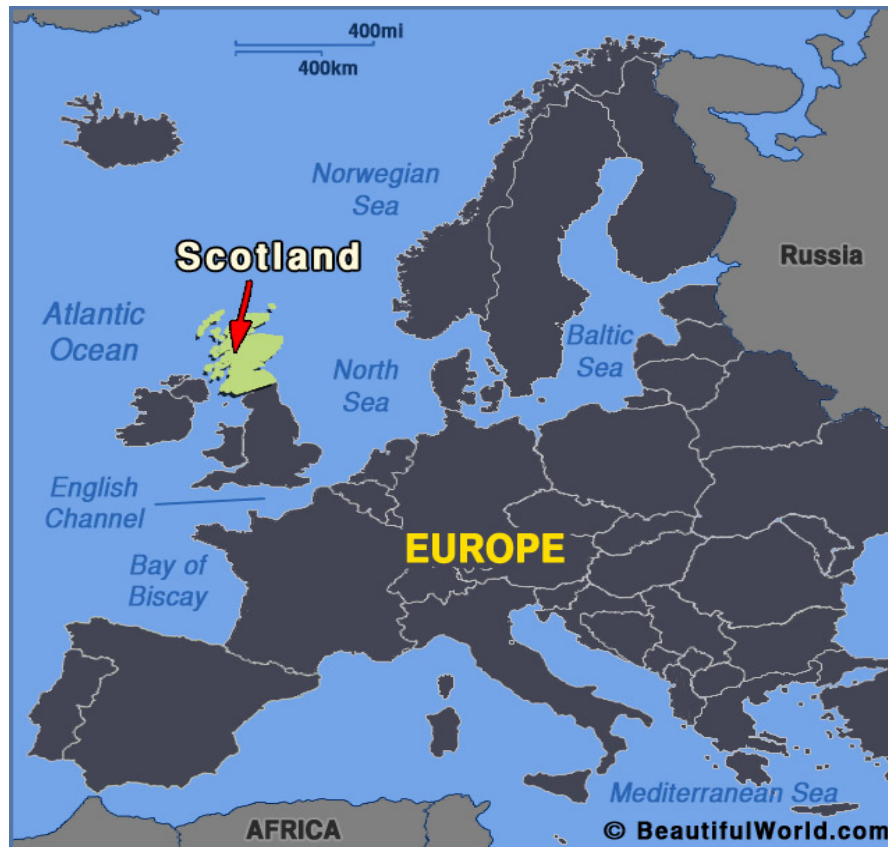


Comparison of two low sensitivity urinary pregnancy tests (1000IU) used for the self assessment of the success of early medical abortion

Dr Sarah Millar

Dr Sharon Cameron

Edinburgh, Scotland



- 72% \leq 9 weeks gestation
- Majority have EMA and pass the pregnancy at home

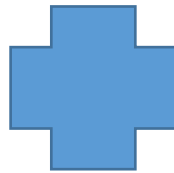
Follow up after early medical abortion





Chalmers Centre, Edinburgh

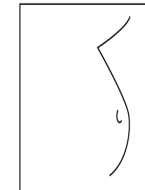
“Self assessment” after EMA



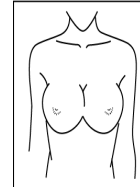
Please remember you might still be pregnant if you have any of the following:



Please contact us if you have not bled within 24 hours of treatment or if you have less than 4 days of bleeding, or:



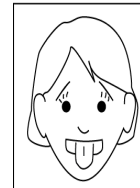
Tummy growing, or:



Tender breasts, or:



You do not have a period by 1 month after treatment.



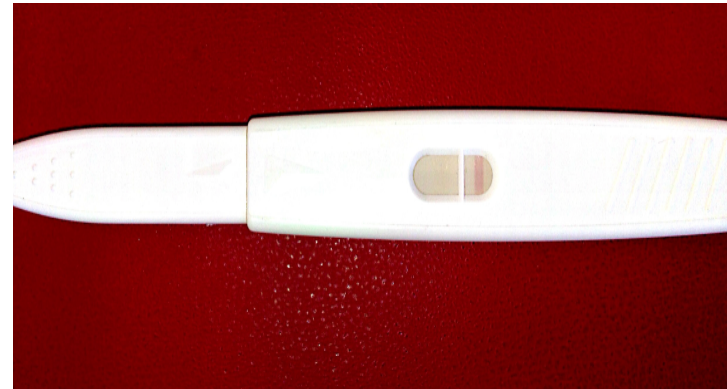
Feeling sick, or:

