‘Through our partnership with Oxford AHSN we now have greater opportunities to learn from best practice. Our staff can adopt innovations more quickly and our patient care is improving as a result.’

Neil Dardis, Chief Executive, Buckinghamshire Healthcare NHS Trust

‘Something very special is going on here in Oxford in this AHSN.’

Life Sciences Minister George Freeman MP

‘Our success was greatly assisted by our relationship with the Oxford AHSN.’

William Finch, Oncascan

‘The conference was very timely and I have had offers of collaborations and business advice already.’

Prof Sarah Blagden, University of Oxford, on Oxford AHSN Alumni Summit

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Sign up to the Oxford AHSN monthly newsletter here: http://j.mp/OxfordAHSNnews
Further information: www.OxfordAHSN.org  e: martin.leaver@oxfordahsn.org
Highlights during 2015/16 include:

- **happier people** – our recovery rates from anxiety and depression (58%) are among the best in the country, enabling hundreds more people to resume their lives
- **healthier pre-term babies** – lives are being saved as more premature babies are born in units with full intensive care back-up
- **safer hospital discharges** – 20% fewer patients readmitted with medication issues
- **reduced risk of deep vein thrombosis** – more stroke patients are receiving specially developed sleeves
- **improved dementia diagnosis and care** – six memory clinics achieved a national benchmark as best practice spread across the region
- **energy savings** of £8.7m a year – NHS trusts and universities are working together to reduce their carbon footprint
- **strengthened clinical connections** – active involvement in our networks of 2,500+ clinicians.

The joint work of patients, staff from the NHS, universities and industry has focused on improving skills, including in leadership, entrepreneurship, quality improvement and adoption of innovation. A focus on physical activity has also helped to improve the wellbeing of both patients and staff.

Our region is home to world-leading science and the Oxford AHSN’s commercial team has fostered links with industry, working with 320 businesses and establishing 21 formal collaborations and strategic partnerships. Extending data sharing across the region has led to improved connectivity in maternity and imaging.

The influence and effectiveness of the network is growing as more and more people identify and share collaborative opportunities that will allow us all to thrive in these challenging times.

We hope that you find the following information interesting and relevant to your work to improve patient outcomes. If you’re not already involved, we hope you soon will be in the 150+ active collaborations that are delivering sustainable change, meeting local needs and bringing real benefits to patients.
What is the Oxford AHSN?

Oxford Academic Health Science Network is a partnership of NHS providers, commissioners, universities and life science companies to improve health and prosperity in Bedfordshire, Berkshire, Buckinghamshire, Milton Keynes and Oxfordshire. Success comes from collaborative working by the partners and stakeholders across the region.

Our 7 programmes and themes facilitate shared work across all partners:

- Best Care Clinical Networks
- Clinical Innovation Adoption
- Research & Development
- Wealth Creation
- Patient and Public Involvement, Engagement and Experience
- Informatics
- Patient Safety

MILLION PEOPLE

11 NHS TRUSTS

750+

HEALTHCARE AND LIFE SCIENCE ORGANISATIONS

65,000 NHS STAFF
Benefits of collaboration across the whole system:

• Leverage clinical and management best practice and expertise to improve patient outcomes
• Share clinical evidence and benchmarking
• Scale clinical innovation adoption
• Learn from each other – clinical standards, models of care, commercial models
• Enable sharing of operational, patient and research data to improve outcomes
• Share evaluation knowledge
• Share clinical and management resources
• Improve region’s attractiveness for commercial research
• Make the region more attractive for inward investment and product development
• Make the region healthier
The year in numbers

- 2,000+ more people helped to recover from mental illness
- 8,500 patients getting better dementia care
- £9m extra regional funding secured
- 150+ active collaborative projects
- 4 lives of four pre-term babies saved by being born in specialist unit
DELEGATES ATTEND FIRST INTERNATIONAL LIFE SCIENCE ALUMNI SUMMIT

SIGN UP TO OUR "GET PHYSICAL" CHALLENGE

200+

PATIENT REPRESENTATIVES ENGAGED IN PROJECTS

80

DELEGATES ATTEND FIRST INTERNATIONAL LIFE SCIENCE ALUMNI SUMMIT

Precision Medicine

CATAPULT

PRECISION MEDICINE CATAPULT CENTRE OF EXCELLENCE ACCREDITED
Stepping up to physical challenge

More than 150 people took part in Tai Chi and Bollywood dancing at our Get Physical event which explored harnessing physical activity to improve patient and staff health and wellbeing.

