



Yorkshire and Humber and North East TB Control Board - Update

Issue 7, February 2018

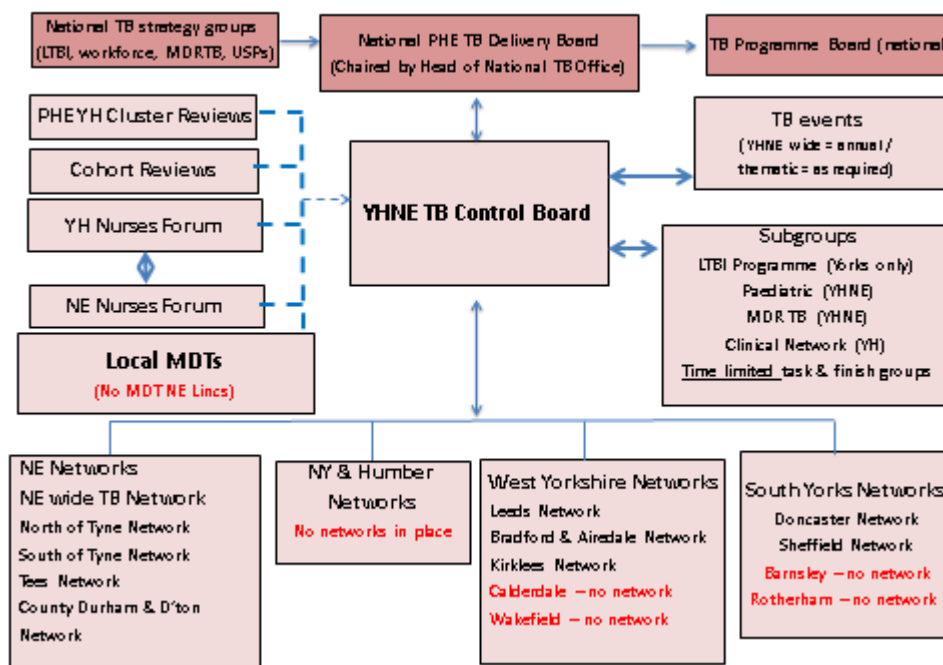
Introduction

Welcome to issue seven of the Yorkshire and Humber and North East TB Control Board (YHNE TBCB) update.

Since the last update (September 2017) we have embedded the new structure of the YHNE TBCB (figure 1 below) to ensure it can effectively support our priorities for the next 2 years whilst also making the best use of the time that stakeholders are able to contribute to the work.

Whilst the TBCB continues to be a merged group of the North East and Yorkshire and the Humber, members recognise the distinct needs of both areas, hence why the North East have their own specific multiagency network and nurse forum.

Figure 1: YHNE TBCB Structure



The subgroups (paediatrics, LTBI and MDR TB) have all been very active, as have the nurse forums and we have also developed additional areas of work as detailed below.

Subgroup updates

Paediatrics

The paediatric subgroup has been very active since the last update. Work includes:

- **Paediatric TB Network event, 18 January 2018**

Chaired by Dr Suzi Coles, PHE and attended by around 60 stakeholders, the subgroup hosted a multiagency event to look at paediatric TB in Yorkshire and Humber and the North East. The

Yorkshire and the Humber & North East Paediatric TB Network Event
Thursday 18 January 2018

12:00 – 17:00
3 CPD points

Clayton Hotel, City Walk, Sweet Street, Leeds, LS11 9AT

afternoon consisted of a number of presentations, these included Dr Fiona Shackley, Sheffield Children's Hospital, Dr Jonathan Cohen, The British Association for Paediatric Tuberculosis and Mary Cronin, PHE Field Epidemiology Service. There was plenty of opportunity for networking and discussions and the latter part of the event focussed on case studies from Leeds and Hull.

- **Regional paediatric guidelines**

The subgroup has developed a document which summarises national guidance and provides clarity on a number of contentious points. This is in draft and will be circulated to stakeholders for comments.

- **Paediatric TB mapping**

Based on national guidance, the subgroup has recently produced a useful document which details current TB paediatric provision in Yorkshire and Humber and the North East at local authority level. The work usefully identified a number of gaps in provision which are now being addressed by the group.