Low sensitivity urinary pregnancy tests (LSUP)

- Before October 2014 Babycheck- 1 duo



- After October 2014 Check4



Quadragech diagnostics,UK

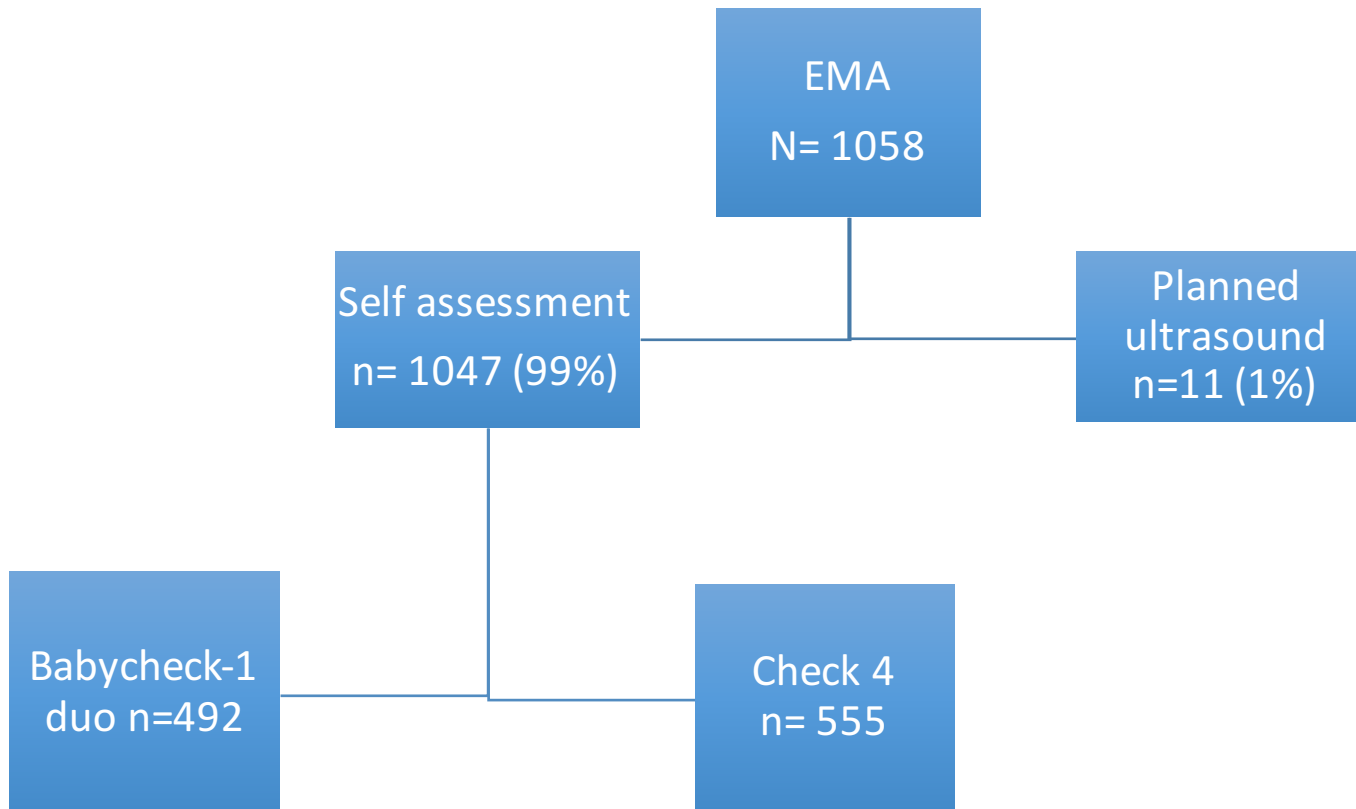
AIMS

- To determine whether the single window Check4 Pregnancy low sensitivity urinary pregnancy test (LSUP);
 - a) improves the detection of ongoing pregnancies when compared with the double window Babycheck-1 duo and
 - b) if there are any differences in reported invalid/inconclusive or positive results between the two tests.