Bringing innovators together

New connections were made with and between Oxford AHSN partners at a number of events including our innovation poster showcase at the BioTrinity life sciences conference in London.

Rewarding innovation

Oxford AHSN Chief Operating Officer Dr Paul Durrans, left, presented the second annual Oxford AHSN Public-Private Collaboration award to Keith Errey of Isansys for their work developing cost-effective vital signs monitoring technology.

Forming partnerships with industry leaders

Oxford AHSN Chief Executive Prof Gary Ford, left, and Mark Hicken, MD of Janssen UK and Ireland, part of Johnson & Johnson, led the creation of a strategic partnership with collaborations over a number of key projects.

‘Something special’

George Freeman MP, the Life Sciences Minister, spoke of ‘something special happening’ in the Oxford AHSN region when he took part in our Alumni Summit in July.

‘Stepping up to physical challenge’

More than 150 people took part in Tai Chi and Bollywood dancing at our Get Physical event which explored harnessing physical activity to improve patient and staff health and wellbeing.
Helping kids understand flu

Our judges had a tough job selecting the winners from over 100 entries in our flu poster competition... but this one by Owen Lock aged 6 was the worthy winner.

Developing frontline NHS innovators

30 clinicians were given practical help to develop their innovations on the NHS frontline in a new in-depth course run by the Oxford AHSN with Health Education England and Bucks New University.

Using the evidence

Pharmacist Kate Masters, right, is one of 13 Oxford AHSN Fellows drawn from all parts of the NHS working towards a Masters in Evidence Based Healthcare through Oxford University.

Listening to views

Patients and public played an important role in shaping our priorities, for example working with our ten clinical networks and Clinical Innovation Adoption programme.

Helping kids understand flu

Our judges had a tough job selecting the winners from over 100 entries in our flu poster competition... but this one by Owen Lock aged 6 was the worthy winner.

Leading together

120 patients and clinicians are working together on leadership training – resulting in 60 projects influencing the shape of future health services.

Supporting patient leaders

Two of our patient leaders Carol Munt and Mark Stone were recognised in the HSJ Top 50 Patient Leaders - we will miss Mark who sadly died early in 2016.
Helping to deliver better patient care

- **10** Clinical Networks
- **2,500** Clinical Clinicians Engaged in Networks
- **30** Patient Safety Priorities
- **13** Fellows in Evidence Based Healthcare
- **7** Clinical Leaders Join National Q Patient Safety Programme
- **60** Clinical Clinicians Trained by Patient Safety Academy
<table>
<thead>
<tr>
<th>Patient safety priorities</th>
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<td>1. Acute kidney injury</td>
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<td>2. Sepsis</td>
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<td>3. Maternity – reduce never events</td>
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<td>4. Improving returns to psychiatric wards</td>
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<td>5. Pressure damage</td>
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<td>6. Asthma management in emergency departments</td>
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<td>7. Mental health – improve serious incident reporting</td>
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<tr>
<td>8. Improve antibiotic prescribing for children</td>
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<td>9. Better dementia care in care homes</td>
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<td>10. Improving scanning for lung cancer</td>
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<td>11. Fragility fractures</td>
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<td>12. Improve training for diagnostic radiologists</td>
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<td>13. Improving prostate scanning</td>
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<tr>
<td>14. Catheter acquired UTI</td>
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<td>15. Falsified medicines</td>
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<td>16. Improve flu immunisation uptake</td>
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<td>17. Reducing still births</td>
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<td>18. Intermittent pneumatic compression</td>
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<td>19. Improve variation reduction in outcomes for children</td>
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<td>20. Biosimilars Reducing the cost of medicines</td>
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<td>21. Maternity – improve guidelines for safer care</td>
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<td>22. Gestational diabetes monitoring</td>
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<td>23. Atrial fibrillation and anticoagulation</td>
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<td>24. Alcohol dependency</td>
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<td>25. Maternity – pre term babies born in Level 3 units</td>
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<td>26. Enhanced medication use reviews in the community</td>
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<td>27. Information governance agreements</td>
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<td>28. Better medication reviews</td>
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<td>29. Falls prevention and care bundles</td>
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<td>30. NHS Improving Quality training programme</td>
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For more on our patient safety priorities email info@oxfordahsn.org
Spreading clinical innovation

