**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

β2 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