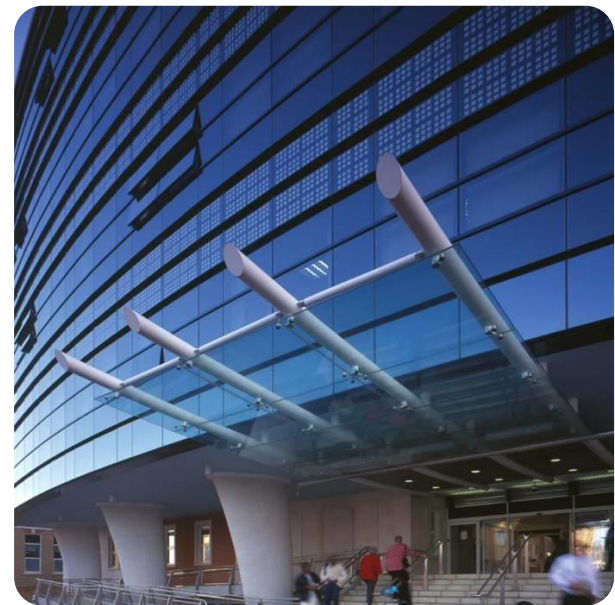


# PPH and MOH incidents review 2024

Bromley Health Scrutiny Sub-Committee submission  
July 2024



KING'S HEALTH PARTNERS

# Demographics

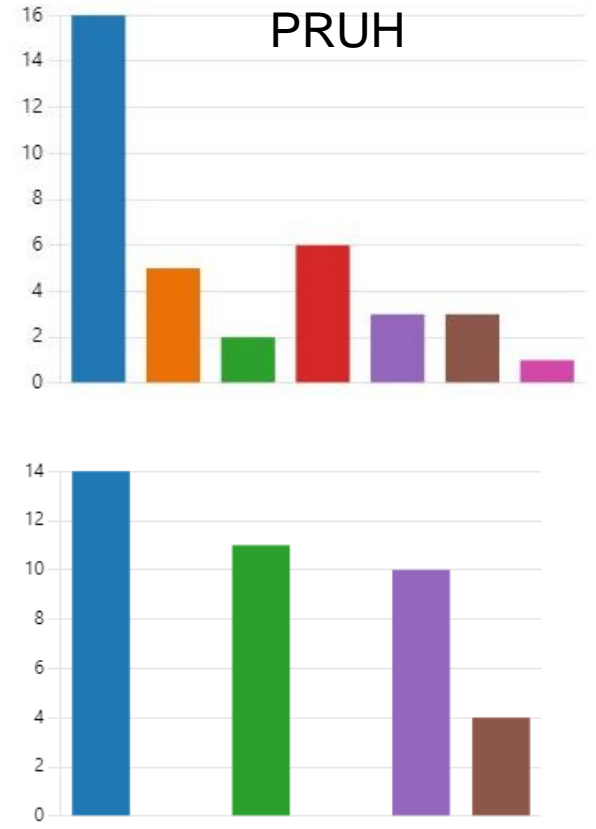
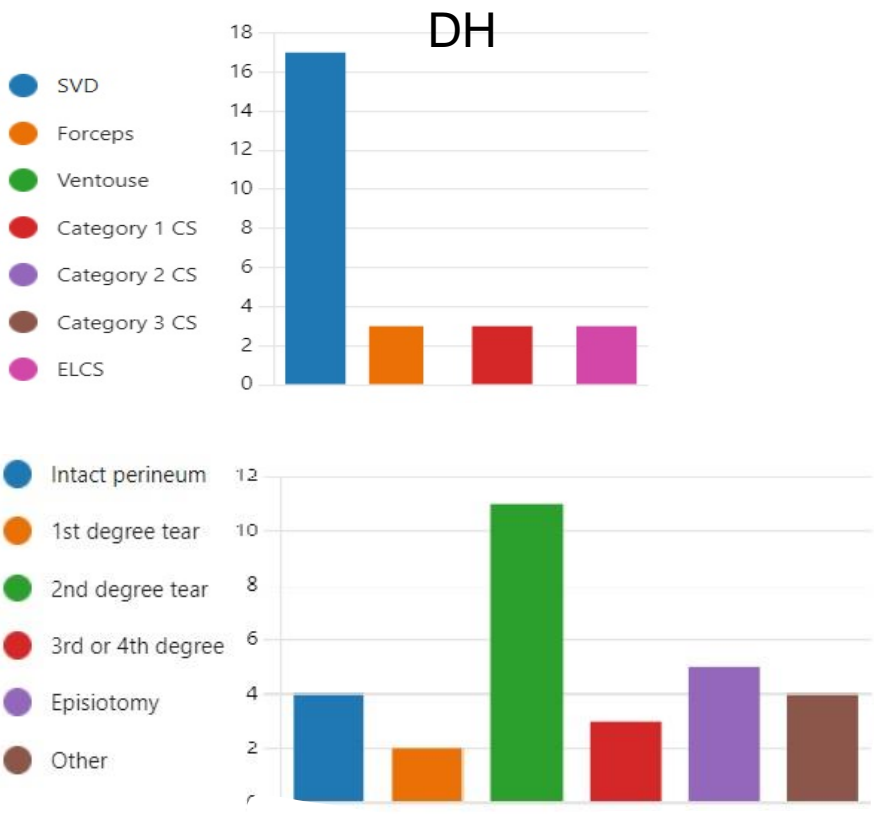
- DH

