

SPSP Perinatal and Paediatric Programmes National Learning Session

Leadership to support a culture of safety

30 October 2024

Leading quality health and care for Scotland





Focus on tobacco: dependency in pregnancy

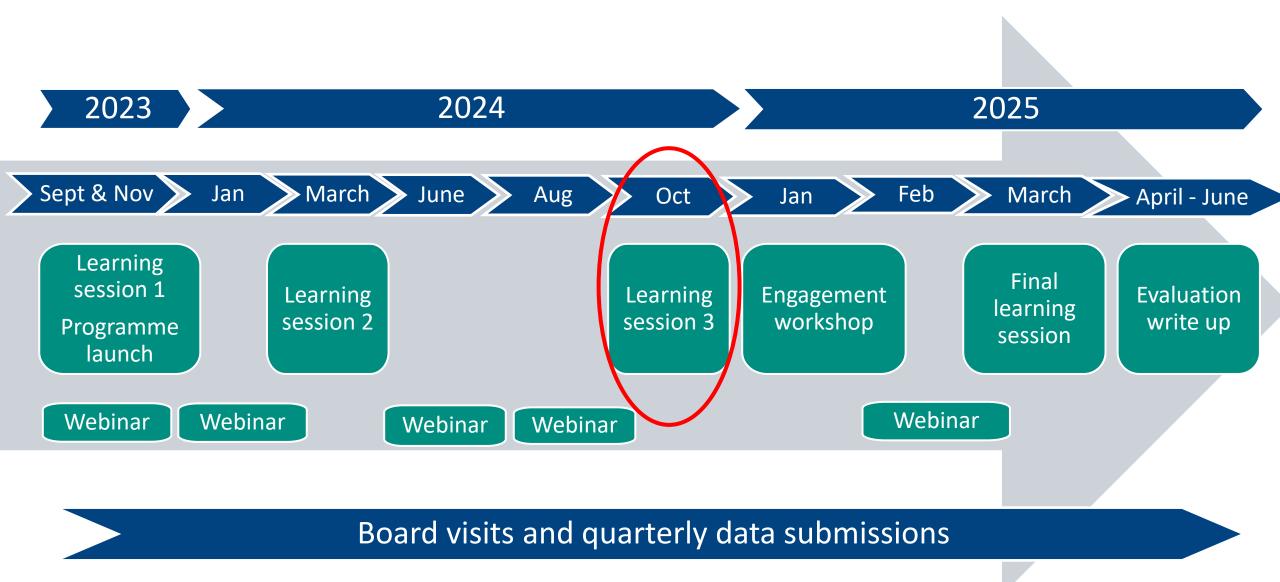
Jacqui Laurie Strategic National Clinical Lead for Obstetrics





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Programmes timeline



SPSP Perinatal and SPSP Paediatric Activity







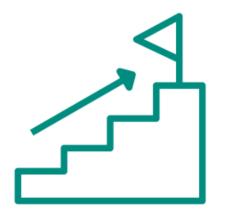
3 paediatric data submissions2 perinatal data submissions

