Digitising Patient Centred Evidence Based Pathways

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Introduction to GDE at Alder Hey

GDE Work streams

1. HIMSS Level 7 EPR
2. Interoperability and APIs
3. Paediatric Clinical Portal evolved into Share2Care
4. Patient Portal
5. Patient Experience – AlderPlay app – Android and iphone
6. Specialty Package deployment
The EPR Tool Set

- Standard Documentation
- Clinical Diagnostic Coding - IMO
- Enhanced Electronic Prescribing
- Speciality Packages

VR
E-consent
Vital Signs Ix
CIP

Meditech 6

PACS

Doc Mx

Patient Portal
Alder Play
Clinical Portal
Share2Care
Speciality vs Generic Development

• Standardised Measurable Care
• Patient and Team Centred Care
• Adoption of new systems
• Document Philosophy
• Disease Specific Pathways
Choosing the Right Approach

- **Standard Documents**
  - Quicker to produce
  - Less maintenance
  - Fewer training implications

- **Bespoke Documents**
  - More auditable

- **Digitised Clinical Pathway**
  - Development process may produce benefits
  - “Live” information on outcome measures, performance indicators
Gateway One - Develop Supporting Documentation for Clinical Pathway:

- Why has this pathway been developed?
- How will we measure its effectiveness?
- How do we make our decisions accountable?
Gateway Two - Digitisation

- Automated data capture
- Develop digital tools to support implementation of pathway recommendations

5 Capture Key Data

6 Prompt Good Practice
Gateway Two – Example Outputs

5

Capture Key Data

Enter/Edit Patient Problems

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<th>Active Problem</th>
<th>Category</th>
<th>Status</th>
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<th>Prim Prob</th>
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Robust Digital Coding
Gateway Two – Example Outputs

Prompt Good Practice
Gateway Three – Driving Quality Improvement

- Automated reporting
- Developing the Clinical Intelligence Portal

7 Identify Reporting Requirements
8 Develop live reporting tool for key clinical outcomes and metrics
Summary

• EPR systems as a tool to support clinical effectiveness and quality.
• Pathway approach focusing on Outcomes and Patient Experience.
Questions?
Screen shots of CIP

• Clinical coding – hook for clinicians
• Overview shots of CIP
• Sepsis screen
• Slide of JIA pathway outcomes