

Easing the delivery of a cell free foetal DNA programme

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The programme

- RAADP has successfully been in place for 50 years
- ~40% of pregnancies – RhD negative foetus
- NICE recommended non-invasive prenatal test to determine the RhD status of the foetus in 2016

1 year: Idea to implementation

- June 2016 – Obstetric consultant attends BSH obstetrics special interest group
- August 2016 – Subject broached in HTT
- July 2017 – Programme introduced into Trust

Why did we champion this programme?

- Next step in the progression of antenatal care for RhD negative women
- Improved level of care
- Reduced unnecessary exposure to human blood products
- However ... implementation would require a robust system

Booking bloods



Identify RhD negative women



Take cFFDNA sample



cFFDNA sample referred



Results

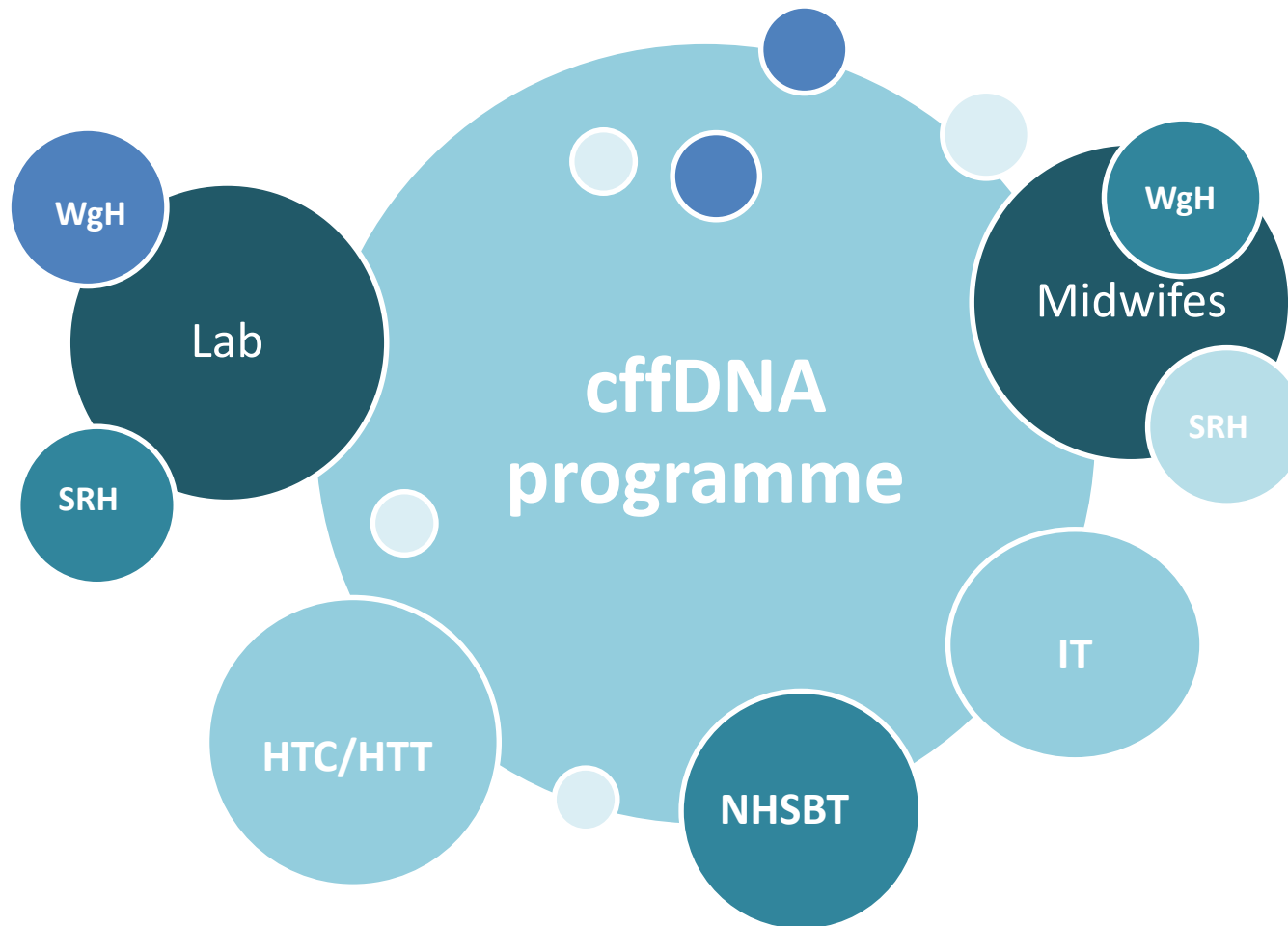


Subsequent management of pregnancy



Delivery

How did we do it?



Teamwork

Planning

Education

What were the learning points?

Lab

Midwives



ANC

CLS

CMO

EPAC

ANCDU

Misc

Patient

Was it successful?

- Yes
- However there have been some issues
- So far we have had
 - 5 samples go missing
 - Some SHOTs
 - A couple of interesting cases

What have we gained from the programme?

- Enhanced communication between departments
- BMS empowerment
- An improved collaborative care pathway for the management of RhD negative pregnancies
- Pride

So...

WOULD WE RECOMMEND IT?



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