22 paediatric board visits completed17 perinatal board visits completed

Racialised health inequalities webinar

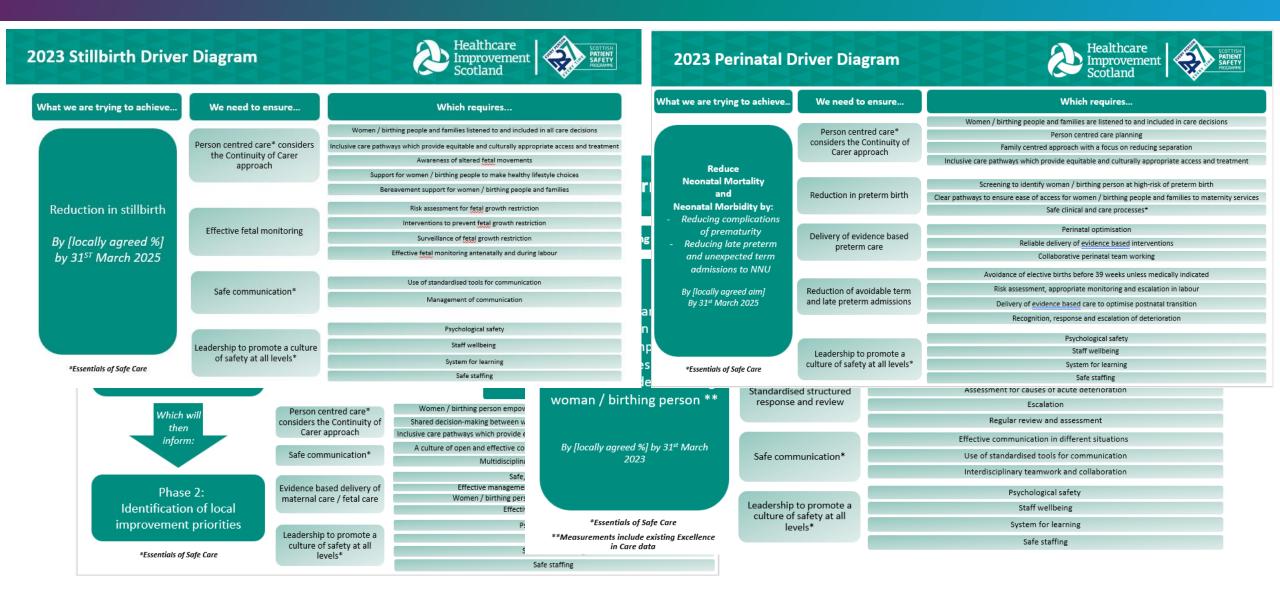


Learning session 3 30 October 2024



IHI improvement scale

SPSP Perinatal Driver Diagrams



SPSP Perinatal Driver Diagrams

We need to ensure... Primary Driver

Person centred care considers the Continuity of Carer approach



Which requires... Secondary Driver

Support for women / birthing people to make healthy lifestyle choices

Change ideas

Staff have access to education, tools and resources to inform women about risks of smoking during pregnancy

CO monitoring at booking and 36 weeks Process in place for opt-out referral to smoking cessation services Signpost to services to support healthy behaviour in pregnancy and beyond e.g. Ready Steady Baby / PMH Pathways / Solihull Education



Why we should care about treating tobacco dependency in pregnancy

Sonya Scott Consultant in Public Health, Public Health Scotland





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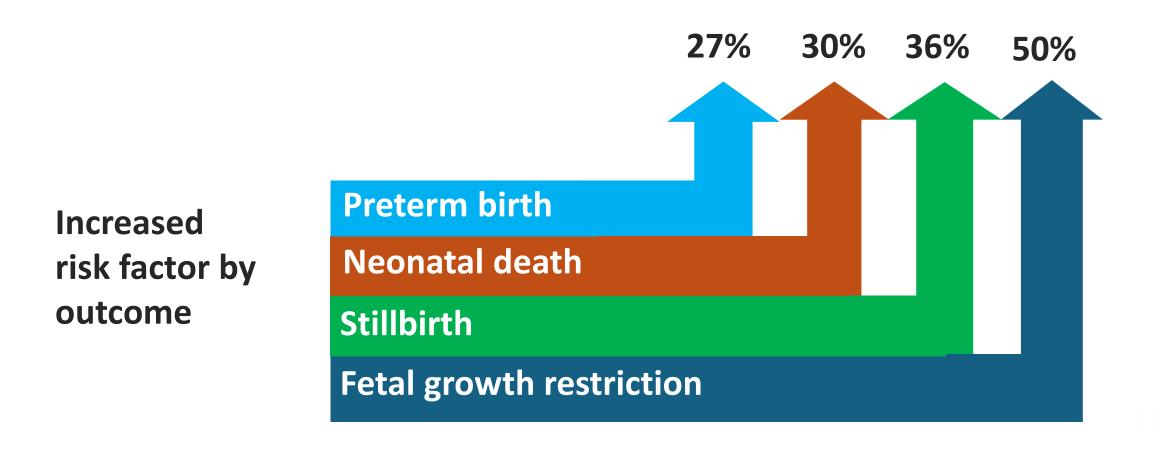
- Provide reminder of impact of tobacco dependency on health outcomes for women and babies and nature of tobacco dependency
- Describe current scale of risk and what works to effectively treat



