Title: Estrogens and Tricyclic Antidepressants for Stress Urinary Incontinence: Guidelines, Clinical and Cost-Effectiveness

Date: 13 November 2007

Research question:

1. What is the clinical benefit and harm of using estrogens for patients with stress urinary incontinence (SUI)?
2. What is the clinical benefit and harm of using tricyclic antidepressants for patients with SUI?
3. What is the cost-effectiveness of using estrogens for patients with SUI?
4. What is the cost-effectiveness of using tricyclic antidepressants for patients with SUI?
5. What are the guidelines for using estrogens for patients with SUI?
6. What are the guidelines for using tricyclic antidepressants for patients with SUI?
7. What Canadian and international advisories have been released regarding the use of estrogens with SUI?
8. What Canadian and international advisories have been released regarding the use of tricyclic antidepressants with SUI?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 4, 2007), 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 2002 and the present, and are limited to English language publications only. Filters were applied to limit the retrieval to HTA/systematic reviews, guidelines, economic evaluations, and randomized controlled trials. Internet links are provided, where available.

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Results:

The results are listed below and additional references of interest are included in the attached appendix. No relevant health technology assessments, economic evaluations, or advisories were identified in the literature search.

Health technology assessments

No literature identified.

Systematic reviews and meta-analyses


Economic analyses and cost information

No literature identified.

Randomized controlled trials


Guidelines and recommendations


Note: See “Stress urinary incontinence” p. 35
   Note: See Continence chapter: p. 69

   Note: See “Urogenital Symptoms” p. 3

   Note: See “Pharmacologic Options for Stress Incontinence” p. 7

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Appendix – Further information:

Observational studies


Review articles


Additional references


*Note: Stress urinary incontinence not specified with reference to possible pharmacologic management.*