

Alternatives to Hospital: Models of Integrated Care

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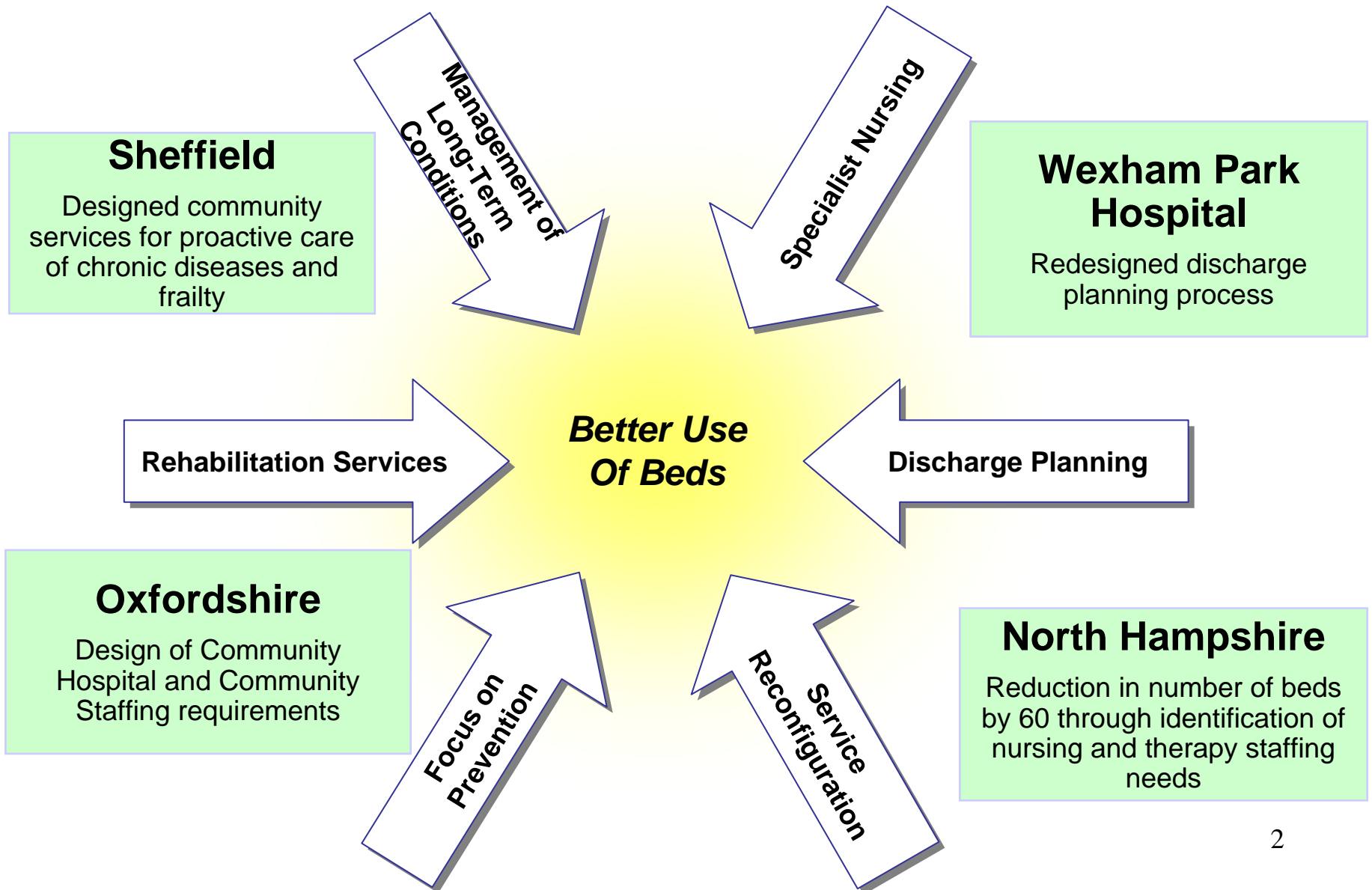
The Balance of Care Group

