

Carbetocin

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Template:Infobox - medicine

Carbetocin is a derivative of oxytocin used in obstetrics to prevent uterine atony and postpartum hemorrhage after caesarean section with epidural or spinal anesthesia.< ref name=SPC/>

Mechanism of action

Carbetocin is an agonist of peripheral oxytocin receptors but is 50% more potent than endogenous or exogenous oxytocin.^[1]

Carbetocin also inhibits the release of endogenous oxytocin. It inhibits feedback from the uterus to the hypothalamus and thus blocks central oxytocin. Carbetocin has no effect on the uterus outside of pregnancy because oxytocin receptors are not present.^[2]

Contraindications

Carbetocin must not be used for labor induction, during pregnancy, in case of preeclampsia or eclampsia and severe cardiovascular diseases.

Links

Related Articles

- Oxytocin
- Drug affecting uterine activity

References

1. {{#switch: article |book = *Incomplete publication citation*. ENGSTRØM, T, T BARTH and P MELIN, et al1998. Also available from <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. |collection = *Incomplete citation of contribution in proceedings*. ENGSTRØM, T, T BARTH and P MELIN, et al. 1998. Also available from <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. {{ #if: |978-80-7262-438-6} } |article = *Incomplete article citation*. ENGSTRØM, T, T BARTH and P MELIN, et al. Oxytocin receptor binding and uterotonic activity of carbetocin and its metabolites following enzymatic degradation. 1998, year 1998, well. 2-3, also available from <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. ISSN 0014-2999. |web = *Incomplete site citation*. ENGSTRØM, T, T BARTH and P MELIN, et al. ©1998. <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. |cd = *Incomplete carrier citation*. ENGSTRØM, T, T BARTH and P MELIN, et al. ©1998. |db = *Incomplete database citation*. ©1998. <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. |corporate_literature = *Incomplete citation of company literature*. ENGSTRØM, T, T BARTH and P MELIN, et al. 1998. Also available from <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. legislative_document = *Incomplete citation of legislative document*. 1998. Also available from URL <https://www.ncbi.nlm.nih.gov/pubmed/9760035>. ISSN 0014-2999.
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