Title:  Point-of-Care Urine Drug Testing Kits: Clinical and Cost Effectiveness and Guidelines for Use

Date: 01 May 2008

Research questions:

1. Is there evidence supporting the accuracy and specificity of point-of-care (POC) urine drug test screening kits?

2. What is the cost-effectiveness of POC urine drug test screening kits?

3. Which urine drug test screening kits include testing components for the methadone metabolite (EDDP) and oxycodone?

4. What are the guidelines for use of POC urine drug test screening kits?

Methods:

A limited literature search was conducted on key health technology assessment resources, including Pubmed, The Cochrane Library (Issue 1, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2003 and April 2008, and are limited to English language publications only. No filters were applied to limit the retrieval by study type. Internet links are provided, where available.

Results:

HTIS reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews and meta-analyses are presented first. These are followed by economic evaluations, randomized controlled trials, observational studies and evidence-based guidelines.
Eight observational studies and one evidence-based guideline were identified from the literature search results. No relevant health technology assessments, systematic reviews, meta-analyses, economic evaluations or randomized controlled trials were identified. Additional articles of interest may be found in the Appendix.

Health technology assessments
No literature identified

Systematic reviews and meta-analyses
No literature identified

Economic analyses and cost information
No literature identified

Randomized controlled trials
No literature identified

Observational studies


Guidelines and recommendations


   Note: see Point-of-Care Testing, page 19

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Appendix – Further information:

Note: see Point-of-care Testing, page 9