- From January to June 2024
- 26 incidents reviewed
- Ethnicity
  - 38% White
  - 27% Black
  - 23% Asian
  - 12% Mixed/Other
- Parity (following birth)
  - 46% P1
  - 39% P2
  - 15% P3 or more

- PRUH

- From January to June 2024
- 36 incidents reviewed
- Ethnicity
  - 53% White
  - 29% Black
  - 15% Asian
  - 3% Mixed/Other
- Parity (following birth)
  - 47% P1
  - 36% P2
  - 3% P3 or more

# Obstetric history

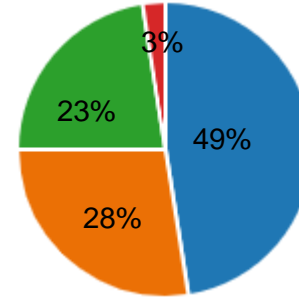


- < 1.5 litres: 23% DH 52% PRUH
- Between 1.5 and 2 litres: 31% DH 20% PRUH
- >2 litres: 23% DH 19% PRUH
- > 3 litres: 12% DH 9% PRUH

# Risk factors and Causes - PRUH

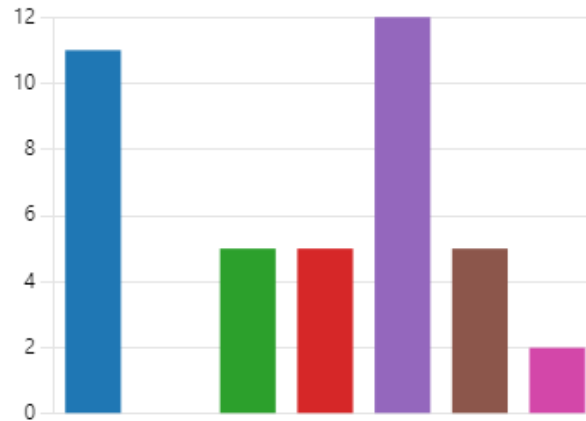
## - Causes of PPH

<span style="color: blue;">●</span> Atony	19
<span style="color: orange;">●</span> Tissue	11
<span style="color: green;">●</span> Trauma	9
<span style="color: red;">●</span> Thrombin	1



## - Intrapartum Risk Factors

<span style="color: blue;">●</span> IOL	11
<span style="color: orange;">●</span> Prolonged stage of labour	0
<span style="color: green;">●</span> Syntocinon infusion	5
<span style="color: red;">●</span> Precipitate labour	5
<span style="color: purple;">●</span> LSCS	12
<span style="color: brown;">●</span> Operative birth	5
<span style="color: pink;">●</span> Other	2

