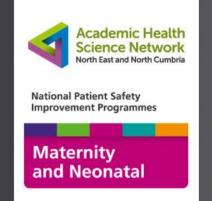
Maternity and Neonatal Safety Improvement Network Event North East and North Cumbria



Thursday 11 March, 9am – 12pm

SPEAKERS

- Tony Roberts, AHSN NENC, South Tees Hospitals NHS FT, North East Quality Observatory Service (NEQOS)
- Karen Hooper, Network Delivery Manager (Maternity), NHS England North East and North Cumbria
- Charlie Merrick, Senior Improvement Manager, NHS England & Improvement
- Julia Wood, MatNeoSIP Lead NENC, AHSN NENC

- Becca Scott, North East Local Maternity Systems Prevention Lead, North East & North Cumbria Perinatal Mental Health Clinical Network Lead
- Sarah Wall, Service User Voice Representative
- Northumbria, Tyne & Wear, Durham Local Maternity System
- Kathryn Hardy, Local Maternity System
 Programme Lead, Local Maternity Systems for
 Northern England
- Nicola Jackson, Local Maternity System
 Programme Lead, Local Maternity Systems for
 West, North and East Cumbria



Maternity and Neonatal Safety Improvement Programme (MatNeoSIP) for NENC

Tony Roberts



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network

North East and North

Cumbria Patient Safety

Collaborative



Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England NHS Improvement







Agenda



Time	Agenda item
09:00	Welcome and introduction
09:10	The Maternity and Neonatal Landscape
09:20	National and Regional Overview of MatNeoSIP
09:35	Delivery of Risk Education to reduce tobacco in pregnancy
10:00	Break
10:10	PreTerm Birth Perinatal Optimisation Care Bundle
10:20	Share and Learn: Trust updates
11:00	Break
11:10	Share and Learn continued
11:25	A Co-production Model across NENC
11:35	Regional Culture Work
11:45	Next steps
12:00	Close



The Maternity and Neonatal Landscape

Karen Hooper Network Delivery Manager (Maternity) NHS England-North East and North Cumbria



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative



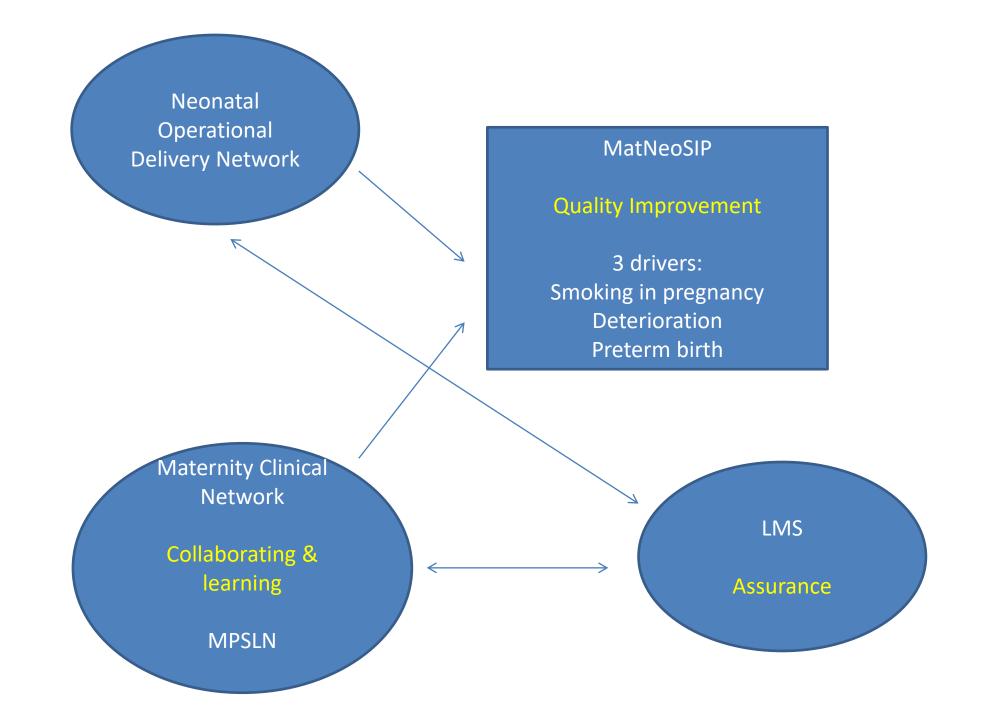
Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England NHS Improvement