www.balanceofcare.com

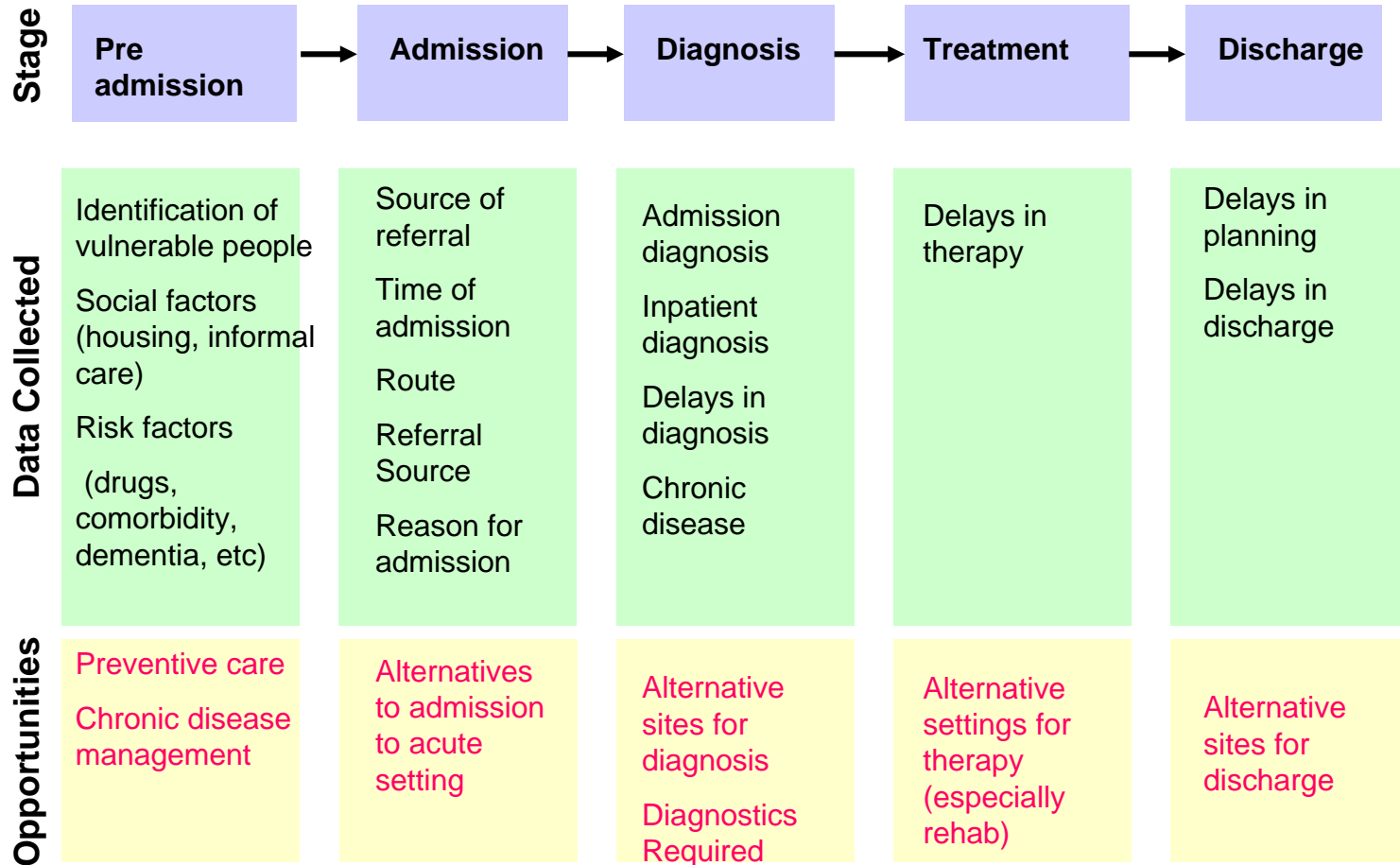
IMA Health 2007, London, UK
2 April 2007



