# MUNI MED

# **RULES OF DRUG PRESCRIPTION**

**Notes for Students** 

This study material is exclusively for students of general medicine and stomatology in Pharmacology I course. It contains only basic notes of discussed topics, which should be completed with more details and actual information during practical courses to make a complete material for test or exam studies. Which means that without your own notes from the lesson this presentation IS NOT SUFFICIENT for proper preparation for neither tests in practicals nor the final exam.

1 Department of Pharmacology

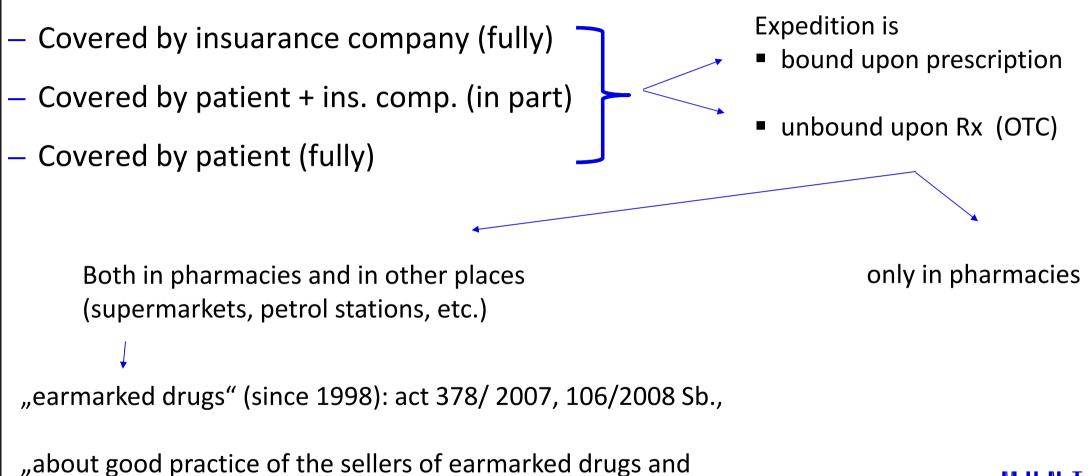
### o Individually prepared preparations (IPP):

 prepared in the pharmacies on the base of individual medical prescriptions

### • Ready-made drug preparations (RMP):

- o final preparations made by pharm. companies,
- ready to be issued by the pharmacy to patients without any further modifications

# **Drug preparations**



about the specialized education of sellers of earmarked drugs"

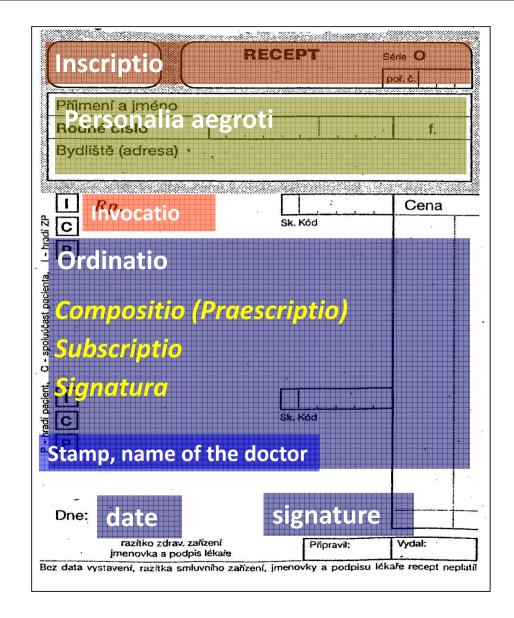
# **RULES FOR DRUG PRESCRIPTION**

- refers to the valid Pharmaceuticals Act 378/ 2007
- and from the related acts and regulations 54/2008 and 106/2008.

# PRESCRIPTION

- official document compiled in accordance with fixed rules.
  - written in Latin language
  - must have all parts filled up, must be legible
  - corrections should be signed by the physician
  - following the abbreviation corr. (correxit-corrected)
    - written in a non-erasible manner
    - max. 2 kinds of medicines/one form of Rx

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#### Inscriptio

the heading of the prescription

#### Personalia aegroti

patient s personal data (name, surname, birth number and domicile)

#### Invocatio

Induced by the abbreviation Rp. (recipe take).

#### Ordinatio

- the actual prescription of the healing preparation
  - = compositio + subscriptio + signatura

# **COMPOSITIO**

#### RMP

- the trade name in the nominative,
- specification of pharmaceutical dosage form,
- dose and package

#### IPP

- Iist of pharmacopoeial (officinal) names of substances in the genitive of singular
- + dosages and package

# **SUBSCRIPTIO**

- Instruction for the pharmacist
  - RMP how many packages should be issued
- 4th case sg. or pl.
- Expeditionem originalem numero unam Exp.orig.No.I
- Expeditiones originales numero duas Exp.orig.No.II (duas)
- IPP how the preparation should be made of the prescribed components
  Misce fiat (sg) Misce fiant (pl) mix to obtain ...
- Different dosage forms:
- - misce fiat pulvis
- M.f.pulv. , unguentum M.f.ung.
- solutio
- M.f.sol., oculoguttae M.f.oculogutt

