Acute Care At Home Service (ACAH) Southern HSC Trust

Soo Hun

HSCB Northern Ireland

The Approach for ACAH

- Consultant-led community service for acute, non-critical care in community setting - operational from 22/09/14.
- Older patients in own home/Nursing/Residential Home
- 2 hours from referral to assessment (target met in 95% of referrals)
- Comprehensive Geriatric Assessment and Rapid Access to Diagnostics and Labs = an inpatient ward
- Average LOS 4-5days
- Daily MDT meeting with relevant members of the team
- Strong Interfaces with existing Community services for handover of care

Criteria

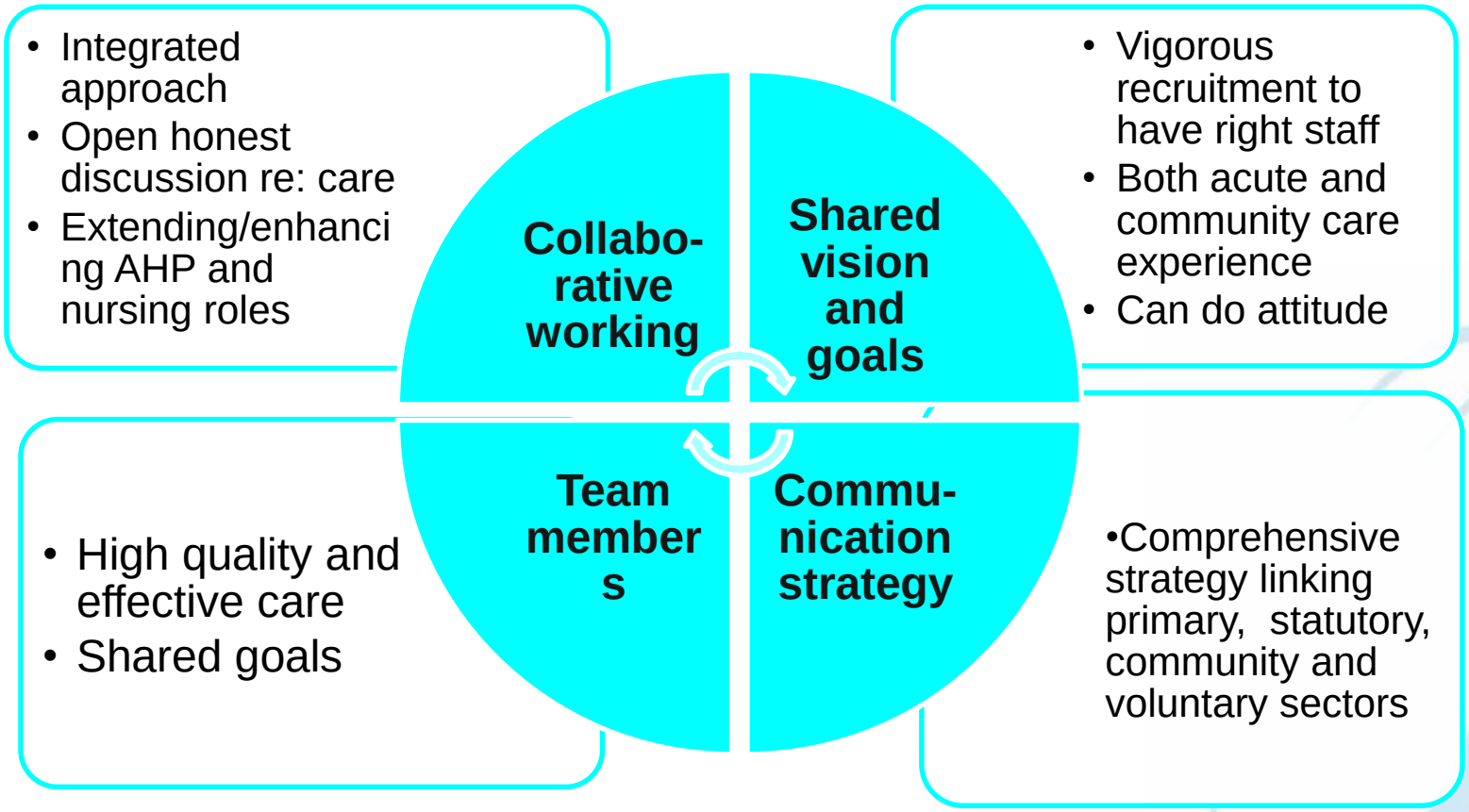
Inclusion

- Over 65 years (Under 65 considered on individual basis if hospital admission would be detrimental)
- Any patient not deemed critically unwell
- Patients must have been assessed as requiring acute care i.e. deemed to be at the point of hospital admission.
- Can be managed safely in a community setting

Exclusion

- Requires resuscitation
- Chest Pain
- Acute Surgical or Orthopaedic Crisis
- Stroke
- Haemostasis / GI Bleeding
- Mental Health – picked up through Home Treatment Crisis response

Innovation in Care



Phased Approach to Implementation

Phase 1
22nd Sept '14

- 17 GP practices (pop 99,000, >65 pop 13,500)
- Nursing Home (36 Homes, 1500 beds)

Phase 1(b)
1st May '15

- 21 GP practices

Phase 2
10th May '16

- 42 GP practices (240,000, 37,500 over 65 years)

Phase 3 (a) – Mar - Apr '17

- 52 GP practices, pop o+40,000 > 65 +5,400 (3/4/17)
- +5 more Nursing homes in Total of 230 beds.(13/3/17)