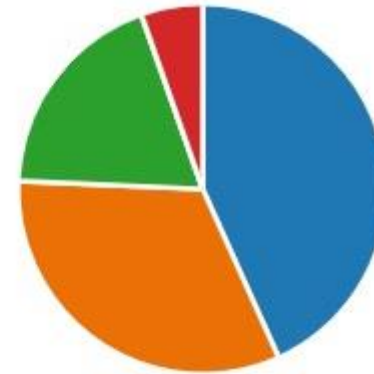
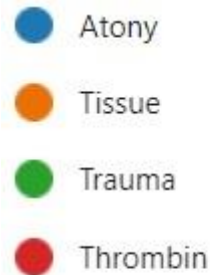


## - Top 3 antenatal risk factors:

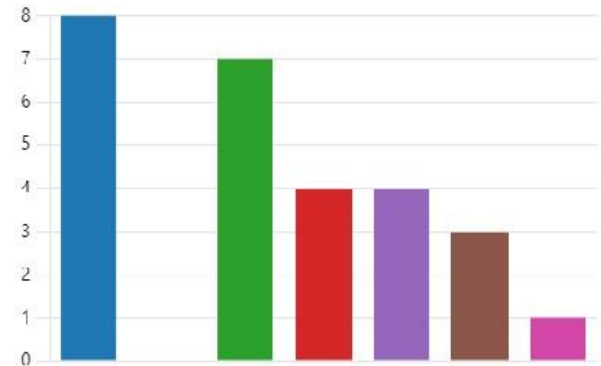
- Maternal age above 35 42%
- Pre-Eclampsia/Hypertension 25%
- Uterine abnormalities i.e. fibroids 17%

# Risk factors and Causes - DH

- **Cause of bleeding:**



- **Intrapartum risks factors:**



- **Top 3 antenatal risk factors:**

- Maternal age above 35 (30%)
- Uterine abnormalities i.e. fibroids (15%)
- Previous PPH (12%)

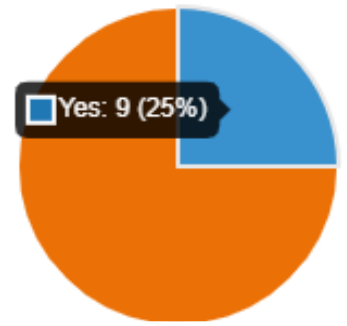
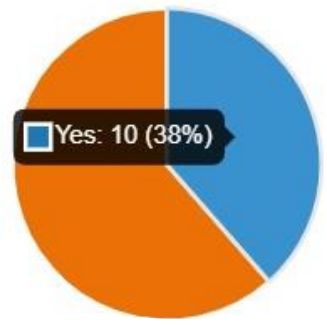
# Management of PPH

DH

PRUH

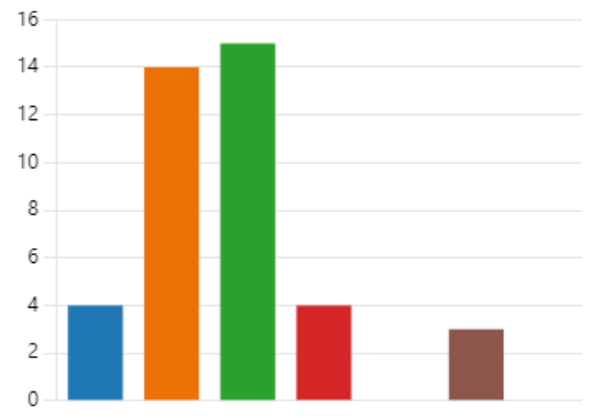
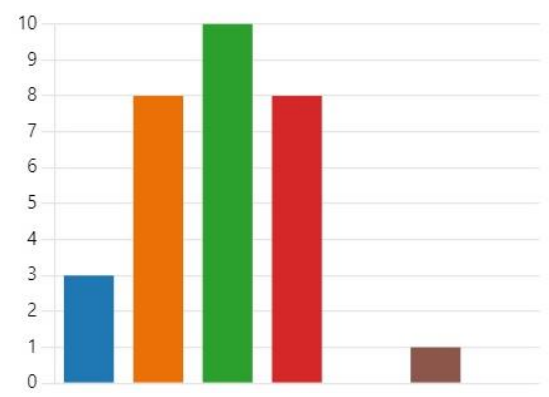
Requirement for MROP

