

Title of the teaching unit: Uterotonics and tocolytics

Importance of the teaching unit:

Knowledge of drugs affecting the uterine muscles in terms of stimulation or inhibition of their contractions.

Significant terms:

uterotonics

oxytocin and its derivatives

oxytocin

carbetocin

synthetic prostaglandins (prostanoids and their derivatives)

dinoprost, carboprost

dinoprostone

ergot alkaloids

methylergometrine (also methylergonovine)

tocolytics

β_2 agonists

terbutaline, hexoprenaline

Ca²⁺ channel blockers

nifedipine, nitrendipine

competitive oxytocin antagonist

atosiban

Learning outcomes

Student knows basic pharmacological profile (mode of action, unwanted effects, indications and contraindications) of uterotonics and tocolytics.

Study materials

Rang & Dale's Pharmacology, 8th edition, 2016, chapter 35, pp. 435-436

Study materials to VLFA07212c and VLFA07212p

Exam questions

Special pharmacology: 12. Uterotonics and tocolytics

Essential drugs: 32. hexoprenaline, 33. oxytocin