Reduction in laboratory defined contamination rate using the Peezy PE50 device has been shown. There is scope for using Peezy to reduce false positive dip tests in initial urine collection but further studies need to be conducted. There is potential for further use of Peezy in collecting all future obstetric MSUs as it improves diagnostic accuracy and is cost-effective.

5% positive culture rate.

\[ = 95.5\% \text{ false positive rate and treated unnecessarily.} \]

\[ = £25,847 \text{ /year spent on contaminated dipstick samples.} \]

[0x0] = £2088/year spent on laboratory defined contaminated samples.

Study results

A reduction in laboratory contamination to 2.5% · 70% found the Peezy PE50 user friendly.

Conclusion

Reduction in laboratory defined contamination rate using the Peezy PE50 device has been shown. There is scope for using Peezy to reduce false positive dip tests in initial urine collection but further studies need to be conducted. There is potential for further use of Peezy in collecting all future obstetric MSUs as it improves diagnostic accuracy and is cost-effective.