- Yes
- No



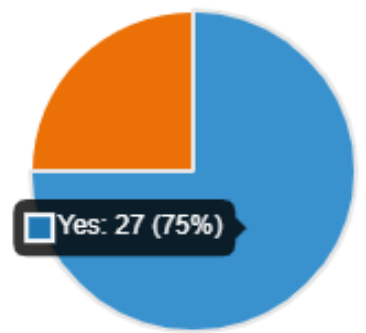
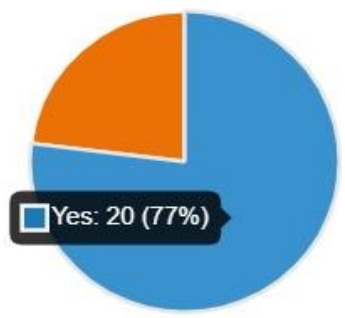
Anaesthesia

- Entonox
- Epidural
- Spinal
- GA
- All of the above
- None of the above
- Other

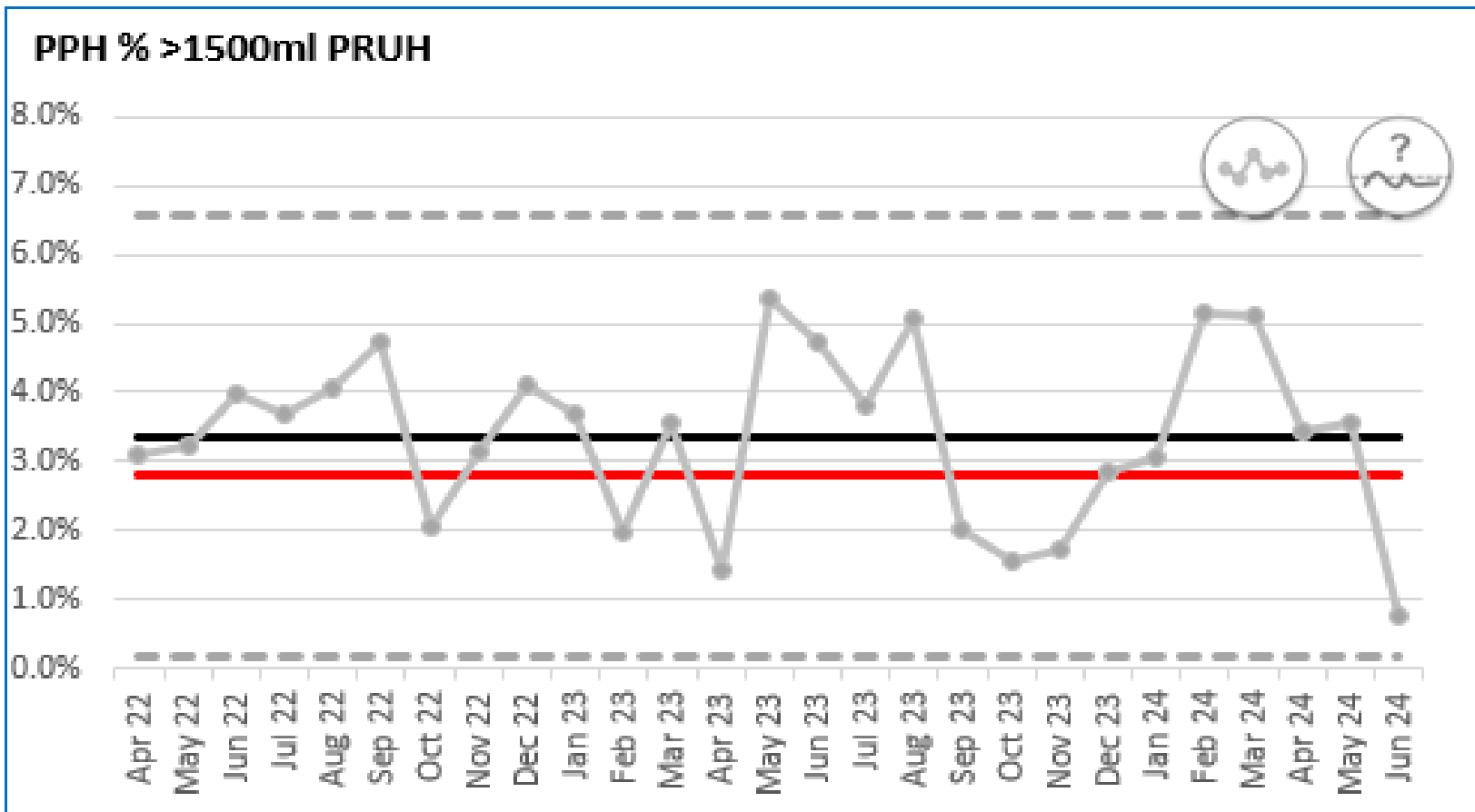


Requirement for Theatre

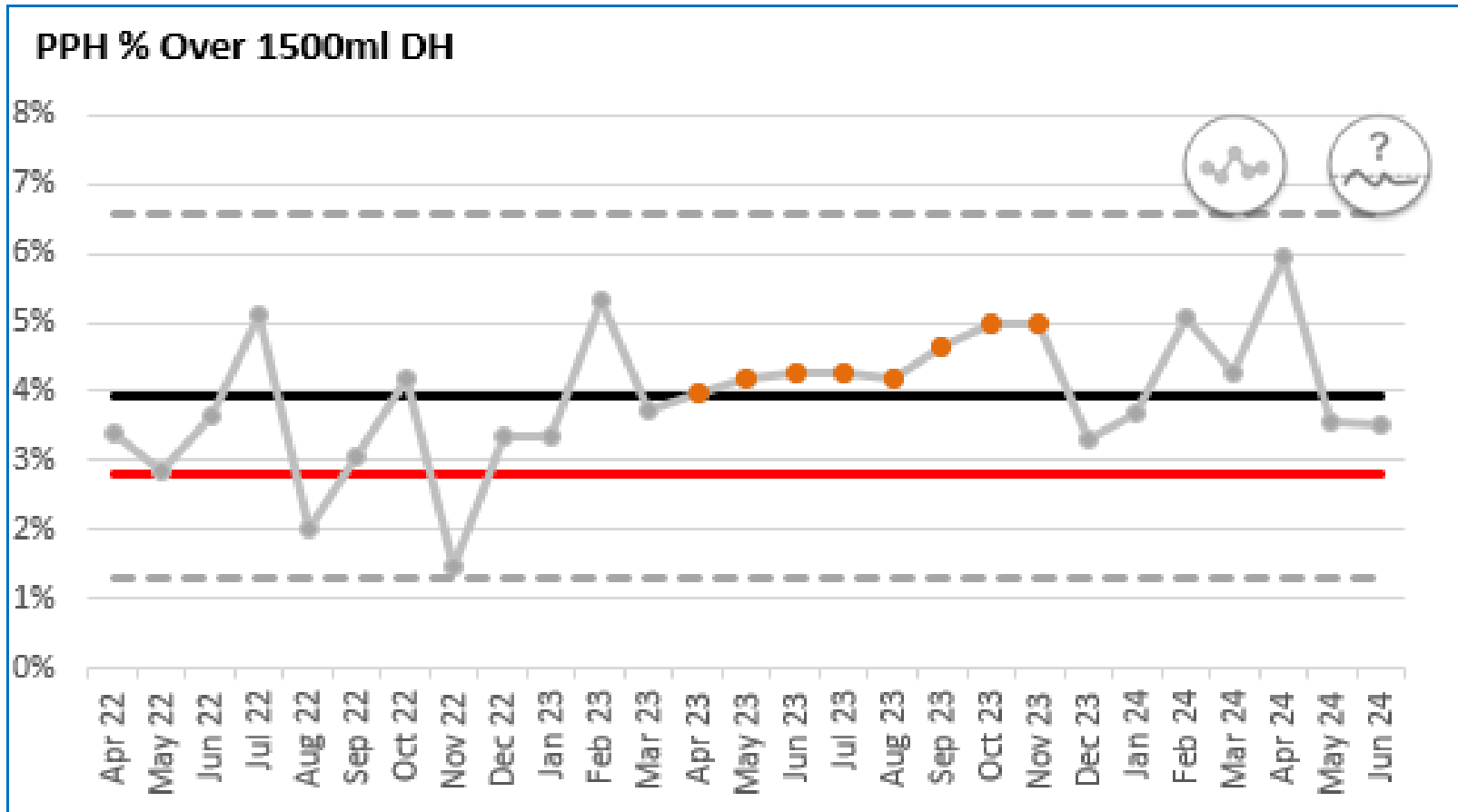
- Yes
- No



# PPH >1500mls PRUH



# PPH >1500mls Denmark Hill





# January 23 – June 24 data

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
<b>DH &gt;500ml</b>	141	139	127	153	162	152	157	157	146	177	137	131	125	140	143	145	142	130
<b>DH &gt;1500</b>	11	19	12	13	15	14	18	14	16	20	12	13	12	17	15	22	13	11
<b>DH Total Births</b>	331	324	327	330	342	333	346	339	326	365	354	339	324	335	350	370	367	312
