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Supply Chain Modernisation

Manchester Transfusion Laboratory

Managers meeting

Friday 11th December 2015

Helen Mugridge

National Operations Modernisation Lead

Key challenges

- NHSBT Blood 2020 strategy
 - Need flexibility to respond quickly to changes in volume and component specification
 - Make best use of every donation
 - Make best use of automation
 - Respond to the reduction in red cell demand
 - Maximise the use of equipment and facilities

Proposal

- Move to three manufacturing sites
 - Transfer Manufacturing from Newcastle and Sheffield to Manchester
 - Closure of Sheffield and Newcastle Manufacturing departments
 - Retain Filton and Colindale
- Investment in Manchester to support transfer of Manufacturing activity in 2017
- More evolutionary changes to upgrade the Colindale site
- Move to 24/7 working on all three sites
 - Make best use of every donation
 - Ability to make specialist components 24/7
- Retain SHUs in current locations (pending further work in East of Pennines)

What other options were considered?

- **Doing nothing** – whilst we have made strong improvements in improving productivity across Manufacturing in recent years, we face a number of challenges, which means that staying as we are is not an option
 - **Consolidating to four sites** - it would be less economic to have more sites as we would still have excess capacity
 - **Consolidating to three sites, with the third site being Sheffield** – to refurbish the Sheffield site, would cost over £2m more than at Manchester
 - **Consolidating to two sites** - current hospital need is such that we need to maintain three Manufacturing sites. Our recommendation was that it is not currently feasible to have less than three sites.
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Blood Supply Distribution Structure



Blood and Transplant

Key

Testing and Manufacturing and SHU Centres

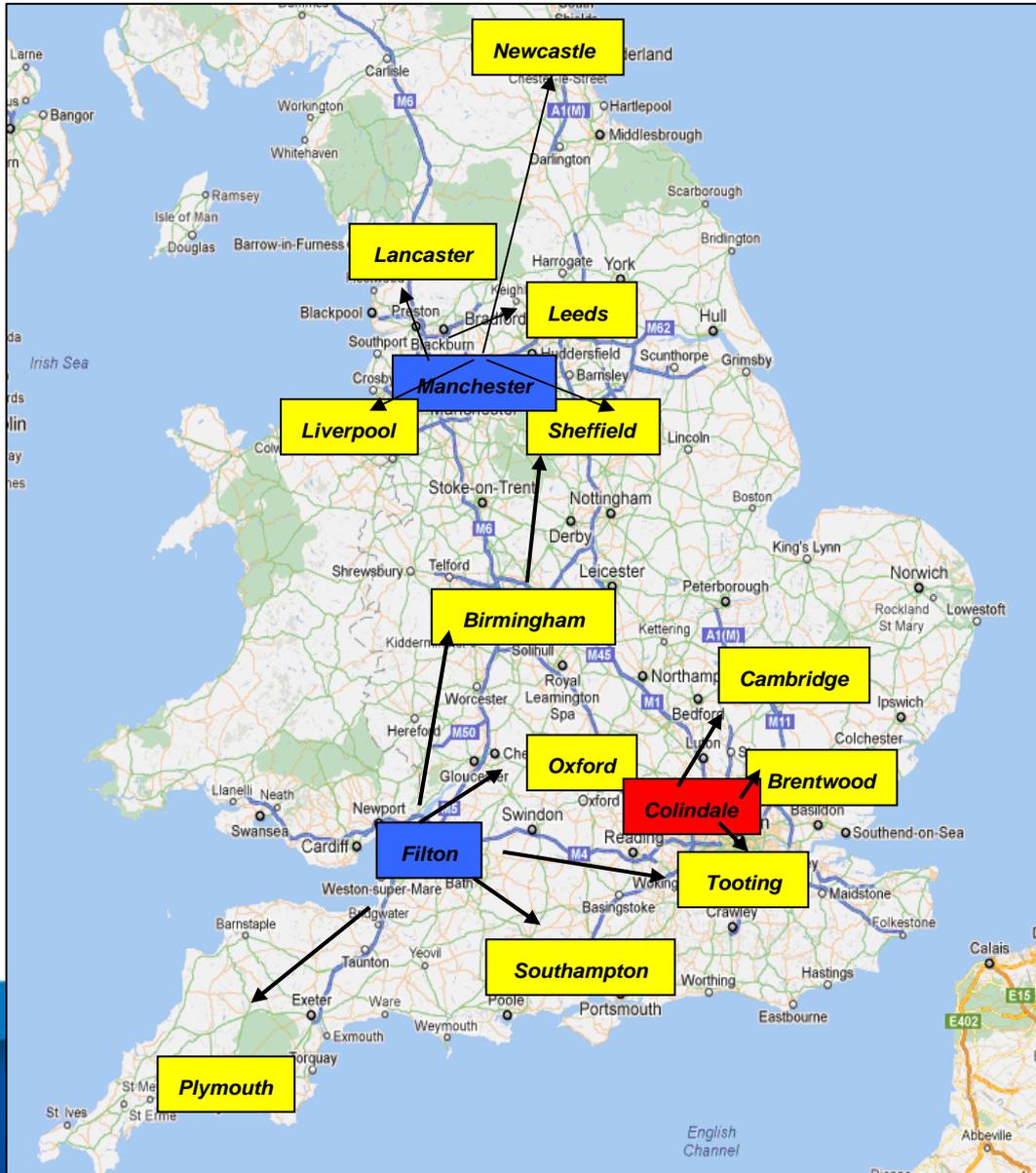
- Manchester
- Filton

Manufacturing and SHU Centres

- Colindale

Stock Holding Units (SHU)

- Lancaster
- Leeds
- Liverpool
- Newcastle
- Sheffield
- Birmingham
- Oxford
- Southampton
- Plymouth
- Tooting
- Brentwood
- Cambridge



What does this mean for Manchester?

- Considerable investment in Manufacturing and Hospital Services to develop a modern facility to manufacture and distribute products.
 - Distribution overnight to Newcastle, Sheffield and Leeds in addition to Liverpool and Lancaster.
 - 24/7 working in Manufacturing
 - Additional staff to be recruited prior to implementation during 2017
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