



Ferumoxytol

Revised: December 3, 2018.

CASRN: 722492-56-0

Drug Levels and Effects

Summary of Use during Lactation

No information is available on the use of ferumoxytol during breastfeeding; however, the drug has been given safely to neonates intravenously.[1][2][3] An alternate intravenous iron product with more published data on breastfeeding available may be preferred. Pasteurization of milk by the Holder method reduces the concentration of iron in milk by about 6.5%.[4]

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.

Effects on Lactation and Breastmilk

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

Alternate Drugs to Consider

(Intravenous Iron Therapy) [Ferric Carboxymaltose](#), [Iron Sucrose](#)

References

1. Ning P, Zucker EJ, Wong P et al. Hemodynamic safety and efficacy of ferumoxytol as an intravenous contrast agents in pediatric patients and young adults. *Magn Reson Imaging*. 2016;34:152-8. PubMed PMID: 26518061.
2. Han F, Rapacchi S, Khan S et al. Four-dimensional, multiphase, steady-state imaging with contrast enhancement (MUSIC) in the heart: a feasibility study in children. *Magn Reson Med*. 2015;74:1042-9. PubMed PMID: 25302932.

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 .

3. Ruangwattanapaisarn N, Hsiao A, Vasanawala SS. Ferumoxytol as an off-label contrast agent in body 3T MR angiography: a pilot study in children. *Pediatr Radiol*. 2015;45:831-9. PubMed PMID: 25427433.
4. Mohd-Taufek N, Cartwright D, Davies M et al. The effect of pasteurization on trace elements in donor breast milk. *J Perinatol*. 2016;36:897-900. PubMed PMID: 27253894.

Substance Identification

Substance Name

Ferumoxytol

CAS Registry Number

722492-56-0

Drug Class

Breast Feeding

Lactation

Ferric Compounds

Hematinics