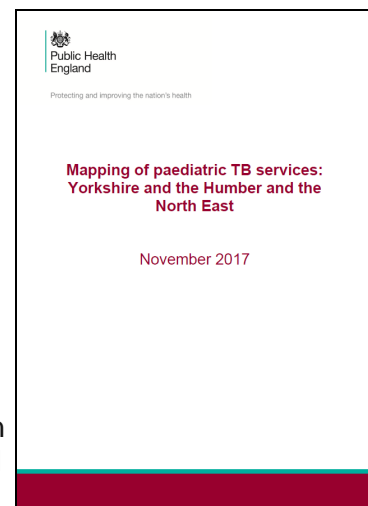
If you would like to receive a copy of the document please email Cathie.railton@phe.gov.uk

- **Factors affecting transmission of paediatric TB in Yorkshire and Humber**

Previous reports demonstrated that TB rates in children in Yorkshire and the Humber remained static between 2001-2011 with no significant decline over time, and that rates in UK-born children were higher, than the national average. As a result of this the subgroup carried out a piece of work to investigate:

- The incidence of TB in Y&H in children <15 years 2012 – 2016, including indications of local transmission (such as incidence in UK-born children)
- The factors associated with transmission to children more generally
- The root causes of transmission to children in Y&H and the consideration of a root cause analysis tool to assist this investigation

This work has now been completed and the final report will be made available in due course.



MDR TB

An event took place on 14 November, 2017 in Leeds to discuss MDR TB. The aims of the day were to:

- Share the latest epidemiology, clinical practice and developments regarding MDR TB
- Understand national and international guidance
- Work collectively to create solutions to local problems
- Discuss case studies and use them as an opportunity to learn lessons and make recommendations
- Provide an opportunity for networking

75 people attended the day, most of whom were nurses and hospital consultants from both Yorkshire and Humber and the North East. Some microbiologists and public health specialists also attended. CDP points were awarded for attendance. The day was chaired by Dr Renu Bindra, YHNE TBCB Chair and consisted of a number of presentations as well as case study discussions and question and answer sessions. Presentations were well received and included the following:

- National and regional epidemiology, Louise Coole, PHE
- What is the contribution of WGS to the diagnostics and management of MDR TB? Grace Smith, PHE
- Updated WHO and National Guidance for MDRTB/XDRTB, Ed Ong, Newcastle
- National MDR TB Needs Assessment, Sam Perkins, PHE
- Regional guidance discussion, Lucy Cottle, Consultant, Leeds

There was also plenty of opportunity for networking during the breaks and stakeholders reported this being a very useful part of the day, with many not having previously met their peers in other areas.

Overall the event was well received and there was an appetite for future events which will be discussed at the MDR TB subgroup. All presentations are available on the YHNE TBCB SharePoint site.

LTBI

All nationally LTBI funded CCG areas (Leeds, Bradford, Sheffield, North Kirklees and Greater Huddersfield) are continuing with their testing and treatment programmes. An exciting development since the last update has been the recruitment of a dedicated LTBI project manager who is able to provide support to the CCGs and local stakeholders to improve the programme of work. The post holder Adele Mackin is employed by Greater Huddersfield CCG but her role is to improve testing uptake in all areas and ensure the full pathway is working. There are some concerns about testing activity and referral pathways which are being addressed. In addition to this, the evaluation of the first year of the programme has now been produced and is informing the work plan going forward.

If you have any queries regarding LTBI please contact the LTBI project manager Adele.Mackin@greaterhuddersfieldccg.nhs.uk

North East Network update

The North East TB network met on 30 October 2017. Dr Ed Ong gave an update on MDR TB, and Dr Jim MacFarlane chaired a series of discussions of complex cases presented by clinicians from around the region. The network agreed a plan describing our aspirations for TB in the North East in 2020 and the work needed to reach these.

The network will be meeting again in April 2018 (date to be confirmed). Among other actions over the coming year, the network will be considering the capacity and workload of TB teams and reviewing the North East approach to cohort review.

Last month, the North East's annual review of Tuberculosis covering 2016 was published. This confirmed that the North East remains one of the lowest TB incidence regions in England. However, incidence in the North East has been static while the incidence in England has declined, and there is considerable variation between localities and population groups in the North East.