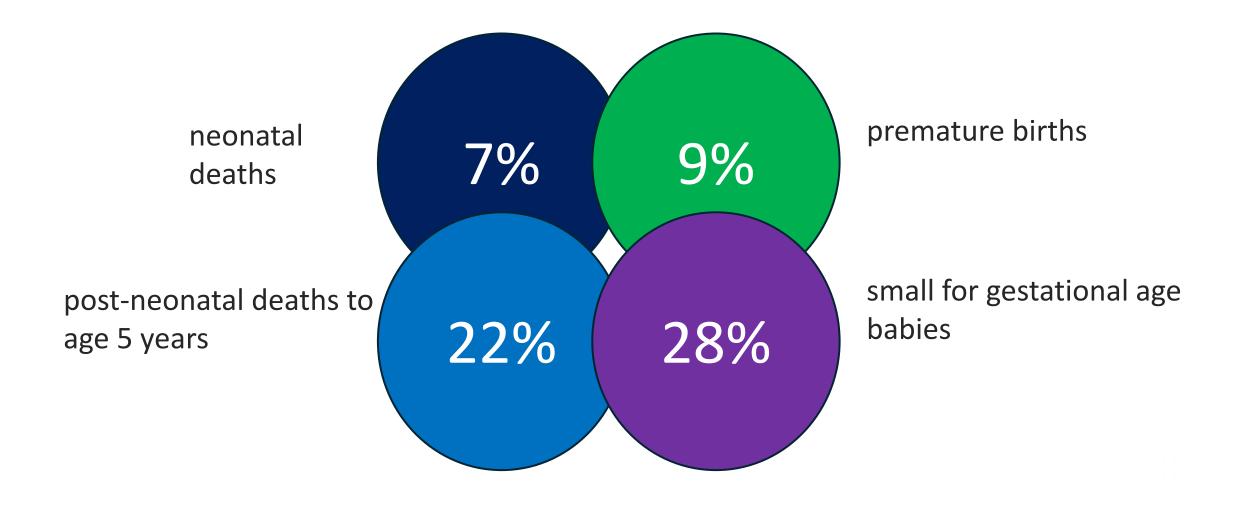
Smoking in pregnancy is **the single biggest modifiable risk factor for poor birth outcomes**, increasing the risks of miscarriage, preterm birth, stillbirth, neonatal death and sudden infant death.



Impact of tobacco addiction on perinatal outcomes



Elimination of smoking in pregnancy could prevent



Tobacco dependency is an addiction requiring treatment

- Addiction is defined as repeated, compulsive use of a substance despite harm
- Nicotine is as addictive as cocaine
- Tobacco dependency is a chronic relapsing remitting condition
- 2 in 3 people who smoke want to quit





Some of us are at greater risk of becoming addicted than others



Average age of initiation is 17 years in Scotland



Caregiver and/or friend's smoke



Areas with high availability



Targeted marketing

An indicator of inequality

- The largest baby inequalities are observed for tobacco exposure.
- The most deprived babies **142 x** more likely to be exposed than the least deprived babies.
- The next steepest gradient is for infant feeding with the most deprived babies 42x more likely to never have been breastfed.

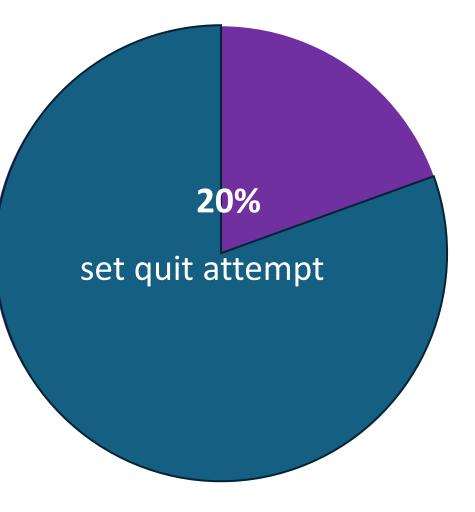


Tobacco/nicotine dependency affects:

- 1 in 10 of pregnancies booked in Scotland, rising to almost 1 in 5 in some areas
- 1000s women and babies each year
- All ages
- All local authority and health board areas

Current treatment outcomes

Of 5000+ women with tobacco dependency



Measure carbon monoxide levels at:

- The booking and the 36-week antenatal appointments for all women.
- All appointments if the women has current tobacco dependency at booking or reports previous dependence.

What works to treat tobacco dependency in pregnancy

Automatically refer to tobacco dependency treatment all those:

- With current tobacco dependence at booking
- Who have recently stopped smoking (within 2 weeks of booking)
- Who have a carbon monoxide reading of 4ppm or above
- Who have previously been referred but not yet accessed treatment

Ask if partner or anyone else in house has tobacco dependency

Offer referral to tobacco dependency treatment to partner etc

"You have such feelings of guilt inside you, deep down, so if someone starts pointing their finger at you...then you feel even worse" (Fleming et al.)

"I don't need you to criticise me, I need you to support me" (Stacey et al.)