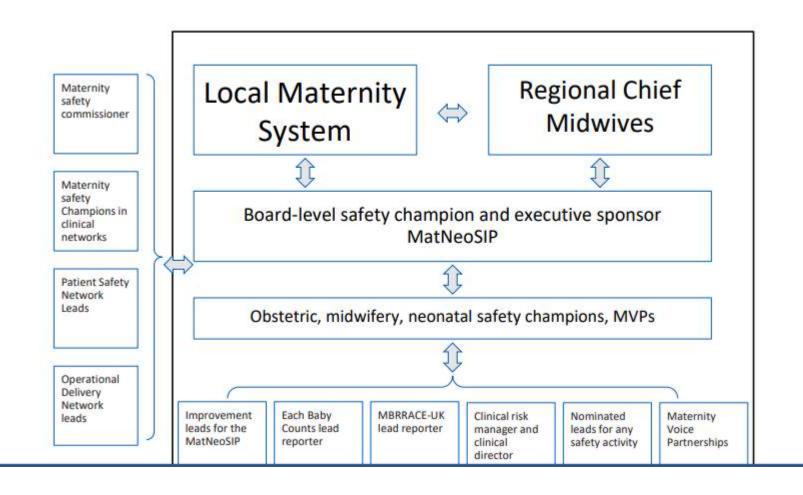


MPSLN

- sharing of incidents & learning
- External review process
- Learning form national reports
- MatNeoSIP
 - Quality improvement
 - 3 drivers

- Clinical Network Safety Champions
 - → Maternity Voices Partnership User Chair
 - → Board level maternity safety champions usually same person as MatNeoSIP executive sponsor
 - → Regional Chief Midwife
 - → Regional Lead obstetrician
 - → Local Improvement lead for MatNeo SIP
 - → Operational Delivery Network leads
 - → Lead commissioner for safety in LMS
 - → National Maternity Safety Champions
 - → Maternity Transformation programme leads

https://www.england.nhs.uk/wp-content/uploads/2021/02/Feb-2021-Maternity-and-Neonatal-Safety-Champions-Toolkit-July-2020.pdf





National and Regional Overview of MatNeoSIP

Charlie Merrick, Senior Improvement Manager, NHS England & Improvement Julia Wood, MatNeoSIP Lead – NENC, AHSN NENC