Projects taking 'whole systems' approach



Rich Picture of Process Flow



Point Prevalence Surveys

- All inpatients in selected specialties on a single day
- Acute and elderly medicine, & orthopaedics
- Data collected from casenotes by clinical staff
- Use *Appropriateness Evaluation Protocol (AEP)* to identify possibly 'non-acute' patients
- Also survey non-acute hospitals
- Follow up discharge outcomes to provide basis for demand analysis

AEP Criteria

On admission

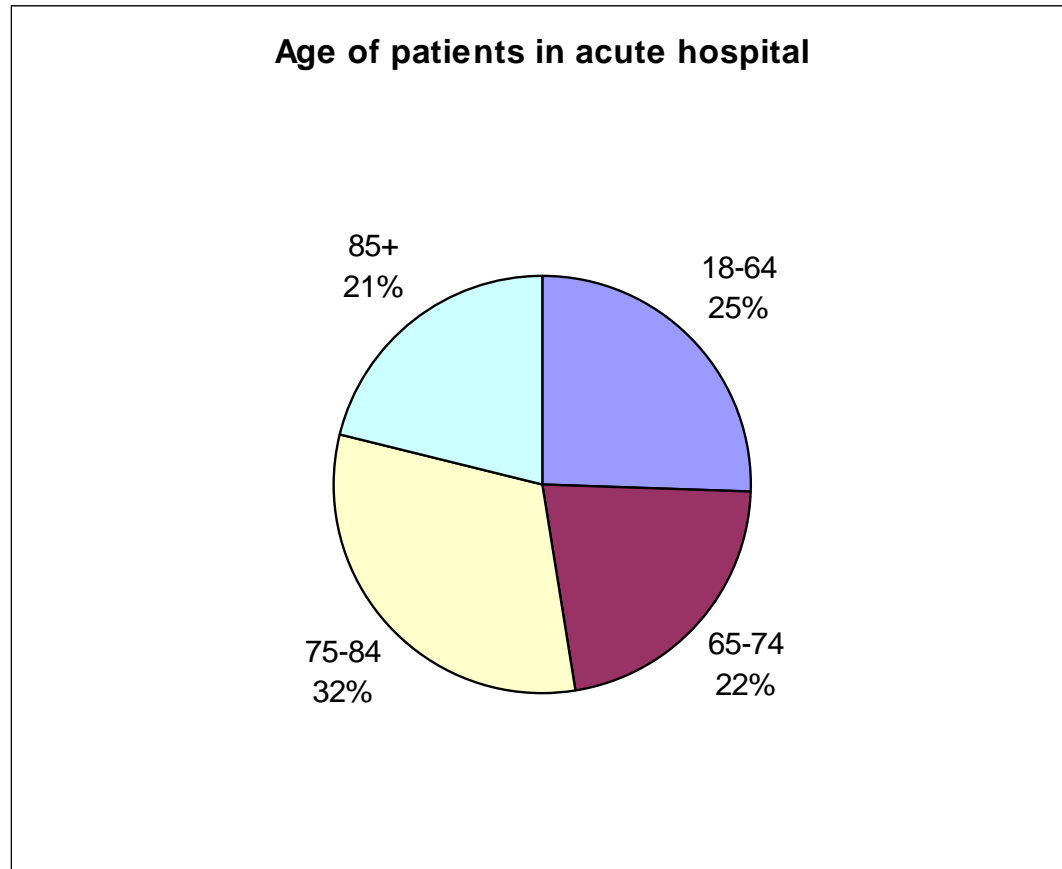
- Severity of illness
eg unconscious, unable to move (fall), acute bleeding
- Intensity of service
eg surgery + gen anaesthesia, regular monitoring, IV therapy

On day of care

- Medical services
- Nursing services
- Patient condition
eg acute confusion, other acute states, coma, fever

