients with Social Care needs
 - Patients with both

Whole System Demonstrator Programme

- The trial involves a cluster randomised design where the practice is the unit of randomisation. There are 5 themes to the evaluation:
- Look at the impact on service use – cost to NHS & Social Services
- Participant reported outcomes & clinical effectiveness – clinical severity / participant reported quality of life / psychological well-being
- Cost and cost-effectiveness
- Qualitative studies to determine the experience of telehealth / telecare via in-depth qualitative interviews of service users / informal carers / H&SC staff
- Organisational studies looking at what organisational factors facilitate or impede the sustainable adoption
- There is a control group, so it is possible to look at changes in control group and intervention group as cultural shifts take place across the patch.
- The evaluation is being carried out by: University College London (SN is principal investigator for the evaluation); London School of Economics; Oxford University; University of Birmingham; Manchester University; Imperial College London; Nuffield Trust.

CDM New Developments

- Year of Care pilot
- Patient Prospectus-incorporating Information Prescriptions
- Individual Budgets
- Developing Patient Reported Outcome Measures (PROMS)

Primary and community care strategy: overview

Case for change	Strengths	Highly valued services	Ties to local communities	A decade of improvements
	Challenges	Services that don't join up	Unwarranted variability in quality	Changing demands

Our vision	Services shaped around individuals	Responsive and integrated care	Choice in primary & community care	Empowered patients & public
	Promoting healthy lives	Promoting health throughout life	Access to healthy living services	Tackling health inequalities
	Continuously improving quality	Transforming community services	Driving continuous improvement	Assuring essential standards

Leading local change	Reinvigorating PBC	Piloting integrated services	World class commissioning	Health and social care
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