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative



Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England
NHS Improvement





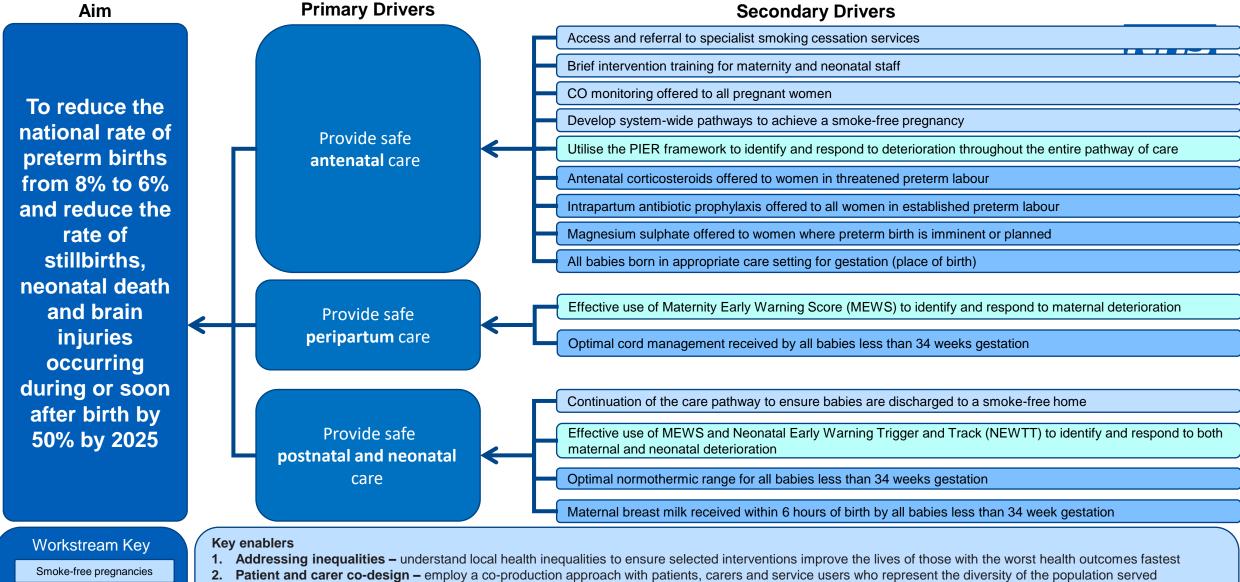
National Overview

3 main workstreams

- > Optimisation and stabilisation of preterm infant
- > Early recognition and management of deterioration of women and babies
- > Smoke free pregnancy

Additional work

- > Local Improvement Plans
- > Responding to Covid-19
- > Safety Culture
- > Addressing Inequalities



Early recognition and management of deterioration of women and babies

Optimisation and stabilisation of the preterm infant

- Safety culture use safety culture insights to inform quality improvement approaches
- Patient safety networks co-ordinate and facilitate patient safety networks to provide the sub-regional delivery architecture for improvement
- Improvement leadership identify and nurture leadership, including clinical leaders, to lead improvement through the networks
- Building QI capacity and capability use a dosing approach to build quality improvement capacity and capability
- Measurement develop a robust measurement plan including relevant process, balancing and outcomes metrics
- Improvement and innovation pipeline undertake horizon scanning and prioritisation to inform future national workstreams



Regional view



@NatPatSIP / @MatNeoSIP

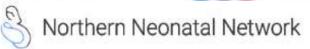
www.improvement.nhs.uk

Delivered by:
The AHSN Network





Led by:
NHS England
NHS Improvement



Optimisation and stabilisation of the preterm infant



- > Test site for the Preterm Perinatal Optimisation Pathway more information later
- > Place of birth: NENC achieved the highest percent across England in both 2018 and 2019 (2019, NNAP)
- > Antenatal steroids: NENC was very slightly above the national average by 0.3% (2019, NNAP)
- > Magnesium sulphate: NENC was above the national average by 0.9% in 2019 (2019, NNAP)
- > Intrapartum antibiotics: Need to understand baseline
- > Optimal cord management: Is there a recording issue?

 Establishing a mini-collaborative to focus on this from Q1 2021/22
- > **Normothermia:** Second lowest performing region in 2019 (2019, NNAP). Looking to establish a mini-collaborative end of 2021
- > Maternal breast milk: Lowest performing region in 2019.

 Work ongoing as part of UNICEF BFI (Baby Friendly Initiative)



Smoke-free pregnancies





- > Initial focus is going to be on risk education Becca Scott
- > From January 2022 we will look at what other projects we can work on in line with the driver diagram

Early recognition and management of deterioration of women and babies



MEWS:

- > Rollout of nationally developed MEWS (2022)
- > Understand use/challenges/where it works well

NEWTT:

> Understand use/challenges/where it works well

PIER Framework:

- > Plan / Prepare / Prevent
- > Identification
- > Escalation
- > Response

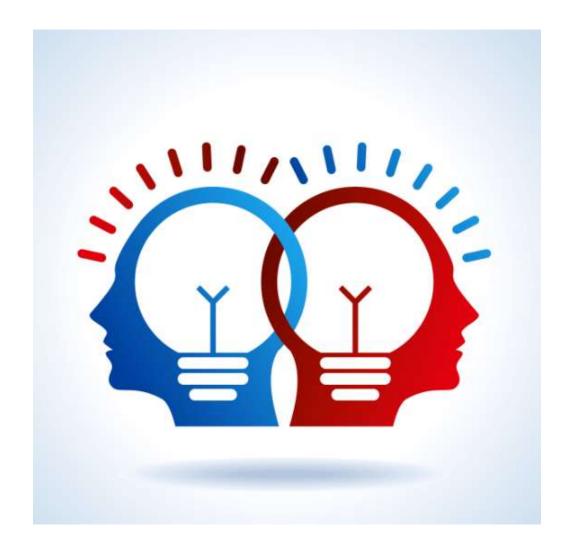






Support: Trusts/Groups











Delivery of Risk Education to reduce tobacco in pregnancy

Becca Scott, North East Local Maternity Systems Prevention Lead

North East & North Cumbria Perinatal Mental Health Clinical Network Lead



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative



Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England NHS Improvement



Delivery of Risk Education to reduce tobacco use in pregnancy





NE Smoking at time of delivery: 2017/18 16.3% (England 10.8%), 2019/20 15.2% (England 10.4%)