Results from Typical Acute Hospital

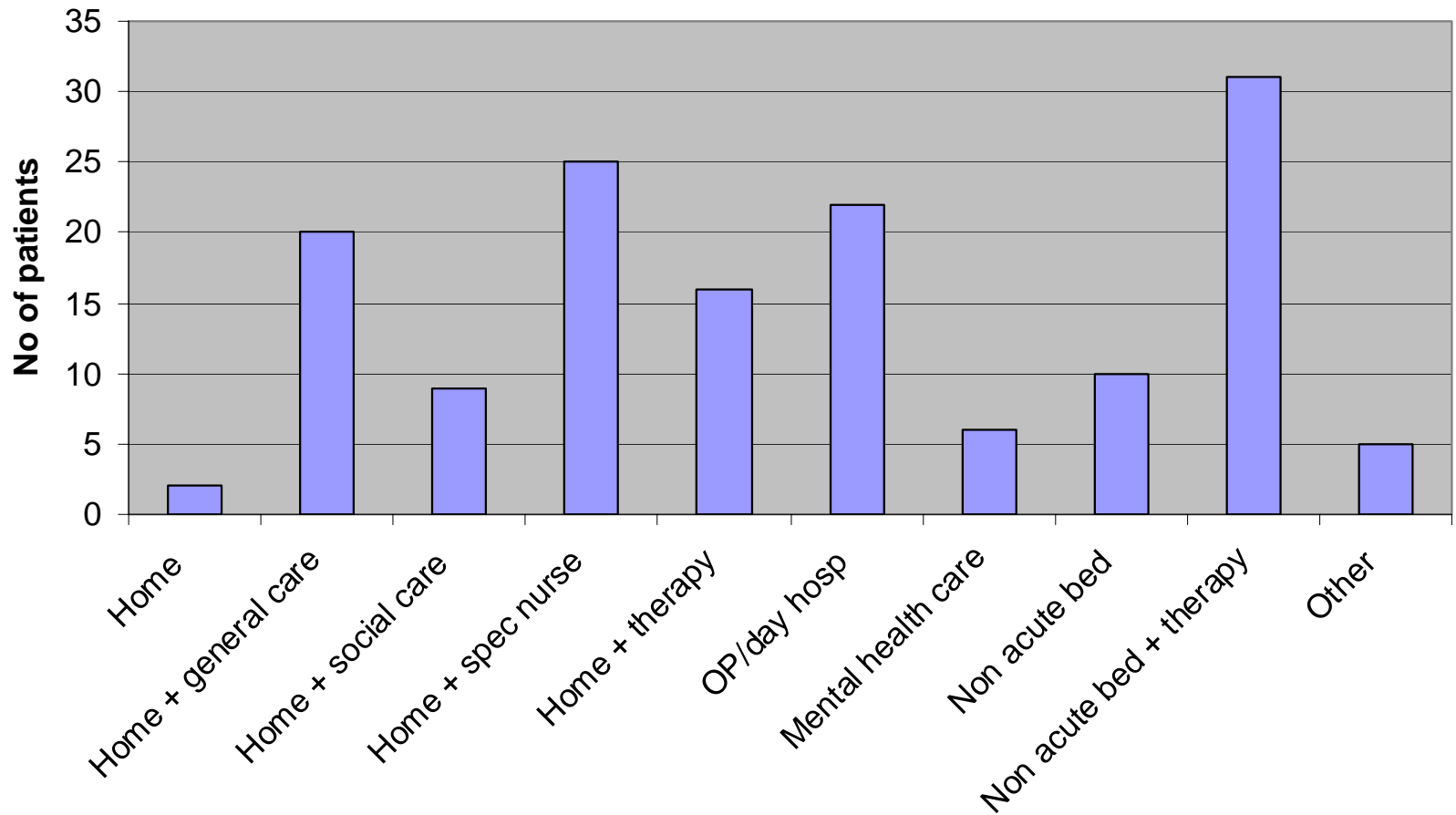
- 12% of all patients admitted outside AEP criteria
- 43% of all patients outside AEP criteria on day of survey
- Clinicians assess preferred alternative type and location of care



