Use of Modelling to support service redesign through Practice Based Commissioning

A PCT Perspective

Marion Crundwell Locality Commissioning Manager Eastern Birmingham PCT

Plan of Session

Introduction

What does modelling have to offer the practice based commissioning process?

What is practice based commissioning ?

- All GP practices given an indicative budget to buy services from providers.
- Practices (<u>not</u> PCTs) will identify the health needs of the local population and identify the appropriate services to be provided.
- Practices must offer patients a choice.
- Up to 100% of any savings made can be held at practice level, which must then be used for developing or providing services for patients.

Payment by Results (PBR)

- Hospitals and other providers paid for the work they actually do
- Payment will be linked to activity
- Payments "follow the patient" rather than historical block contracts

What does modelling have to offer the practice based commissioning process? Help us to support practice based commissioners and other stakeholders in the planning of a particular service redesign toFocus on some of the options Identify outcomes to be expected from the process Investigate the "what if's" Add structure to the debate Avoid going straight to the solution

What does modelling have to offer the practice based commissioning process?

.....continued

- Build in key variables
- Help us to look at simple changes in the context of the wider picture
- Help us look at efficiency and effectiveness of various options
- Provides a framework for stakeholders to add their views, ideas and concerns

Example

Out Patient Referrals

- > Identify stakeholders
- Map current pathway
- Identify where we want to go

How would modelling help us?

- > Identify how we might get to the desired outcome
- Map out the knock-on effects of possible changes
- > Show us possible risks
- > Shows a whole systems approach to the issue

Practical modelling application

- > Summer MSc student placement
- Level of referrals a real issue for our PCT
 Number of referrals
 - Number of follow-ups
 - > Number of consultant to consultant referrals
- Seeking alternative pathways that are cost effective, produce better outcomes for patients and satisfy criteria set by the key stakeholders





Conceptual flow map

University of Southampton

- Patient-focussed perspective what happens to patients now?
- What options are currently open to the patient at each stage of the pathway?
- What is included in the system, and what is outside it?



- Who else could provide them?
- What local factors (political, historical, or clinical) have influenced the way these services have developed over the years?
- What is going to change? (Demographics, etc)
- What factors are standing in the way of change?



University of Southampton

Hampshire

Proposed new service

- New "Intake" service, designed to assess and reable new clients in more flexible way
- Major concerns:
 - insufficient in-house capacity within HSS
 - change in working practices and job responsibilities
 - possible redundancies politically sensitive
 - Clients' responses: reduced continuity of care

Project Objectives

 Develop (7 slightly different!) simulation models of the new Intake service

Hampshire

- Determine the feasibility of the service
- Identify potential care staff hours and times required
- Compare with current capacity available
- Model scenarios for unknown parameters