The vast majority of North East cases were either born in the UK (42%) or have lived here for at least two years (51%). As we know that a diagnosis of TB is not always considered in the UK born population, and more than a third of North East patients (34%) do not start treatment until more than four months after symptom onset, we will be using the opportunity of World TB Day (24 March) to remind GPs to consider a diagnosis of TB when patients present with compatible symptoms.

Yorkshire and Humber Nurse Forum

The Yorkshire and Humber TB Nurse Forum meet 3 times a year to bring together TB nurses, health visitors and practitioners from across the region to share good practice, provide peer support and access to educational opportunities. Key areas of work currently include:

- Workforce and training. The group has identified training needs for the forum and agreed speakers at each meeting during 2018. The sessions will provide nurses with CDP points and include themes on paediatrics and drug interactions.
- Nurse competency framework – the RCN have now published the new framework which includes standards for TB nurses. The forum is looking at the implications of this document and will be working with the TBCB to implement a programme of work.

Other news

Educational TB event, Hull 10 April

An educational event in Hull is being planned to mark World TB Day on 24 March and also the opening of a new infectious diseases ward at Hull and East Yorkshire Hospitals (Castle Hill site). The ward will have 6 negative pressure rooms to cater for TB and other respiratory infection patients.

There will be a number of presentations from local and regional experts including:

- A local and national overview

- A historical look at local TB service provision and epidemiology and how it's changed over time
- The new ward and its facilities
- The latest in diagnostics and treatment

The afternoon will start with lunch and networking at 12.30pm

Attendees include but are not limited to the following professionals working in East Yorkshire, Hull, North Lincolnshire and North East Lincolnshire:

- Hospital consultants
- Hospital trainees
- TB nursing teams
- Microbiologists
- Laboratory technicians
- Paediatricians

To register please go to:

<https://surveys.phe.org.uk/TakeSurvey.aspx?SurveyID=TBEvent10April2018>

Yorkshire and Humber TB Clinical Network, Inaugural meeting 6 March 2018

The YHNE TBCB is holding the first meeting of the Yorkshire & Humber TB Clinical Network during the afternoon on 6 March in Leeds and is inviting TB clinicians to attend.

All doctors (adult, paediatric and microbiologists) involved in TB are being invited to join the network which will be chaired by Dr John Watson, Respiratory Physician, Leeds.

The aim is to have an annual face-to-face event and provide ongoing peer support. The network will:

- Provide a forum for clinical peer support
- Share information on best practice, new and emerging technologies, clinical guidance and discussion of challenging cases
- Provide regular educational opportunities with CDP points
- Support the work programme of the YHNE TBCB

Agenda items will include for this meeting will include:

- Consensus on role and aims of YH TB Clinical Network
- Priorities and work plan
- Case study presentations
- Educational session from Toby Capstick, Lead Respiratory Pharmacist, Leeds Teaching Hospitals NHS Trust and Chair, UKCPA Respiratory Group

If you would like to attend the network meeting, please register here: <https://surveys.phe.org.uk/TakeSurvey.aspx?SurveyID=CINwk6March2018> and we will send meeting papers nearer the time.

LTBI (non-programmatic) task and finish group (YH)

Whilst the national programme to implement LTBI testing and treatment for 16 to 35 year olds who have recently arrived in the UK from high incidence countries (>150 per 100,000) is well underway in Yorkshire the TBCB want to ensure LTBI screening arrangements are in place for all new migrants in Yorkshire and Humber irrespective of whether they are resident in an area receiving NHSE funding as per national guidance (high incidence countries are defined by NICE as >40 per 100,000). In addition to this consideration is also being given to the following under-served populations (USPs):

- some migrant groups, including asylum seekers, refugees and those in immigration detention
- people in contact with the criminal justice system
- people who misuse drugs or alcohol
- people with mental health needs
- people who are homeless

A scoping exercise has been undertaken to look at current provision and need and a task and finish group has been established to take the work forward.

National updates

Various work is taking place to address the national priorities, further information can be found [here](#) and you can also subscribe to regular **TB strategy updates**.

TB Nurse Competency Framework

The RCN published the framework in December 2017 in response to the TB nurse workforce review (2015). The document is aimed at nurses working in TB, those thinking about entering TB nursing and those who have roles in identifying those with TB / at risk of TB. It can be used in annual appraisals to support CDP and also provides a tool for managers and commissioners to help understand the needs for service planning and workforce review.