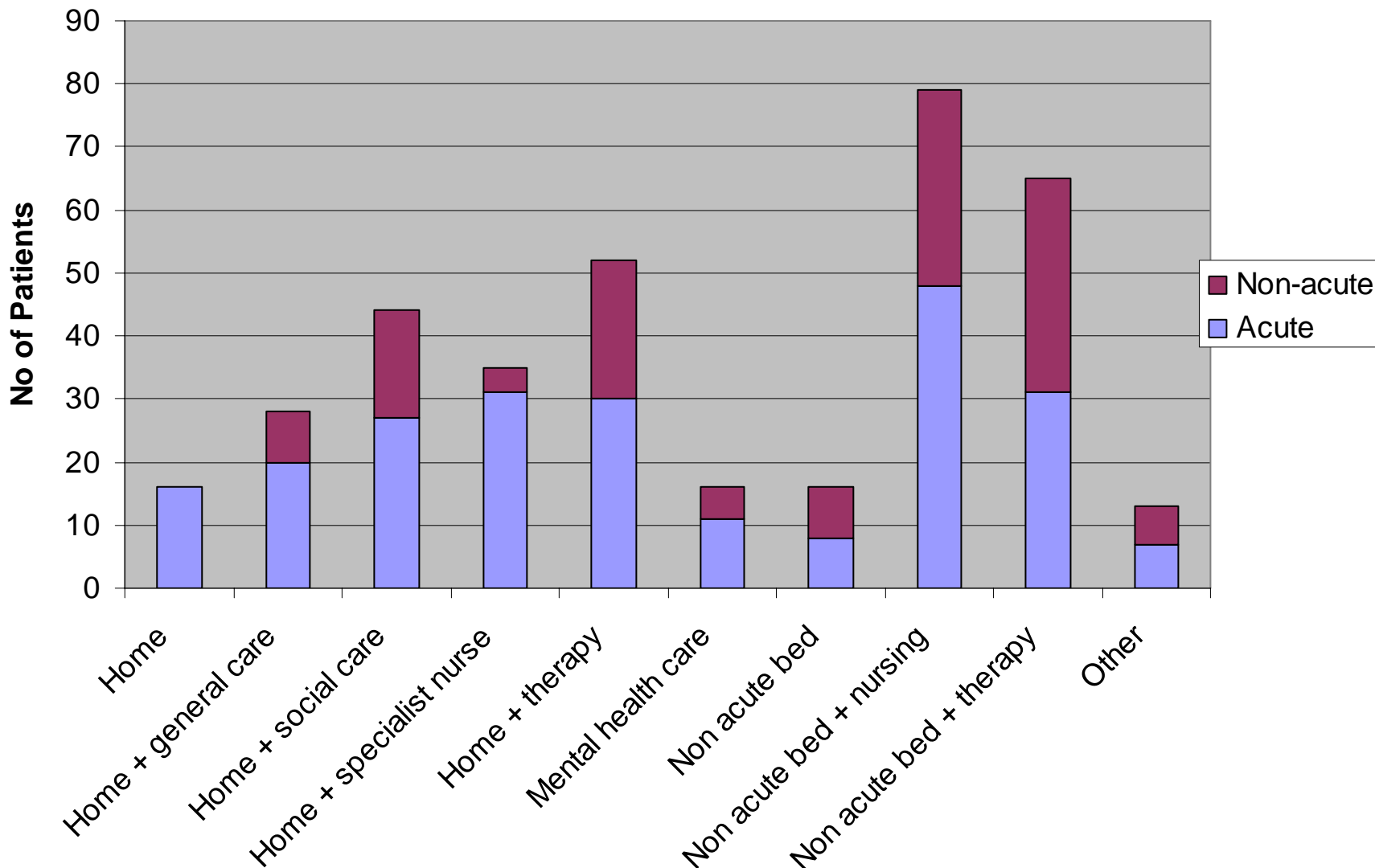
AEP comparison for medical patients

	Outside AEP on admission	Outside AEP on the day
East Berkshire	15%	47%
Cambridge	16%	47%
Oxfordshire	20%	49%
East Surrey	15%	50%
NW Surrey	16%	57%

