West Midlands Academic Health Science Network

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July 25th 2013
West Midlands AHSN - background

- 5.6m diverse population
- Inequality in health outcomes and healthcare delivery
- Academic & clinical excellence, established regional networks and collaborations
- Industrial heritage that will drive wealth creation
WM AHSN aims

**Transform** the identification, adoption and spread of innovation and best practice

**Align** healthcare delivery, teaching, research, education and training

**Drive wealth creation**
Regional industry portal, NHS access, evaluation, adoption

**Outcome driven** through digital platforms
### AHSN engagement & alignment across the West Midlands

<table>
<thead>
<tr>
<th>Stakeholders</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population - patients</td>
<td>5.6m</td>
</tr>
<tr>
<td>Acute Trusts</td>
<td>19</td>
</tr>
<tr>
<td>Mental Health</td>
<td>6</td>
</tr>
<tr>
<td>Community Trusts</td>
<td>4</td>
</tr>
<tr>
<td>Ambulance Trusts</td>
<td>1</td>
</tr>
<tr>
<td>Number of GP practices</td>
<td>975</td>
</tr>
<tr>
<td>Number of Dental Practices</td>
<td>700</td>
</tr>
<tr>
<td>Number of CCGs</td>
<td>22</td>
</tr>
<tr>
<td>Health and Wellbeing Boards</td>
<td>15</td>
</tr>
<tr>
<td>Local Authorities</td>
<td>15</td>
</tr>
<tr>
<td>Clinical Senate</td>
<td>1</td>
</tr>
<tr>
<td>CLRN</td>
<td>3</td>
</tr>
<tr>
<td>CLAHRC</td>
<td>1</td>
</tr>
<tr>
<td>LETB/ LETC</td>
<td>1/6</td>
</tr>
<tr>
<td>Universities/ Medical Schools</td>
<td>9/3</td>
</tr>
</tbody>
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**Map of West Midlands**

- PCT Offices
- Community Services
- Acute and Specialist Trusts
- Clinical Commissioning Groups
- Mental Health Trusts
- Ambulance Service NHS Trust Sites
- NHS Midlands and East Office
Innovative strategy & vision – six cross-cutting themes

- A novel and comprehensive digital framework
- Regional clinical trials platforms
- Innovation, evaluation and rapid adoption
- Patient-centric integrated care pathways
- Education & training
- Wealth creation
Digital vision: Use of advanced technologies to improve healthcare and accelerate innovation

- Healthcare is the slowest adopter of digital technology [after Shipping].
- Big Data is coming – West Mids population 5.6m.
- West Midlands can build on a comprehensive platform – e-prescribing, NHS local, Youthspace, IDH, My Health etc.
- It is the disruptive technology that will assist all the themes of the AHSN.
- WM AHSN will provide a link with industry to support adoption at scale eg Bosch, Novartis, GE, Medilink.
Regional Clinical Trials platforms

- WM population.
- Building on areas of strength Wellcome CRF
- Alignment with CLRNs
- Support acceleration by bureaucracy busting
- Efficiency & cost effectiveness e.g. expansion of mutual recognition alliance
Innovation, evaluation and rapid adoption

- Build on existing infrastructure, HIEC, CLAHRC, WMG etc
- Accelerating the adoption of good practice, inc. adoption of NICE guidelines
- Understand the barriers to adoption
- Digital driven support and monitoring
- National initiatives – trauma HTC, TRP
Patient-centric integrated care pathways

- Building on success – Keele University
- Bridging primary, secondary & social care
- Align primary care networks, communicate evidence based innovation to promote and drive integrated care pathways
- Focus on disease priorities, education requirements
Education & Training

- Education to grow – UHB Learning Hub
- Delivering tomorrow’s health care workforce in partnership with LETB and other partners
- Underpinning speed of adoption
- Leadership in innovation – commercialisation
Wealth creation – proactive support for regional medical technology/engineering

- Regional two way industry portal
- Partnership with Medilink
- Accelerated via partnership eg BHP - Institute of Translational Medicine
Initial collaborative “disease” focussed topics

Mental health
  • in the young (‘Youthspace’)
  • Dementia (carers, community management)

Chronic disease
  • diabetes & obesity
  • musculoskeletal disease

Drug safety
  • from hospital to primary care
  • abolishing prescribing errors across the region
Organisations involved in AHSN development - to date

- University Hospitals Coventry and Warwickshire NHS Trust
- University Hospitals Birmingham NHS Foundation Trust
- University of Birmingham
- Keele University
- Birmingham and Solihull Mental Health Foundation Trust
- University Hospital North Staffordshire NHS Foundation Trust
- University of Warwick
- Heart of England NHS Foundation Trust
- West Midlands South CLRN
- Medilink West Midlands
Organisation and governance

MEMBERS
Ownership and overall responsibility for the AHSN

BOARD
Leadership, Strategy & Assurance, Independent Chair

STAKEHOLDERS & PARTNERS
Sector cohesion via stakeholder reference groups

EXECUTIVE
Responsibility for the execution and delivery of the strategy

WEST MIDLANDS
Academic Health Science Network
Proposed AHSN board – from September 2013

- Chair
- MD
- COO
- Spoke chairs x 3 and hub chair x 1
- HEIs x 3
- MH / community trust CEO
- Commercial representative
- LETB (non voting)
- CRN (non voting)
Opportunity

• AHSNs can be something different

• Opportunity to collaborate in a way we haven’t before in healthcare

• Challenge the status quo

• Develop radically different models of service delivery

• Change healthcare in the region and improve outcomes for the future
Current position

• Designated without condition on 13th May 2013 (7 of the 15 had conditions)
• £4.63 million funding for 2013/14 – given in two parts (£3.2m in July and £1.43 later)
• Discussions regarding on further funding on-going
• Meetings with NHS England and the AHSNs planned for early July to discuss the licence and development requirements
• A number of WM AHSN key stakeholder meetings will be held over the next few months
Short term plan – enabling themes

- **Digital** – continue scoping exercise, ‘digital first’ across priority disease areas
- **Integrated care pathways** – align primary care networks, communicate evidence based innovation
- **Clinical trials** – stakeholder meetings re participation, establish KPI’s, governance and alignment with CLRN
- **Adoption & dissemination** – standard approach to NICE TA adoption, CLAHRC II
- **Education** – patient materials, LETB partnership to respond to Francis
- **Wealth creation** – launch AHSN Industry portal, engage stakeholders (GE, Bosch and regional SMEs), agree delivery plan
Our hope 5 years on…

• To have an integrated & innovative health network – not just in words
• To be the first UK regional digital healthcare economy
• To be the known place for industry for NHS access, evaluation and adoption
• To be significantly on the road to reversing health inequality and to have significantly improved outcomes for the region
Questions?

- **Queries and notifications** - email info@wmahsn
- **Further information, news and events** - website www.wmahsn.org
- **Latest news and connecting with others with common interests** - follow us on Twitter @wmahsn