

# 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

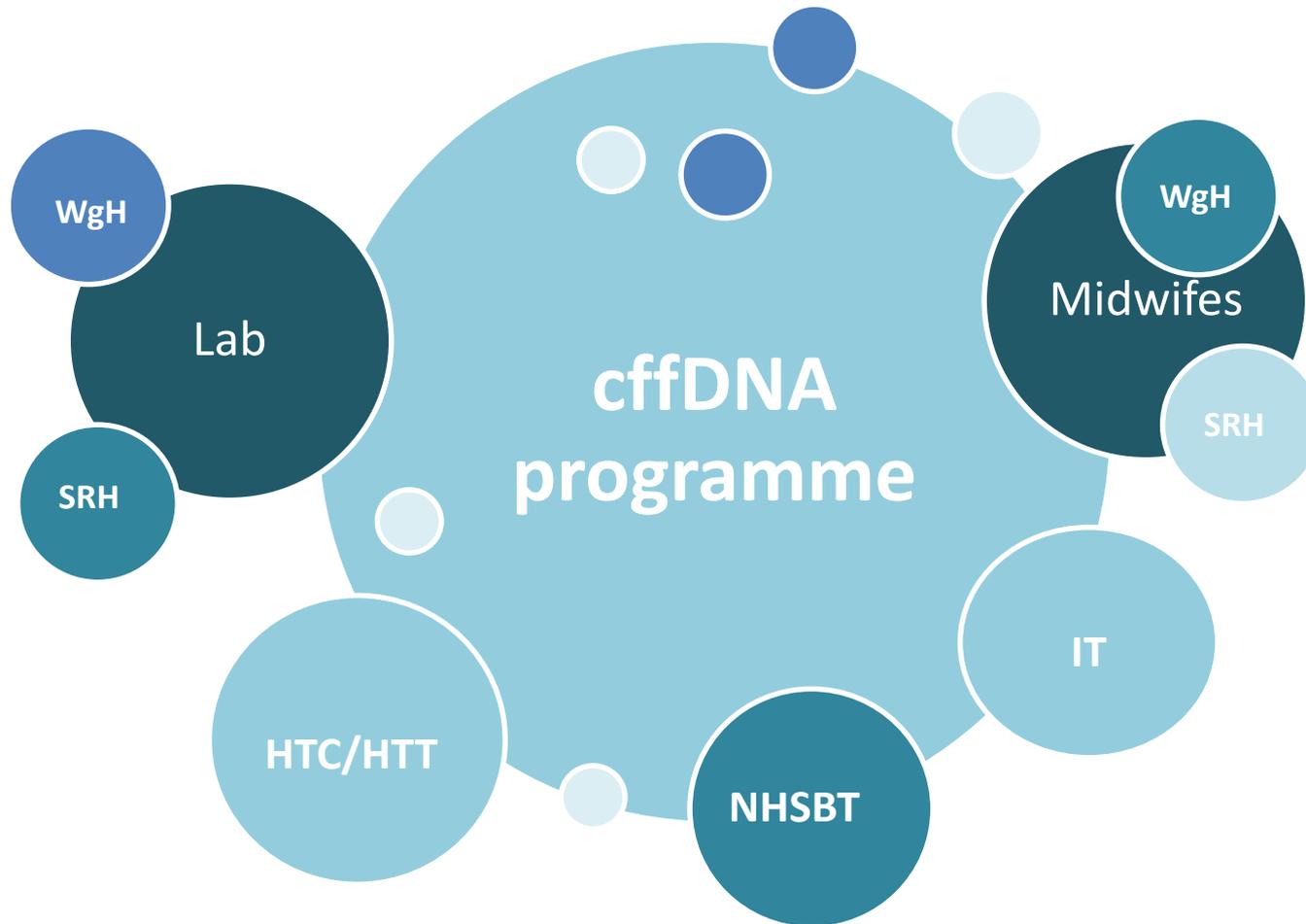


Subsequent management of pregnancy



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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