

**NLM Citation:** Drugs and Lactation Database (LactMed) [Internet].

Bethesda (MD): National Library of Medicine (US); 2006-.

Thiethylperazine. [Updated 2018 Oct 31].

Bookshelf URL: https://www.ncbi.nlm.nih.gov/books/



# **Thiethylperazine**

Revised: October 31, 2018.

CASRN: 1420-55-9

# **Drug Levels and Effects**

## **Summary of Use during Lactation**

Based on minimal excretion of other phenothiazine derivatives, it appears that occasional short-term use of thiethylperazine for the treatment of nausea and vomiting poses little risk to the breastfed infant.

## **Drug Levels**

Maternal Levels. Relevant published information was not found as of the revision date.

Infant Levels. Relevant published information was not found as of the revision date.

#### **Effects in Breastfed Infants**

Relevant published information was not found as of the revision date.

**Disclaimer:** Information presented in this database is not meant as a substitute for professional judgment. You should consult your healthcare provider for breastfeeding advice related to your particular situation. The U.S. government does not warrant or assume any liability or responsibility for the accuracy or completeness of the information on this Site .

#### **Effects on Lactation and Breastmilk**

Phenothiazines cause galactorrhea in 26 to 40% of female patients.[1][2] Hyperprolactinemia appears to be the cause of the galactorrhea.[3][4][5] The hyperprolactinemia is caused by the drug's dopamine-blocking action in the tuberoinfundibular pathway.[6]

#### References

- 1. Polishuk WZ, Kulcsar S. Effects of chlorpromazine on pituitary function. J Clin Endocrinol Metab. 1956;16:292-3. PubMed PMID: 13286329.
- 2. Hooper JH Jr, Welch VC, Shackelford RT. Abnormal lactation associated with tranquilizing drug therapy. JAMA. 1961;178:506-7. PubMed PMID: 14448766.
- 3. Turkington RW. Prolactin secretion in patients treated with various drugs: phenothiazines, tricyclic antidepressants, reserpine, and methyldopa. Arch Intern Med. 1972;130:349-54. PubMed PMID: 4560178.
- 4. Turkington RW. Serum prolactin levels in patients with gynecomastia. J Clin Endocrinol Metab. 1972;34:62-6. PubMed PMID: 5061776.
- 5. Meltzer HY, Fang VS. The effect of neuroleptics on serum prolactin in schizophrenic patients. Arch Gen Psychiatry. 1976;33:279-86. PubMed PMID: 1259521.
- 6. Maguire GA. Prolactin elevation with antipsychotic medications: mechanisms of action and clinical consequences. J Clin Psychiatry. 2002;63(suppl 4):56-62. PubMed PMID: 11913677.

### **Substance Identification**

### **Substance Name**

Thiethylperazine

## **CAS Registry Number**

1420-55-9

### **Drug Class**

**Breast Feeding** 

Lactation

**Antiemetics** 

Phenothiazines

Gastrointestinal Agents