15
ALL NHS TRUSTS IN OUR REGION IMPLEMENTING CLINICAL INNOVATION

30
PREMATURE DEATHS PREVENTED BY STROKE SLEEVES

1
TOOLKIT TO REDUCE RISK OF INFECTION CAUSED BY CATHETERS UNDER DEVELOPMENT

30
CLINICAL INNOVATORS GET PRACTICAL HELP

6,000
PREGNANT WOMEN COULD BENEFIT FROM REMOTE MONITORING OF GESTATIONAL DIABETES

1
INFORMATION GOVERNANCE FRAMEWORK
Supporting economic growth

1. Healthy New Town for Bicester
2. Innovation Hubs under development in Bucks and Oxfordshire
3. 4 Local Enterprise Partnerships across our region
4. 320 Companies engaged
21 Formal Collaborations with Industry
30 NHS Entrepreneurs complete training course
Looking ahead

- **JOINED UP NETWORKS**
  - SHARING HIGH QUALITY DATA IN IMAGING AND MATERNITY
  - PROJECTS FOR BETTER PATIENT OUTCOMES THROUGH INNOVATION AND IMPROVEMENT

- **INCREASE IN IDENTIFICATION OF PREGNANCIES AT RISK OF STILL BIRTH**
  - WORK TOWARDS ELIMINATING PRESSURE ULCER PATIENT HARM

- **£8.7m**
  - SAVING PER YEAR IN REDUCED CARBON FOOTPRINT
  - NHS STAFF COMPLETE TAILORED COURSES TOWARDS IMPROVED PATIENT CARE

- **150+**
  - NHS STAFF COMPLETE TAILORED COURSES TOWARDS IMPROVED PATIENT CARE

- **200+**
  - NHS STAFF COMPLETE TAILORED COURSES TOWARDS IMPROVED PATIENT CARE

- **50%**
  - INCREASE IN IDENTIFICATION OF PREGNANCIES AT RISK OF STILL BIRTH

- **0**
  - WORK TOWARDS ELIMINATING PRESSURE ULCER PATIENT HARM
Supporting transformation: Giving 90-year-old Muriel better care

Current
- Muriel has osteoporosis and rheumatoid arthritis, is at risk of falling and has suffered from a catheter acquired UTI on two occasions in her care home. She is frequently confused and appears depressed.
- Three hospital stays this year as a result of confusion and another with a hip fracture following a fall. Readmitted on one occasion as UTI flared up. One readmission quickly followed the second spell in hospital as UTI flared up again.
- Developed pressure ulcer during extended period in hospital following hip operation.

AHSN Innovation/Improvement
- Access to newly accredited memory clinic
- Early prescribing of memory drugs
- Better access to biosimilars to treat rheumatoid arthritis
- Improved protocols for catheterisation
- Optimise use of bladder scanner in hospital to reduce unnecessary catheterisation
- Falls strategy for region
- Fragility fracture clinic
- Improved use of intra operative fluid management
- Reduced incidence of pressure ulcers

Future
- Increased independence and activity within the care home
- Earlier diagnosis and treatment to reduce disability from arthritis
- Shorter hospital stay during first admission
- Avoidance of second hospital admission for UTI
- Avoidance of pressure ulcer and more rapid discharge after hip operation
- Increased time with family and on visits away from care home.
2015/16: The year in numbers