



TITLE: Fluconazole Administration for the Treatment of Ductal Yeast Infections: Clinical Effectiveness and Safety

DATE: 09 December 2013

RESEARCH QUESTIONS

1. What is the clinical evidence for the effectiveness of six-week fluconazole administration for the treatment of ductal yeast infections in breastfeeding mothers?
2. What is the short- and long-term safety of six-week fluconazole administration for the treatment of ductal yeast infections in breastfeeding mothers?

KEY MESSAGE

No health technology assessments, systematic reviews, randomized controlled trials, or non-randomized studies were identified regarding the clinical effectiveness or safety of fluconazole for the treatment of ductal yeast infections in breastfeeding mothers.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2013, Issue 11), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. The search was also limited to English language documents published between January 1, 1994 and November 28, 2013. Internet links were provided, where available.

The summary of findings was prepared from the abstracts of the relevant information. Please note that data contained in abstracts may not always be an accurate reflection of the data contained within the full article.

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RESULTS

Rapid Response 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 randomized controlled trials and non-randomized studies.

No health technology assessments, systematic reviews, randomized controlled trials, or non-randomized studies were identified regarding the clinical effectiveness or safety of fluconazole for the treatment of ductal yeast infections in breastfeeding mothers.

References of potential interest are provided in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was found regarding the clinical effectiveness or safety of fluconazole for the treatment of ductal yeast infections in breastfeeding mothers, therefore no summary can be provided.

REFERENCES SUMMARIZED

Health Technology Assessments

No literature identified.

Systematic Reviews and Meta-analyses

No literature identified.

Randomized Controlled Trials

No literature identified.

Non-Randomized Studies

No literature identified.

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APPENDIX – FURTHER INFORMATION:

Review Articles

1. Kaufman DA. Challenging issues in neonatal candidiasis. *Curr Med Res Opin.* 2010 Jul;26(7):1769-78.
[PubMed: PM20513206](#)

Additional References

2. UK Medicines Information (UKMi). Can oral fluconazole be used with breastfeeding? Leicester (UK): Trent Medicines Information Centre; 2012. Available from: http://www.medicinesresources.nhs.uk/upload/documents/Evidence/Medicines%20Q%20&%20A/QA96-2_FluconazoleBM_final.doc
3. National Institute for Health and Care Excellence (NICE). Breastfeeding problems [Internet]. London: NICE; 2011 Feb. [cited 2013 Dec 5]. (Clinical Knowledge Summaries). Available from: <http://cks.nice.org.uk/breastfeeding-problems#!scenariorecommendation:8>
4. Brent NB. Thrush in the breastfeeding dyad: results of a survey on diagnosis and treatment. *Clin Pediatr (Phila)*. 2001 Sep;40(9):503-6.
[PubMed: PM11583049](#)
5. Spencer JP, Gonzalez LS, Barnhart DJ. Medications in breast-feeding mother. *Am Fam Physician* [Internet]. 2001 [cited 2013 Dec 5];64(1):119-27. Available from: <http://www.aafp.org/afp/2001/0701/p119.html>