<b>DH &gt;500ml</b>	42.60%	42.90%	38.84%	46.36%	47.37%	45.65%	45.38%	46.31%	44.79%	48.49%	38.70%	38.64%	38.58%	41.79%	40.86%	39.19%	38.69%	41.67%
<b>DH &gt;1500</b>	3.32%	5.86%	3.67%	3.94%	4.39%	4.20%	5.20%	4.13%	4.91%	5.48%	3.39%	3.83%	3.70%	5.07%	4.29%	5.95%	3.54%	3.53%
<b>PRUH &gt;500ml</b>	135	123	130	129	136	142	155	136	142	109	121	132	107	108	116	97	116	96
<b>PRUH &gt;1500ml</b>	11	7	11	4	18	17	21	21	8	5	6	8	8	14	16	10	10	2
<b>PRUH Total Births</b>	301	256	314	286	338	318	315	300	303	323	286	280	262	272	313	291	278	264
<b>PRUH &gt;500ml</b>	44.85%	48.05%	41.40%	45.10%	40.24%	44.65%	49.21%	45.33%	46.86%	33.75%	42.31%	47.14%	40.84%	39.71%	37.06%	33.33%	41.73%	36.36%
<b>PRUH &gt;1500ml</b>	3.65%	2.73%	3.50%	1.40%	5.33%	5.35%	6.67%	7.00%	2.64%	1.55%	2.10%	2.86%	3.05%	5.15%	5.11%	3.44%	3.60%	0.76%

# Conclusions

- Overall, we manage and escalate PPH's appropriately
- At both sites, Maternal Age >35 years was the most prevalent AN risk factor
- Learning – all debriefs must be documented at present on average around 50% is evident in digital records.
- In comparison to the SEL Local maternity and neonatal system, the trust is not an outlier and the learning is shared at 6 weekly system wide learning.

## Key learning:

1. Most relevant risk factors in the AN period: maternal age, hypertension, uterine anomalies (eg fibroids)
2. Overall, all cases have been managed appropriately including timely escalation
3. We can evidence 50% of cases that have had a debrief and this is what the service needs to improve on to show 100% of women have had a debrief.

Next step: to audit again in 6-9 months. (January 2025).