METHODS

- Retrospective database review
- 10 months before and 10 months after introduction of the new LSUP.
- National computerized sexual health and regional computerized hospital records.
- Demographics, positive or invalid tests, ongoing pregnancies.

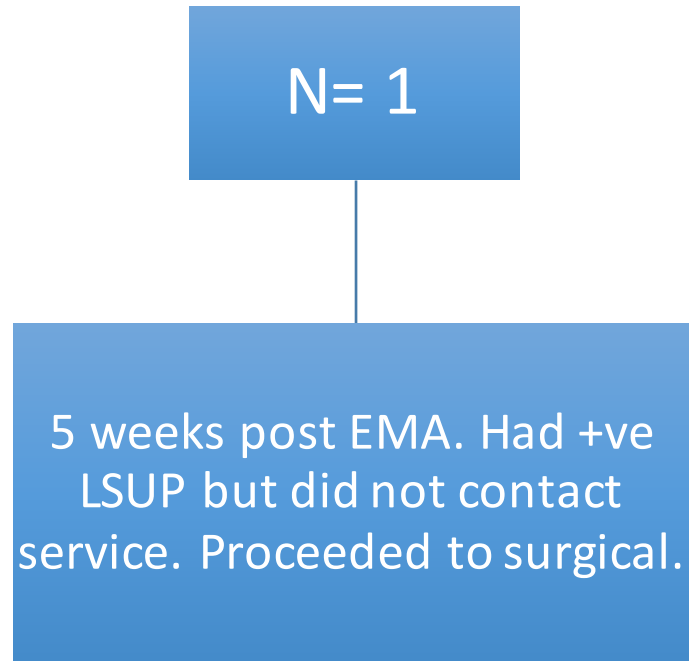
RESULTS



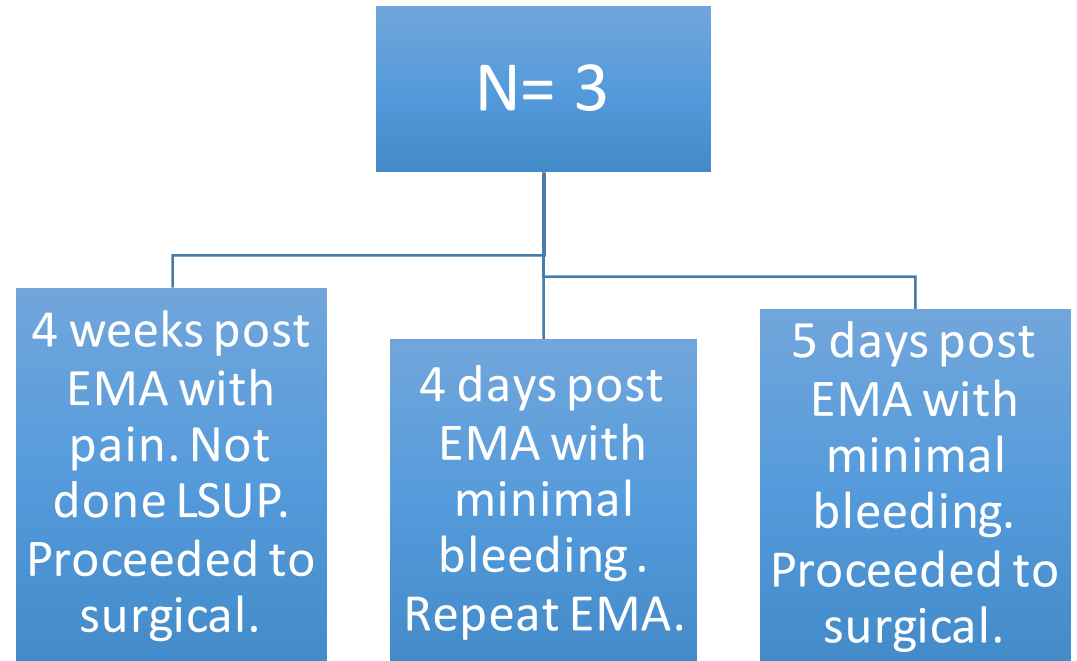
	Babycheck-1 duo LSUP N= 492	Check4 LSUP N=555
Age (years) range	16-47	16-47
Mean (SD)	26.7 (6.7%)	27.0 (6.7%)
Gestation (days)		
<49	345 (70%)	383 (69%)
50-56	89 (18%)	108 (19%)
57-63	57 (12%)	64 (12%)
>64	1 (0.2%)	0 (0%)
Reproductive history		
Previous birth	210 (43%)	207 (37%)
Previous abortion	158 (32%)	190 (34%)
Nulliparous	193 (39%)	252 (51%)