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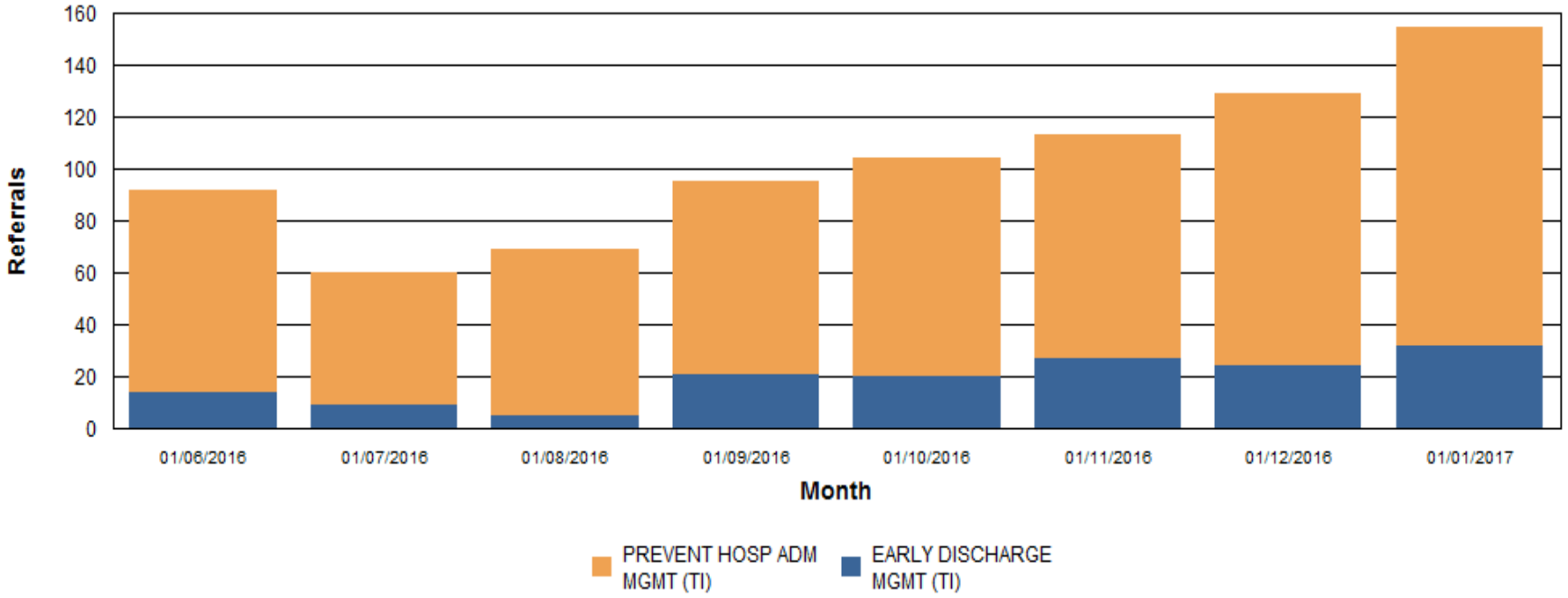
Prevention of Admission vs Facilitation of Discharge



	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Total
EARLY DISCHARGE MGMT (TI)	14	9	5	21	20	27	24	32	152
PREVENT HOSP ADM MGMT (TI)	78	51	64	74	84	86	105	123	665
Total	92	60	69	95	104	113	129	155	817

Discharge Outcomes

Discharge outcomes from 1st July 2016 to 31st January 2017	Number of Patients	% of total number discharged
Total Number of discharges	547	100%
No change to existing care requirements	**425**	**79%**
New or Increase to existing package of care	23	4%
Required new placement to NH/RH	5	1%
Required admission to hospital	74	13%
Deceased	19	3%

Impact on Nursing Home bed days

Period	Total bed days per year	Indicative cost
Oct 13 - Sept 14	10369 (baseline)	£3,836,530
Oct 14 - Sept 15 **ACAH service started end of Sept 14**	9158 > 10% reduction of bed days from baseline	£3,388,460 Saving of £448,070
Oct 15 - Sept 16	7705 > 20% reduction of bed days from baseline	£2,850,850 Saving of £985,680

Potential impact on Acute Bed Days

- Year 2 - 671 referrals accepted
- Per patient (based on ICD10 audit) = 671 x 6.8 days; 4563 potential bed days saved in year

Outcome of Audits

- Health & Social Care Board (Commissioner) completed complex discharge audit in July 2016

Outcome of audit:

ACAH service managing **very complex caseload** with acute needs, equivalent to an acute hospital ward

- ICD10 coding audit of 250 ACAH patients in April 2016

Outcome of audit:

Patients under ACAH service with same clinical coding have shorter LoS than in Acute Hospital **- 5.7 days vs 6.8 days**

Service User Feedback

"The Acute Care at Home service has been the best service development in years" Carer's Forum representative

"Very Rapid Response, within a matter of hours, we were very impressed and felt well supported" Patient's daughter

"To be treated in her own environment saved my sister's mind from all the mental turmoil of being moved to hospital" Patient's Sister

"We found the staff always extremely helpful, they were very attentive to each of the patients the cared for in the Home" NH Manager

"Excellent service, reassuring for GPs to be able to discuss cases with Consultants" GP

Future plans

- Further integration of service to embed into practice.
- Roll out all service users in Trust area (Early 2018).
- Future planning for staff education linking with Universities and Clinical Education centre.
- R&D:

- Involved in Multicentre RCT with Oxford University
- Comprehensive evaluation report
- Quantitative and qualitative study into patient experiences of ACAH model

THANK YOU

soo.hun@hscni.net

acutecare.home@southerntrust.hscni.net