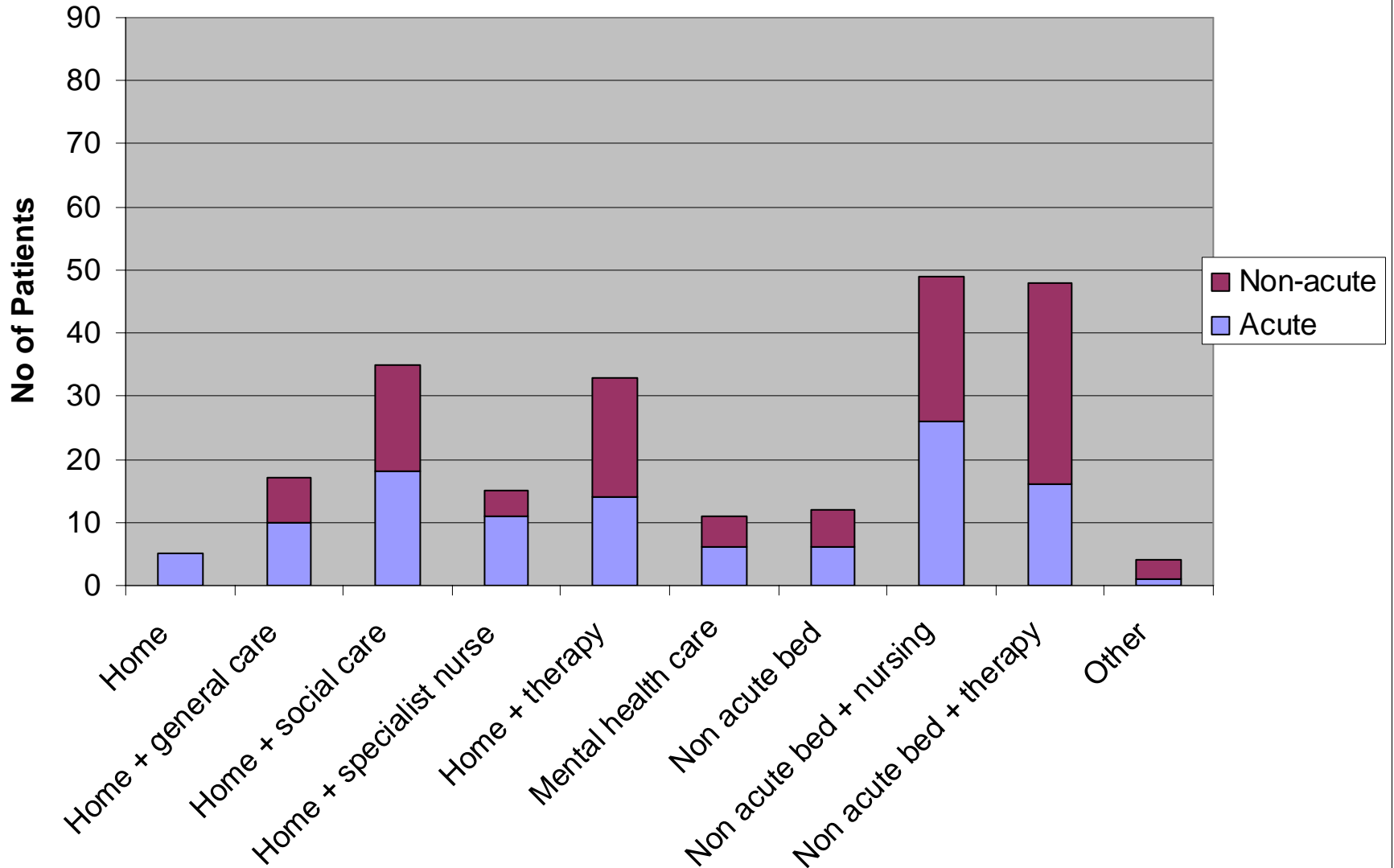
Acute Medicine - Alternatives for Patients admitted outside AEP Criteria (N = 146)