Smoking is the single most modifiable risk factor in pregnancy

Smoking in pregnancy not only causes inequalities, it also exacerbates existing inequalities

Potential impact on: Long term conditions of the smoker plus increase in Stillbirths, NNDs, SiDs, Miscarriages, Preterm births, low birth weight, heart defects, childhood asthma and obesity, behavioural problems, school attainment, poverty PLUS intra generational smoking

£2.7m Annual obstetric costs in North East of managing women who smoke

£4.8m Healthcare cost savings across the lifetime of each Mother & baby unit

Annual human savings in North East by reducing to 6% SATOD:

- 9 babies stillborn
- 74 miscarriages and neonatal deaths
- 1 sudden infant deaths
- 29 preterm babies
- 131 babies born at a low birth weight

Workplan



- Deep Dive audit May 2021
- Implementation of the NHS Long Term Plan 2021-24
 - ➤ Regional approach
 - >Embed pathway
 - ➤ Acute settings Bedside support and treatment
 - ➤ Development of regional NRT provision system
 - ➤ Maternity Support Worker role and holistic family approach is pivotal
- Relapse Prevention
- Social and emotional/mental health support
- Risk Education Intervention

The babyClear© Risk Perception approach



- This intervention is aimed at targeting women who initially decline support.
- The intervention takes places at the dating scan.
- The intervention is designed to clearly highlight the risks of smoking.
- The woman undertakes the CO monitoring with the device plugged into a computer. On the screen there is an image of a baby along with the percentage of carbon monoxide concentration in the blood for both the mother (COhb) and fetus (FCOhb).
- A demonstration using a doll and placenta is undertaken to highlight how smoking directly impacts the placenta and in turn how this effects the baby.





Risk Perception service scope (March 2020)



- 3 out of the 7 NE FT's offer some form of Risk Perception
- 1 out of the 7 NE FT's deliver Risk Perception as it is trained

Barriers to delivering Risk Perception include;

- Time to deliver intervention
- Delivery by Midwife only
- Cost and time to train in RP

Key enablers to delivering RP:

- Quicker time to deliver
- Visual tools that are underpinned with facts
- Being delivered by other professionals (SSA, Sonographers, HV's, Obstetricians)
- Offering at/during scans and with baby present

Risk Education Intervention Recommendations



Intervention "Enhanced Visual Risk Education Intervention"

A three-stage approach

- 12 week
- -20 weeks
- Newborn

Training

Training on delivery of the interventions should be undertaken by Midwives, Sonographers, MCAs and Health Visitors based on a train the trainer approach.

Evaluation

There is a clear need for such an intervention to be evaluated, as practice anecdotes suggest such method of intervention is appropriate and effective. Yet searching the literature, it seems to suggest education regarding risk is not effective. Therefore, this intervention should be evaluated within each of the trust areas in terms of quit rates.

How to move the workplan forward?



Questions for discussion in breakout rooms...

- Group 1 Risk Education Intervention
- Group 2 Social and emotional/mental health support
- Group 3 Relapse prevention

How to move the workplan forward?



Feedback

- Group 1 Risk Education Intervention
- Group 2 Social and emotional/mental health support
- Group 3 Relapse prevention

Questions



CONTACT DETAILS:

BECCA SCOTT Regional Local Maternity Systems Prevention Lead



@Sparkle_Becca



Rebecca.Scott@durham.gov.uk



07795 685257



PreTerm Birth Perinatal Optimisation Care Bundle

Charlie Merrick, Senior Improvement Manager, NHS England & Improvement Julia Wood, MatNeoSIP Lead – NENC, AHSN NENC



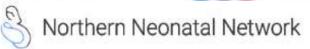
@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk





Led by:
NHS England
NHS Improvement





Preterm Perinatal Optimisation Care Pathway



Place of Birth

Extreme preterm birth in a tertiary unit setting significantly improves survival and neurodevelopmental outcomes



Antenatal Steroids

The use of antenatal steroids significantly improves survival by reducing the risk of preterm lung disease, brain haemorrhage, necrotising enterocolitis (NEC) and sepsis.



