Data into action – Using informatics systems to improve health of people with learning disabilities

Daniel Marsden – Practice Development Nurse – people with learning disabilities
Context & Influences

• Identifying & tracking

• Complaint & early use of data indicating repeated admissions.

• Improving Health and Lives event 2012
‘Data into Action’ – 2 work streams

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<td>– New pathways of care</td>
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<td>– Collaborative working</td>
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Reporting & Influencing

Bar Chart showing use of clinical Pathways through EKHUFT using the proportional model 2012/13

Bar Chart showing readmission rate for people with learning disabilities using proportional model 2012/13
Informatics Developments

- Flagging on Patient Administration system (PAS)
- QlikView – Real time tracking
- Careflow Connect – admission alerts & cloud based notes
Learning Disability Repeated Admission Pathway

Rationale – In East Kent compared to the general population, people with learning disabilities are 5 times as likely to be admitted via A&E, and 4 times as likely to experience readmission. For full details see www.ekhuft.nhs.uk/ldra

Pathway
- Alert of the repeated admission reaches the Ward.
- Anyone with learning disabilities who has been admitted more than 3 times or has been to A&E more than 4 times in the last 12 months will be referred to the Learning Disability Link Nurses.
- It may be beneficial to make phone contact with the Learning Disability Link Nurses
  - William Harvey Hospital - Steven Taylor tel 03000 410501
  - Kent & Canterbury Hospital - Cliff Elsdon tel 0778965187
  - QEQM Hospitals Margate - Penny Clarke 01304 828555
- Ward staff will share a copy of the easy to read letter with the patient and carer.
- Ward staff can make a referral in two ways
  - Using the form on the EDN system. For instructions click here.
  - Using a paper referral using the form kept here.
- Community Learning Disability Team will make contact with the patient in the most appropriate environment.

• Partnership between KCHFT & EKHFUFT

• Used PDSA cycles to refine & improve over 4 years.
Outcomes - Case studies

- One man experienced significant bowel pain and diarrhoea.
- 12 visits to A&E and 8 admissions.
- Coordinated planning meeting with CLDN & Community Matron

- One man visited A&E 50 times in the last year ~ £10,000
- Collaborative intervention = 24 weeks without visits.
Outcomes – Case studies

- Individual with urology issues – repeated admissions for washouts via A&E.
- Community Learning Disability Nurse input has most washouts in the community.
Data reporting since introduction of Repeated admission pathway

How people with learning disabilities used EKHUFT services compared to the general population in 2013/14 (Marsden & Bailey, 2014)

How People with learning disabilities used EKHUFT services compared to the general population in 2015/16 (Marsden & Bailey, 2018)
What’s next?

- Processing mapping the pathway.
- Evaluation of repeated admissions
- Bids for research funding
If you need further support

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References