Template job descriptions are being developed and work is planned with HEE to address TB workforce training needs.

The document can be accessed [here](#).



Tuberculosis Nurse Competency Framework for TB Prevention, Care and Control



British Association for Paediatric TB (BAPT)

The British Association for Paediatric TB is a multidisciplinary organisation to promote the health of children with LTBI and TB in the UK. Its objectives include

advocating for equity of access and to foster co-operation, friendship and mutual support between all those involved in the care of children with TB.

If you would like further details please email: contactbapt@gmail.com

Light up the World for TB

The STOP TB Partnership is encouraging towns and cities across the world to light up local landmarks in red to help raise awareness of TB.

Further details can be found [here](#)

Some of our public health teams based in local authorities are planning to do this. If this is something you would like to be involved in please let us know.



Upcoming national events

National TB Nurses' Conference, 22 June 2018 (venue tbc)

The annual nurses' conference took place in London this year and included presentations from the national TB team as well as local stakeholders who presented their work. All the presentations can be found [here](#).

The Royal Society of Medicine, TB control enters the genomic area: A world first for UK public health, 22 March 2018, London

This year's TB meeting the focus will be is devoted to the development and implementation of whole genome sequencing (WGS) of how mycobacterium tuberculosis isolates in routine practice. The UK is the first country in the world to implement this technology for routine diagnosis, antibiotic resistance profiling and surveillance. The day will focus on clinical, epidemiological and logistical advantages and implications of WGS.

The RSM is offering bursary places to nurses. For further details and to view the full programme online: www.rsm.ac.uk/events/rmk02

Useful websites

Information	Organisation	Available from
Fingertips TB Strategy Monitoring Indicators	PHE	http://fingertips.phe.org.uk/profile/tb-monitoring
USP resource	PHE	https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/592274/Tackling_TB_in_Under-Served_Populations_-_A_Resource_for_TBCBs_and_partners.pdf
NICE guidelines (NG33)	NICE	https://www.nice.org.uk/guidance/NG33
Latent TB toolkit	TB Alert	http://www.tbalert.org/wp-content/uploads/2016/07/LatentTBToolkit_WEB.pdf
Online TB training	TB Alert	http://www.tbalert.org/health-professionals/primary-

		care-information-and-professional-development/
TB Specialist Nurse Resource Pack	TB Alert	http://www.tbalert.org/health-professionals/primary-care-information-and-professional-development/
Various information and resources for professionals & the public	TB Alert	http://www.thetruthabouttb.org/ & http://www.tbalert.org/
Various TB information and resources for professionals & the public	PHE	https://www.gov.uk/government/collections/tuberculosis-and-other-mycobacterial-diseases-diagnosis-screening-management-and-data
Latent TB leaflet for patients (available in 12 languages)	PHE	https://www.gov.uk/government/publications/latent-tb-testing-and-treatment-leaflet
TB strategy	PHE and NHS England	https://www.gov.uk/government/publications/collaborative-tuberculosis-strategy-for-england
Tuberculosis in England 2017 report (presenting data to end of 2016)	PHE	https://www.gov.uk/government/publications/tuberculosis-in-england-annual-report

TB Control Board SharePoint site

The YHNE SharePoint site is a local resource hosting key documents, event reports, news, updates and diaries. If you would like access to this please contact cathie.railton@phe.gov.uk

Yorkshire & Humber & North East TB Control Board support team

Chair:

Dr Renu Bindra, Consultant in Communicable Disease Control, PHE Yorkshire & the Humber

Co-chair:

Paul Davison, Deputy Director Health Protection, PHE North East

Programme manager:

Cathie Railton, PHE Yorkshire and Humber

LTBI project manager:

Adele Mackin, Greater Huddersfield CCG

TB programme support/admin:

Janet Hargreaves, PHE Yorkshire and Humber

GP lead:

Dr Sandy Moffit, GP lead

TB nurse leads:

Cathy Mullarkey and Meg Goodrick (Yorkshire and the Humber)
Carole McLean (North East)

Advisory CCG for LTBI screening programme:

Greater Huddersfield

For more information about the work of the YHNE TBCB please contact the programme manager at cathie.railton@phe.gov.uk