

## Title of the learning unit: Antimycotics

### Impact of the learning unit

The aim of the learning unit is to provide the basic knowledge about antimycotic drugs. Students will learn the mechanisms of action, typical adverse effects and basic indications of antifungal drugs.

### Relevant terms

polyenes

local

nystatin

natamycin

systemic

amphotericin B

azoles

local

clotrimazole

econazole

miconazole

ketoconazole

systemic

fluconazole

itraconazole

voriconazole

posaconazole

echinocandins

caspofungin

micafungin

allylamines

terbinafine

naftifin

ciklopiroxolamine

### Learning outcomes

Student knows the basic pharmacological profile (mechanism of action, side effects, indications and contraindications) of individual classes of antifungal agents.

Student knows significant interactions of antifungal agents with other drugs.

### Study literature

Rang & Dale's Pharmacology E - Book, Humphrey Rang 8th edition, 2016, chapter 53, p. 653 – 657

Study materials to subjects aVLFA0822c and aVLFA0822p.

### Exam questions

*Special pharmacology: 51. Antimycotics*

*“Essential” drugs:* 107. terbinafine; 108. caspofungin; 109. amphotericin B; 110. fluconazole