In summary

- Tobacco dependence is the single biggest modifiable risk factor for adverse outcomes in pregnancy.
- Nicotine addiction is a chronic relapsing remitting medical condition.
- We are **not all at equal risk**. Tobacco dependence in pregnancy is an indicator of wider inequalities.
- Effective treatment will save babies lives

Thank you for listening

Contact me: sonya.scott2@phs.scot





NHS Highland Smoke-free Pregnancy Service

Cat Clark and Lorna MacKenzie Smoking Cessation Midwives





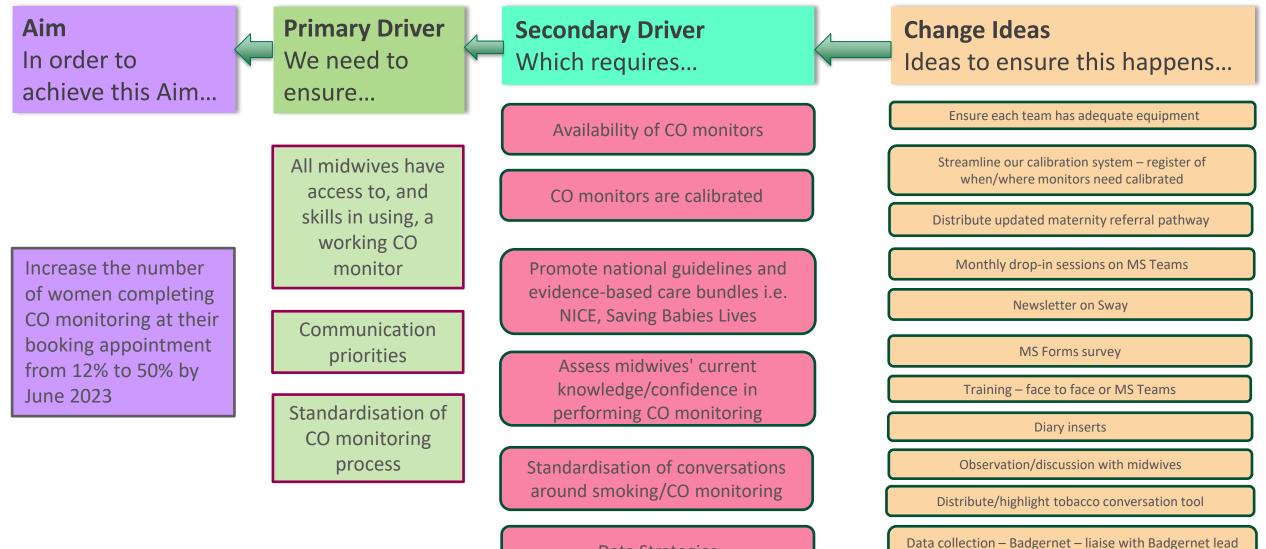
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What have we done?

We have focused on improving:

- CO monitoring rates
- Staff Education
- Patient Resources
- Service Provision
- Communication