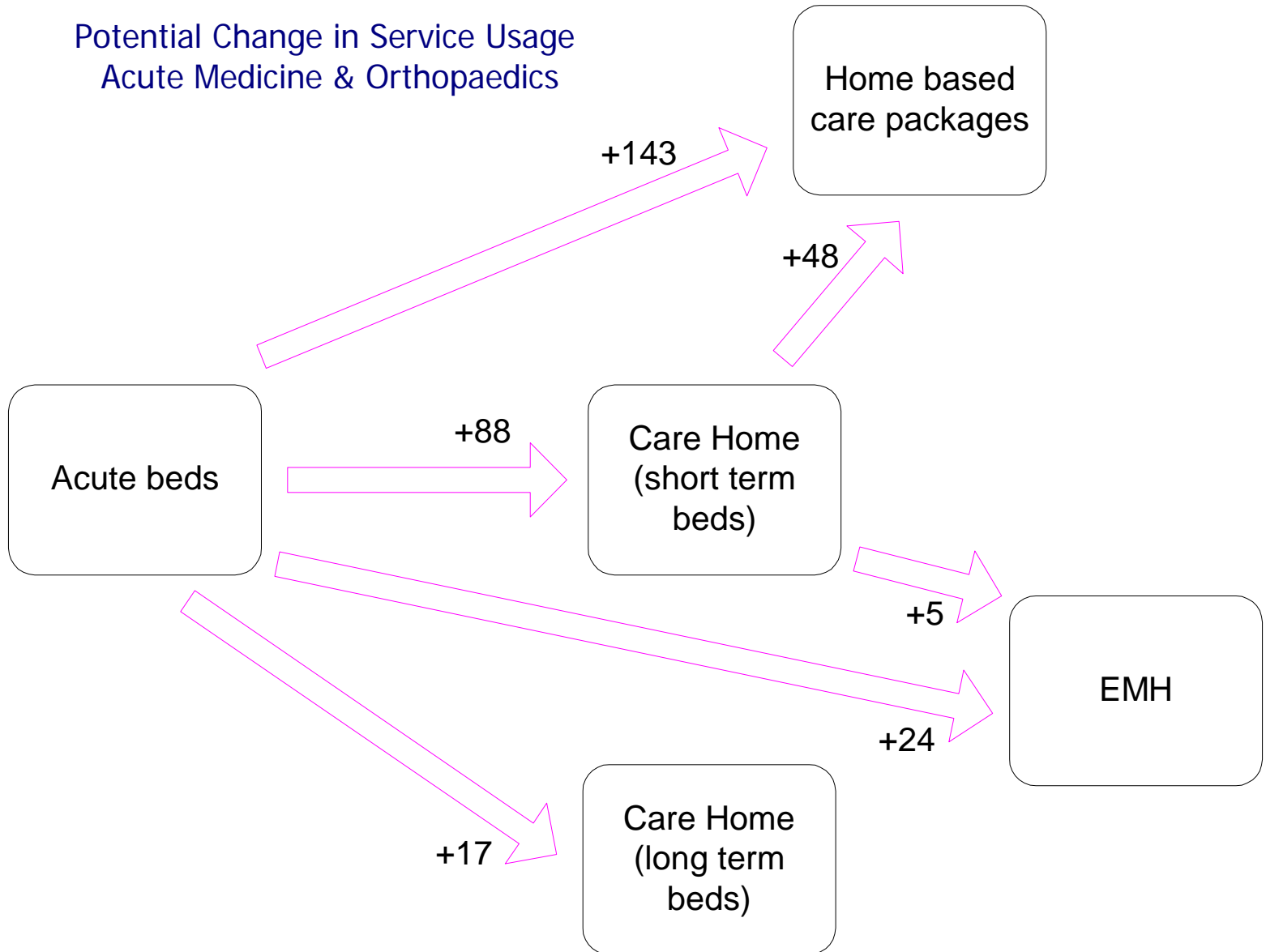
Acute Medicine - Alternatives for Patients outside AEP on the Day (N = 364)



Acute Medicine - Alternatives for Patients not 'Discharged Quickly' (N = 229)



Potential Change in Service Usage
Acute Medicine & Orthopaedics



Some implications

- Change to the clinical process is needed if service development to deliver benefits
- AEP values characterise the nature of the UK hospital service, and potential to develop – can we model this?
- Is there an analogous approach that would allow us to model alternatives for long term conditions?