Magnesium Sulphate

The use of magnesium sulphate within 24 hours prior to birth significantly reduces the risk of cerebral palsy



Intrapartum Antibiotics

The use of antibiotics 4 hours before birth significantly improves survival outcomes by reducing the risk of Group B Streptococcus sepsis



Optimal Cord Management

Optimal cord management significantly improves survival by reducing the risk of brain haemorrhage as well as the need for blood transfusion



Normothermia

Early hypothermia (<36.5°C) increases the risk of mortality and brain haemorrhage, NEC and sepsis. Emerging evidence links early hyperthermia (>38°C) to adverse outcomes



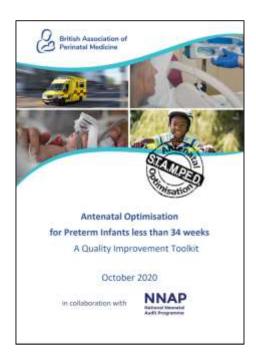
Maternal Breast Milk

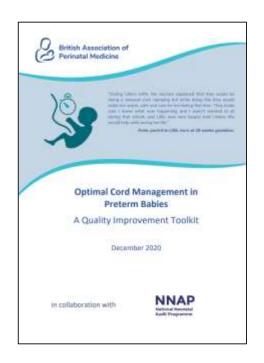
The safest milk for preterm babies is maternal breast milk as it significantly improves survival by reducing the risk of sepsis and NEC

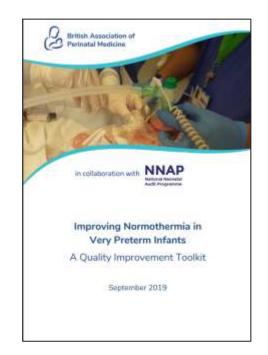


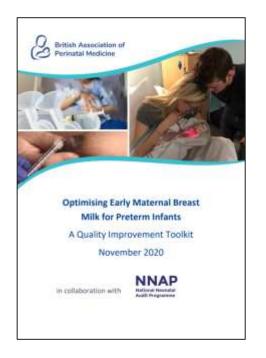












Next steps



Mapping of each intervention:

- > What are the key steps and decision making processes within each Unit
- > What are the processes between Units within each Trust
- > What are the processes between organisations and the handover of care between professionals
- > For all, what does 'good' look like
- > For all, what are the barriers to achieving 'good'

Conversations with each Trust:

> Who should be involved?









A Co-production Model across NENC

Sarah Wall, Service User Voice Representative Northumbria, Tyne & Wear, Durham Local Maternity System



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative



Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England NHS Improvement





Coproduction with Service Users

Sarah Wall

Service User Voice Representative

NTWD Local Maternity System

NE & Yorkshire Maternity Transformation Program

sarahlwall@hotmail.com



Service User Voice... why listen?

Co-production acknowledges that people with 'lived experience' are best placed to advise on what support and services will make a positive difference to their lives. Done well, co-production helps to ground discussions in reality, and to maintain a personcentred perspective.



Co-production

Co-design

Engagement

Consultation

Informing

Educating

Coercion

Doing with

in an equal and reciprocal partnership

Doing for

engaging and involving people

Doing to

trying to fix people who are passive recipients of service



"Local maternity systems should be responsible for ensuring that they co-design services with service users and local communities."

Clinical Negligence Scheme for Trusts - Safety Action Point 7, MVPs

'Can you demonstrate that you have a mechanism for gathering service user feedback, and that you work with service users through your Maternity Voices Partnership (MVP) to coproduce local maternity services?

- Terms of Reference for your MVP
- Minutes of MVP meetings demonstrating explicitly how feedback is obtained and the consistent involvement of Trust staff in coproducing service developments based on this feedback
- Evidence of service developments resulting from coproduction with service users
- Written confirmation from the service user chair that they are being remunerated for their work and that they and other service user members of the Committee are able to claim out of pocket expenses
- Evidence that the MVP is prioritising hearing the voices of women from Black, Asian and Minority Ethnic backgrounds and women living in areas with high levels of deprivation, as a result of UKOSS 2020 coronavirus data.