RESULTS – ONGOING PREGNANCIES

Babycheck-1 duo

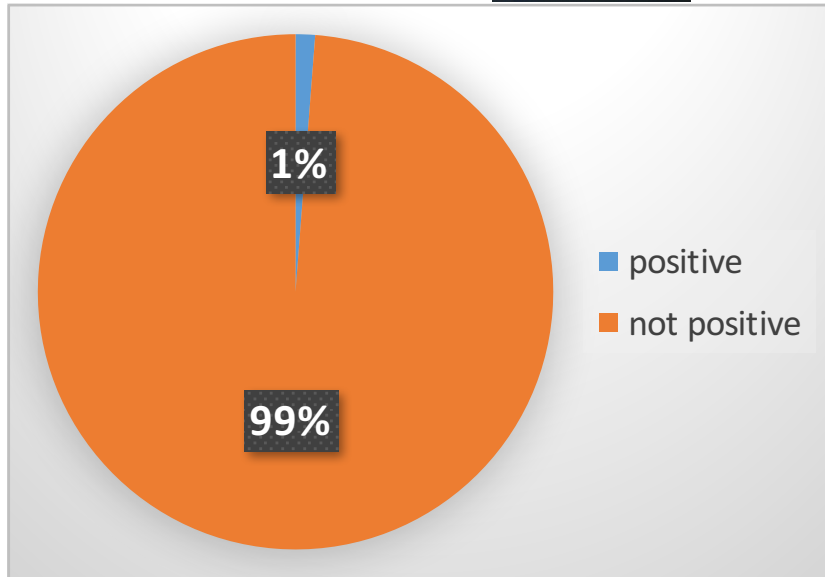


Check4

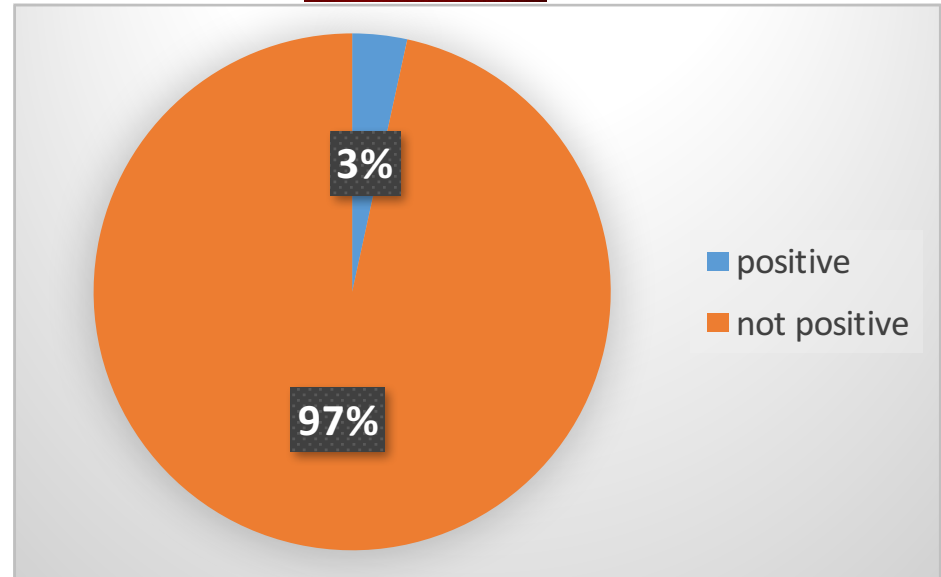


RESULTS – POSITIVE TESTS

Babycheck-1 duo



Check 4

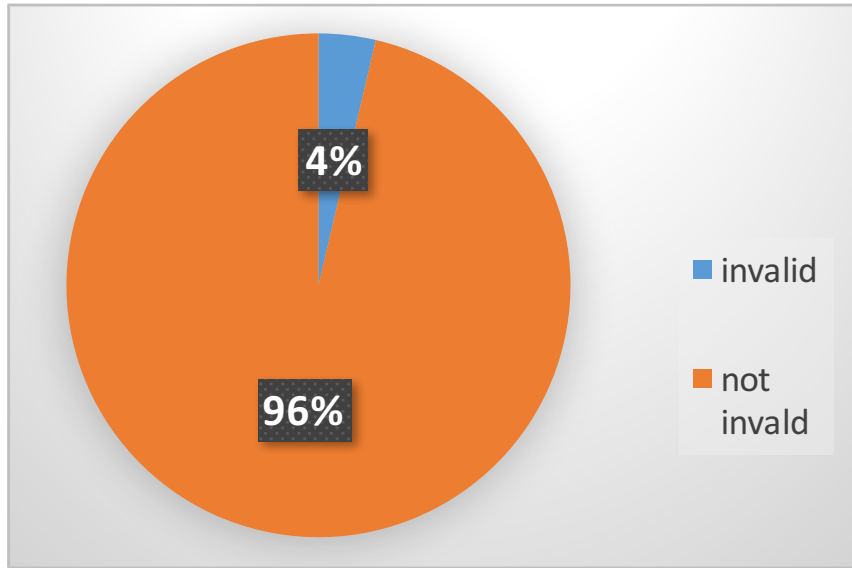


1 ongoing pregnancy
20% rpoC on ultrasound

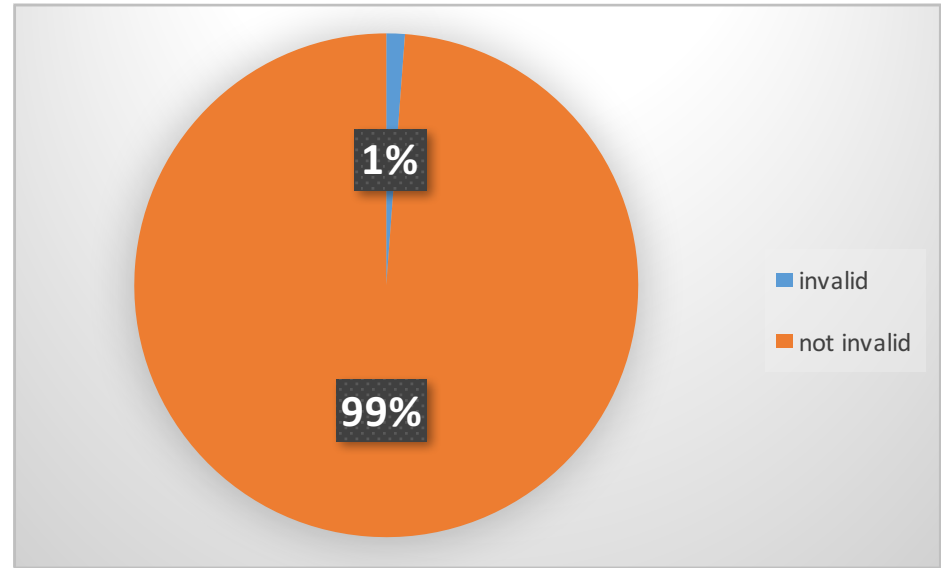
P=0.0244

RESULTS – INVALID/INCONCLUSIVE TESTS

Babycheck-1 duo



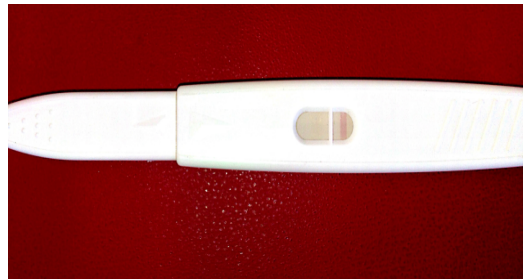
Check 4



P= 0.0064

DISCUSSION

- Introduction of Check4 LSUP not altered detection rate of ongoing pregnancies
- Ongoing pregnancies can be detected before LSUP if woman recognises signs & symptoms.
- Services should provide CLEAR information on self assessment.
- Differences in invalid and positive results between the tests
- Check4 *probably* easier to use & interpret compared with babycheck-1 duo.



ACKNOWLEDGMENTS

- We are grateful to Anne Johnstone (research nurses) for assistance with data collection.