



## Deep Brain Stimulation

Revised: December 3, 2018.

### Drug Levels and Effects

#### Summary of Use during Lactation

Evidence from a few mothers who received deep brain stimulation indicated that no difficulty was encountered with lactation, other than minor discomfort with chest neurostimulators.

#### Effects in Breastfed Infants

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

#### Effects on Lactation and Breastmilk

In a case series of pregnant patients treated for dystonia with deep brain stimulation (DBS), 4 of 5 mothers breastfed their 6 infants (1 set of twins and 2 siblings) with no apparent difficulty. One mother chose not to breastfeed, unrelated to DBS. Two mothers reported minor discomfort during breastfeeding with chest neurostimulators.[1]

#### References

1. Ziman N, Coleman RR, Starr PA et al. Pregnancy in a series of dystonia patients treated with deep brain stimulation: Outcomes and management recommendations. *Stereotact Funct Neurosurg.* 2016;94:60-5. PubMed PMID: 26977859.

### Substance Identification

#### Substance Name

Deep Brain Stimulation

#### Drug Class

Breast Feeding

Lactation

## Electric Stimulation Therapy