OCKENDEN REPORT

2) Listening to Women and their Families

 a) Evidence that you have a robust mechanism for gathering service user feedback, and that you work with service users through your Maternity Voices Partnership (MVP) to coproduce local maternity services

Emerging Findings and Recommendations from the Independent Review of

MATERNITY SERVICES
AT THE SHREWSBURY
AND TELFORD HOSPITAL
NHS TRUST

Ownership, understanding and support of co-production by all

A commitment to sharing power and decisions with citizens A culture in which people are valued and respected

A culture of openness and honesty

Clear communication in plain English



Use open & fair approaches to recruit a range of people who use health and care services, carers and communities, taking positive steps to include underrepresented groups

Identify areas of work where co-production can have a genuine impact, and involve citizens in the very earliest stages of project design

Train and develop staff and citizens, so that everyone understands what co-production is and how to make it happen

P

3

4

5

6

7

Get agreement from senior leaders to champion co-production Put systems in place that reward and recognise the contributions people make

Build co-production into your work programmes until it becomes 'how you work' Regularly review and report back on progress. Aim to move from "You said, we did," to "We said, we did" "In a maternity context, the best way of instituting service user co-production is through a Maternity Voices Partnership." — Better Births



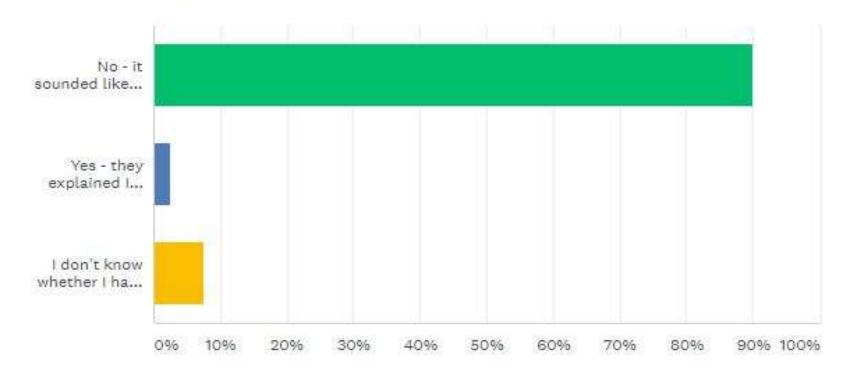


MVP Example

- Are Covid tests compulsory when you go in to have your baby?
 - Access to senior staff to find out
- Isolated incidents or more generalised issue?
 - Ask more service users
 - Ask some detailed questions
- Signposting individual service users
 - 24h Maternity Advice Line
 - Care giving Midwife
 - Professional Midwifery Advocates

Did you know that you didn't have to have the Covid test?

Answered: 40 Skipped: 0



ANSWER CHOICES	RESPONSES	
No - it sounded like I had to have it	90.00%	36
Yes - they explained I didn't have to have it	2.50%	1
I don't know whether I had to have it or not	7.50%	3
TOTAL		40

Did you feel that saying "no" to a Covid test was an option?

Answered: 40 Skipped: 0

ANSWER CHOICES		SES
Yes - it was totally clear that I could decline the test and I knew what would happen if I did	2.50%	1
Yes - but I didn't know what would happen if I didn't have the test	0.00%	0
Maybe - I thought I could have said "no" if I felt strongly about it	5.00%	2
Not really - there was an assumption that I wouldn't say "no"	30.00%	12
No - I could have declined but it would have prevented my care from going ahead	12.50%	5
No - it was totally clear that I had to have the test	50.00%	20
TOTAL		40



- Bring the issue to the MVP group/meeting
 - Discuss with clinical and service user members to raise awareness of the issue
- Coproduction of clear information
 - Draft shared to MVP group for comments
 - Changes made to improve accessibility
 - Infographic signed off
 - Infographic shared via MVP and Trust social media





COVID-19 Testing if you are pregnant

Will I be offered a Covid-19 test if I come into hospital?

You will be offered a combined throat and nose swab only if you are admitted to hospital This may be uncomfortable but should not cause any harm. We appreciate that these are difficult times but we appreciate your understanding of the need offer tests to anyone admitted to hospital.



