Integrated Primary and Acute Care Systems: New Opportunities for Different Solutions

Jonathan Kelly - MSK Physiotherapy Lead Clinician
Northumbria Healthcare NHSFT

David Hedgcock - Group Manager
Northumbria Primary Care
Today

- Brief overview of Northumberland Vanguard
- Northumbria Primary Care
- Testing a new model of care – MSK Practitioner
- Reflection
OUR HOSPITAL SITES...

1. HEXHAM GENERAL HOSPITAL
   Corbridge Road, Hexham, NE46 1JQ

2. NORTH TYNESIDE GENERAL HOSPITAL
   Rake Lane, North Shields, NE29 8NH

3. WANSBECK GENERAL HOSPITAL
   Woodhorn Lane, Ashington, NE63 9JU

4. THE NORTHUMBRIA
   Northumbria Way, Cramlington, NE23 6NZ

5. ALNWICK INFIRMARY
   South Road, Alnwick, NE66 2NS

6. BERWICK INFIRMARY
   Infirmary Square, Berwick-upon-Tweed, TD15 1LT

7. BLYTH COMMUNITY HOSPITAL
   Thorton Street, Blyth, NE24 1DX

8. HALTWISTLE WAR MEMORIAL HOSPITAL
   Westgate, Haltwhistle, NE49 9AJ

9. MORPETH NHS CENTRE
   The Mount, Morpeth, NE61 1JX

10. ROTHBURY COTTAGE HOSPITAL
    Whitton Bank Road, Rothbury, NE63 7RW

11. SIR GB HUNTER MEMORIAL HOSPITAL
    The Green, Wallsend, NE28 7PB

www.northumbria.nhs.uk
1. Opening of Northumbria Specialist Emergency Care Hospital

2. Deliver Primary Care at scale – Access 8am-8pm, 7 days per week

3. Integrated care for patients with complex healthcare needs
What does this mean for AHPs?
2015

- **June**
  - Vanguard approval Trust announcement
  - Q: How can AHPs engage?
  - Met the Medical Director CSBU

- **July**
  - Met Northumbria Primary Care
  - GP recruitment
  - Clinical Pharmacists
  - MSK Practitioner

- **September**

- **October**

- **January 2016**
Northumbria Primary Care

- Wholly owned subsidiary of Northumbria Healthcare NHSFT.
- Not for profit organisation
- Entirely salaried model of Primary Care at scale
- Sustainable alternative clinical workforce
- Improved Access, Experience and Efficiency

www.northumbria.nhs.uk
Case Study: Testing the efficacy of the Musculoskeletal Practitioner (MSKP) Role in Primary Care
MSK Practitioner

- Not new….they already exist
- Value: Highly skilled clinicians able to independently diagnose, investigate and treat a range of musculoskeletal conditions.
- Training: Expert clinical skills, joint injection, imaging interpretation and independent prescribing

www.northumbria.nhs.uk
Northumberland MSK / Ortho Pathways

Spend = £26,500,000
Questions to be answered

- Does it improve patient access?
- Does it improve outcomes?
- Right clinician, first time – fewer handoffs?
- Does it reduce demand in other parts of the healthcare system?
- Does it reduce overall costs?
- Is it a sustainable model?
Progress 2015

June
- Vanguard approval
- Trust announcement
- Q: How can we AHPs engage?

July
- Met Northumbria Primary Care
- GP recruitment
- Clinical Pharmacists
- MSK Practitioner

September
- Windermere: Met with MSKP Amanda Hensman-Crook & GPs
- Met with Pharmacy Dept – role of Clinical Pharmacists

October
- NPC Board approval
- Service Level Agreement

January 2016
- Project start
- 6 month evaluation
<table>
<thead>
<tr>
<th>Time</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>MSKP</th>
<th>MSKP</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>08:30</td>
<td>08:30</td>
<td>08:30</td>
<td>08:30</td>
<td>08:30</td>
</tr>
<tr>
<td>08:50</td>
<td>08:50</td>
<td>08:50</td>
<td>08:50</td>
<td>08:50</td>
<td>08:50</td>
</tr>
<tr>
<td>09:10</td>
<td>09:10</td>
<td>09:10</td>
<td>09:10</td>
<td>09:10</td>
<td>09:10</td>
</tr>
<tr>
<td>09:30</td>
<td>09:30</td>
<td></td>
<td>09:30</td>
<td>09:30</td>
<td>09:30</td>
</tr>
<tr>
<td>09:50</td>
<td>09:50</td>
<td>09:50</td>
<td>09:50</td>
<td>09:50</td>
<td>09:50</td>
</tr>
<tr>
<td>10:10</td>
<td>10:10</td>
<td></td>
<td>10:10</td>
<td>10:10</td>
<td>10:10</td>
</tr>
<tr>
<td>10:30</td>
<td>10:30</td>
<td></td>
<td>10:30</td>
<td>10:30</td>
<td>10:30</td>
</tr>
<tr>
<td>10:50</td>
<td>10:50</td>
<td></td>
<td>10:50</td>
<td>10:50</td>
<td>10:50</td>
</tr>
<tr>
<td>11:10</td>
<td>11:10</td>
<td></td>
<td>11:10</td>
<td>11:10</td>
<td>11:10</td>
</tr>
<tr>
<td>11:30</td>
<td>11:30</td>
<td></td>
<td>11:30</td>
<td>11:30</td>
<td>11:30</td>
</tr>
<tr>
<td>Admin</td>
<td>40m</td>
<td></td>
<td>Admin</td>
<td>40m</td>
<td>40m</td>
</tr>
</tbody>
</table>

**Delivery**

- **20 hours**
- **Band 8a**
- **£31,815 (0.53)**
- **Appointments per week = 50**
- **Appointments per annum = 2,200 (44 weeks)**
- **Cost per MSKP appointment: £14.46**
- **Cost per GP appt: £16.40**

www.northumbria.nhs.uk
Evaluation

- Access time to appropriate primary care clinician
- Patient satisfaction measures
- Capacity utilisation – uptake and acceptance
- Non-essential MSK A&E attendances at NSECH
- Referrals per 1,000 to secondary care (Ortho, Rheum)
- No of minor surgery procedures, e.g. joint injection
- Prescribing budget implications
Workforce Challenges

**Skills**
- experience
- specialist development
- skills acquisition & competence
- timescale

**Scale**
- Optimum ratio MSKP: list size?
- Pilot: Testing 19 hrs for 5,500 patients
- NCCG Population 321,160
- Scaled up = 1100 hrs or 30 WTE
Lessons learned…

- Very early days with Vanguard development
- Limited AHP representation so far
- It does not replace existing innovation and testing models of care
- Demonstrate service value to users and commissioners
- Build relationships and collaborate
- Ask to get involved…..and ask again!