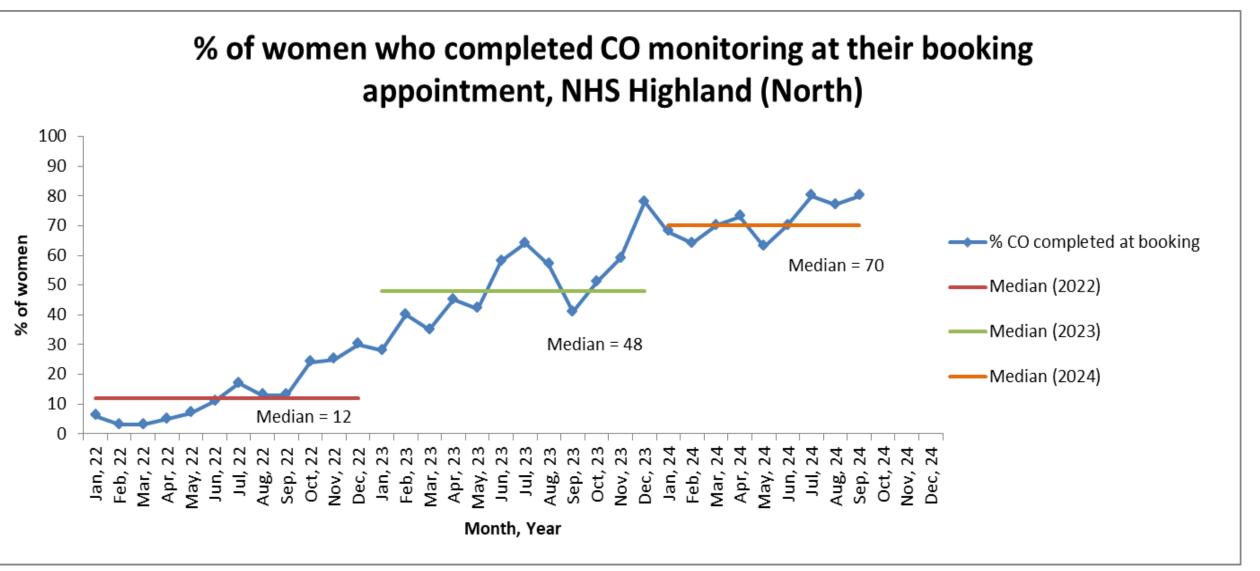
Driver diagram



Data Strategies

re. data collection and stop function for CO monitoring

CO Monitoring statistics

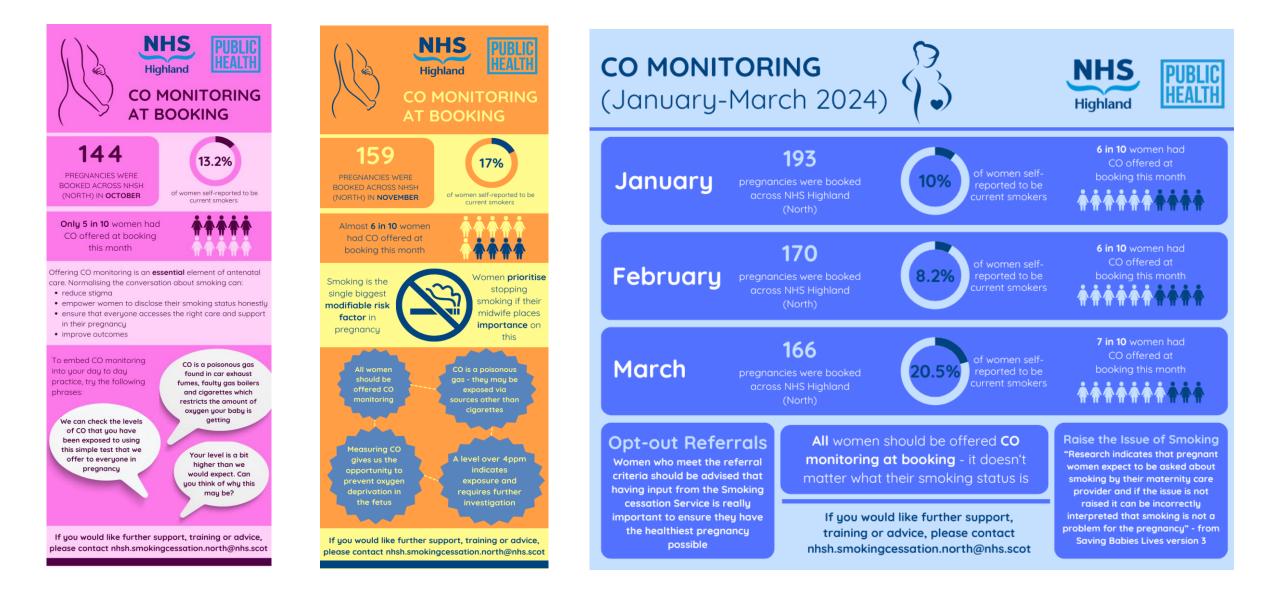




NHS Highland - How smoking harms your baby (video)

NHS Highland - The effects of smoking on your baby (video)

Infographics





Financial Incentive Scheme pilot



What's next?

- Rollout and analysis of our pilot incentive scheme
- Optimise CO monitoring throughout pregnancy
- Explore training in Cognitive Behavioral Therapy (CBT)
- Pathways for cannabis smokers

Thank you for listening

Contact us:

- <u>catherine.clark8@nhs.scot</u>
- lorna.mackenzie8@nhs.scot
- <u>nhsh.smokingcessation.north@nhs.scot</u>



Group discussion – attitudes, beliefs, values

How does this picture make you feel?



SH17 SH17 Sh192

Group discussion

Make sure everybody knows each other

Write down examples on sheet provided

Info will be collated and shared via flash report

CO Monitoring at booking and 36 weeks

Opt out referral

Offer of referral for significant others



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What are you doing well and can share?

What challenges are you facing?

How might you overcome those challenges?



- Twitter: @online_his
- Email: his.spsppp@nhs.scot
- Web: healthcareimprovementscotland.scot

References

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 <u>American Cancer Society</u>

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