You will not need a swab if you are only attending for Maternity Assessment Unit, Ultrasound Scan or Antenatal Clinic. Saying YES to the test Saying NO to the test Staff will take full precautions **Positive Result Negative Result** and may wear additional PPE You will be cared A member of the for some procedures for in an isolation maternity team will Declining testing should not room or a room inform you and your prejudice your care in any way. with others who care will continue have tested positive as planned for Covid-19 **COVID-19 Positive** If you have no symptoms, your care will be the same as anyone Will it change Entonox admitted who has not yet

how I give birth?

if you have Covid-19

Opiates

Epidural

Spine block

TENS Aromatherapy

Massage

Please ask

Waterbirth

confirmed Covid-19, labour and birth in water is not recommended

If you have

suspected or

If you are very unwell with Covid-19, we will support you to develop an individualised plan of care for your birth

Will it change where I give birth?

you or anyone in your household tests positive for Covid-19 or is showing symptoms or has been asked to self-isolate due to suspected or actual contact with someone with Covid-19, we are unable to offer you a home birth.

your midwife This helps us to care for you in the if you have safest possible environment and any questions minimises risk to staff providing care

received their test result, in an isolation area. If you do have symptoms, your care will be the same as someone who tests

Your birth preferences will not change. positive for Covid-19 There is no evidence to suggest one type of birth over another, (vaginal or caesarean)

However

Your maternity team may need to be more cautious when planning your care, for instance waterbirth

If you are carrying the virus unknowingly, it will be harder to avoid passing it on

If all isolation areas are full, you may need to be transferred to another hospital for your care.

Is it...

- Informative?
- Accurate?
- Clear?
- Kind?
- Comprehensive?
- Reassuring?
- Neutral?
- Respectful of choice?
- Honest?
- Inclusive?
- Accessible?





Many Thanks sarahlwall@Hotmail.com



Maternity and Neonatal

Regional Culture Work

Kathryn Hardy, Local Maternity System Programme Lead, Local Maternity Systems for Northern England Nicola Jackson, Local Maternity System Programme Lead, Local Maternity Systems for West, North and East Cumbria



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative



Northern England Maternity and Perinatal Mental Health Clinical Networks



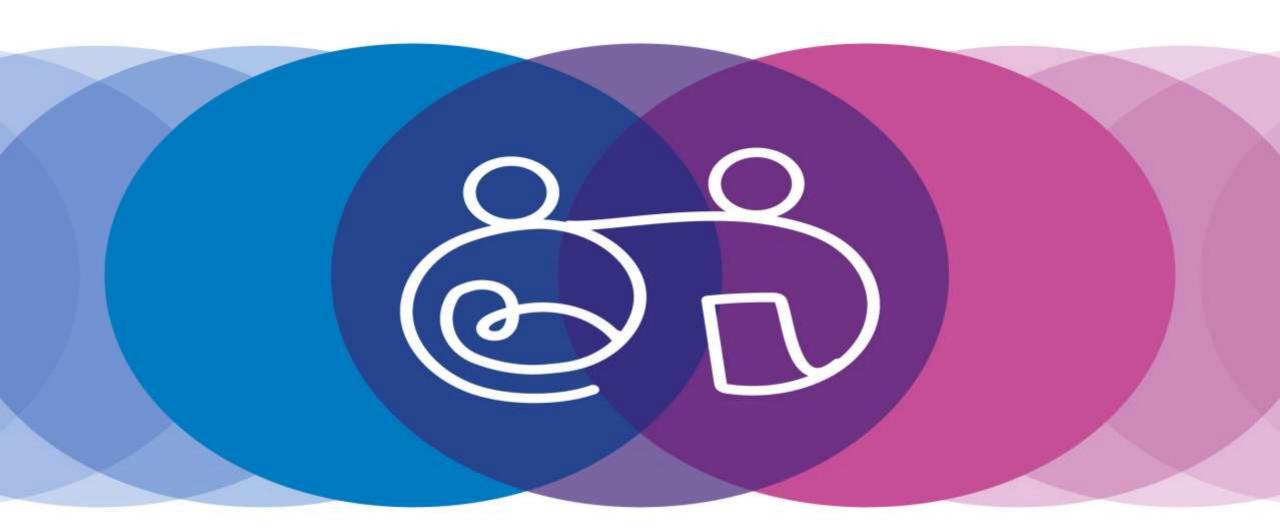
Led by:

NHS England NHS Improvement



Northern England & North Cumbria Local Maternity Systems







BAME WORK

- Increase support for at-risk pregnant women Refugee & asylum Seekers, videos 8 Languages
- Reach out and reassure pregnant Black, Asian and minority ethnic women with tailored communications –
 Spice FM, Recite-me, HAREF, NEAS, MVPs
- Minimise the risk of Vitamin D insufficiency WRVS shop supplies Vitamin D
- Gather the correct data SI Reports how can we address risk and structure training if we don't know demographics
- Cultural awareness training

Culture work

- SCORE survey regional work continues working with PMAs, HOM, Julia Wood
- Leadership opportunities How do we develop our future midwifery leaders?
- Review support available for the team. What is needed?
- Steve Head Taking care of yourself and your future 27/04/2021 The aim is that by the end of this
 session you will feel uplifted and have practical tools, tips and strategies to help you with your mental
 wellbeing and resilience during these challenging times.



National Patient Safety Improvement Programmes

Maternity and Neonatal

Next Steps

Julia Wood, MatNeoSIP Lead - NENC, AHSN NENC



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative



Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England NHS Improvement



FutureNHS online platform



- > The FutreNHS Collaboration
 Platform is a web based tool which
 supports people from across the
 health and social care sector to
 work together more effectively.
- > The Platform enables people to share, learn and connect with others, to deliver high quality integrated health and care services for patients and service users.
- MatNeoSIP Patient Safety
 Network for North East and North
 Cumbria FutureNHS
 Collaboration Platform



Help with Quality Improvement





PowerPoint Presentation (ahsn-nenc.org.uk)



Future MatNeoSIP Provisional Dates



- > 14th June pm
- > 20th September pm
- > 13th December pm

Next steps

- > Identify who should be the best people to speak to regarding the PreTerm Birth Perinatal Optimisation Care Bundle
- > Become a member of the Regional MatNeoSIP Hub
- > Use the QI Toolkit
- > Ask for help
- > Add potential dates to your diaries









Maternity and Neonatal

Dr Stephen Sturgiss is retiring



@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network
North East and North
Cumbria Patient Safety
Collaborative

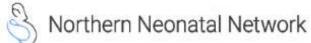


Northern England Maternity and Perinatal Mental Health Clinical Networks



Led by:

NHS England NHS Improvement



Dr Stephen Sturgiss

- What three words spring to mind when you think of Stephen?
- What impact has Stephen had across the region?



Excellent inclusive leadership

Outstanding maternity leader

Supported an open and transparent patient safety learning culture

Collaborative visionary leader

Enabled **closer working** with the neonatal and maternity networks

Sharing knowledge widely

Collaborative learning and improvement

Respected, focused and passionate

Connection, partnership, patient centred

Sharing of expert knowledge

Absolutely **ALWAYS** put mums and babies at the centre of our thinking

Leadership, consistency and innovation

Great leader and very approachable personality

Far reaching, productive, excellent clinical support

Developed a well functioning maternity network

Brought the region together to make wide ranging improvements to maternal and neonatal care

Excellent Communicator

who has enabled many teams to come together

Delivers, drives and reasons



Challenging Disability Through Outdoor Adventure

View in high contrast ■
Watch our video ■
Website accessibility

Home

Exmoor

Kielder

Lake District

About us

Support us

Contact us



Our Centres

We offer a wide range of accessible activities, click on a centre to find out more...



Kielder

Exmoor

Request a brochure >



Exmoor

- Activity Holidays for familes, individuals and groups
- School residential activity breaks
- · Specialist courses
- Carer's Breaks

More details

- . 3, 4 or 7 night breaks
- Wet weather activities





Calvert Kielder

Our fabulous new Kielder ZipCoaster is now open! Ring 01434 250232 to book your place on Europe's 1st AvatarOne

The uniquely beautiful and uplifting Kielder is home to Europe's largest working forest, northern Europe's largest manmade lake

This is our home – and we invite you to join us.

More details -



Lake District

- · School courses
- Residential programmes
- Short breaks
- Families and individuals courses
- Specialist courses

More details

<u>Dr Sturgiss is retiring: Collecting for</u> the Calvert Trust (paypal.com)