# **SIGNATURA**

#### **D.S.**

#### **Detur (et) Signetur**

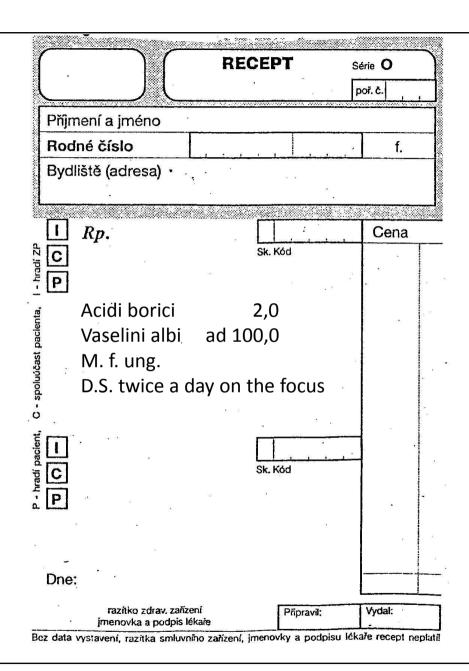
Exact use instruction for patient – dose, interval, where to apply

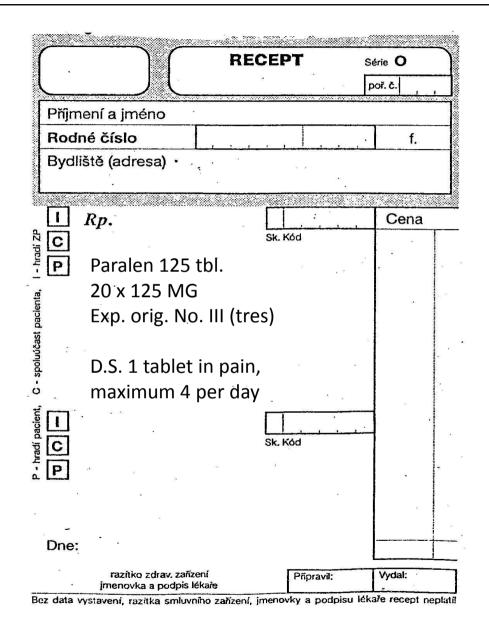
instructions how the preparation should be used by the patients.

D.S. 3 times a day 1 tbl.

#### date

- the stamp of the health facility
- the identification of the physician
- and the physician s personal signature





# Validity of prescription

- Common Rx 14 days
- ATB 5 days
- ATB topically 14 days
- Narcotics, Psychotropics
- 14 days
- Rx for repeated issue 6 moths, max 1 Year
- Rx issued by emergency next day after the Rx issue (= max. 48 h)
- Date Rx not valid if missing
- Validity may be prologned by physician

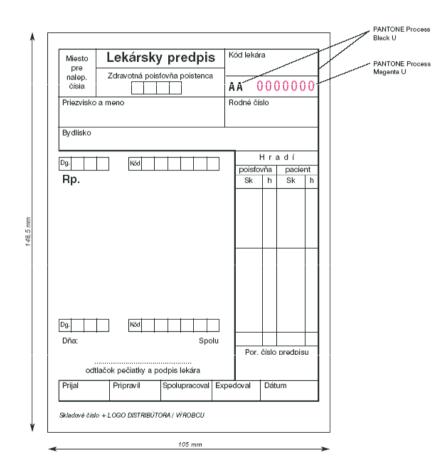
**Symbols in Rx formulary** 

! - when max. dose was exceeded

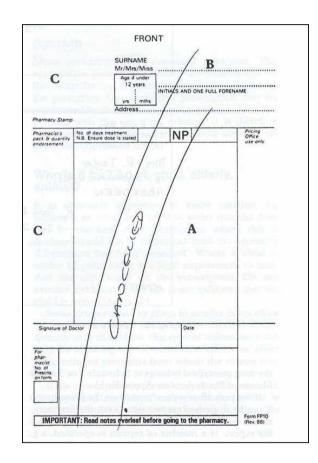
<sup>®</sup> - physician specify "not to be substituted with generic medicine"

"PERICULUM IN MORA" – emergency situation, when normal form is not available

### **Slovakia**



### UK



# Germany

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	(4. 1967)

# USA

	Robin Smith, M.D., F.A.C.P. Internal Medicine 11160 Warner Ave., Ste 209 Fountain Valley, CA 92708 Ph. (714) 549-4081 Fax (714) 735-8735 DEA #: AA3785 Lic #: A4564	1001-1
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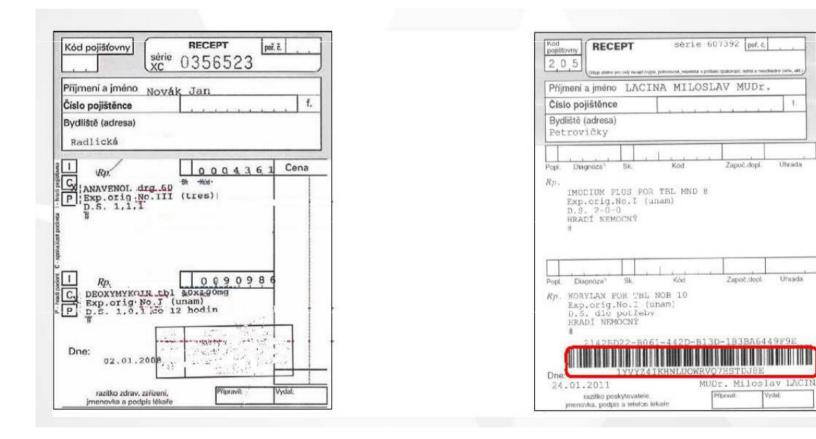
### Greece



# **Electronic Prescription**

- Physician
- Central server for data storage (SÚKL)
  - Pharmacy
  - Patient + his password/PIN

### **Common and E-prescription**



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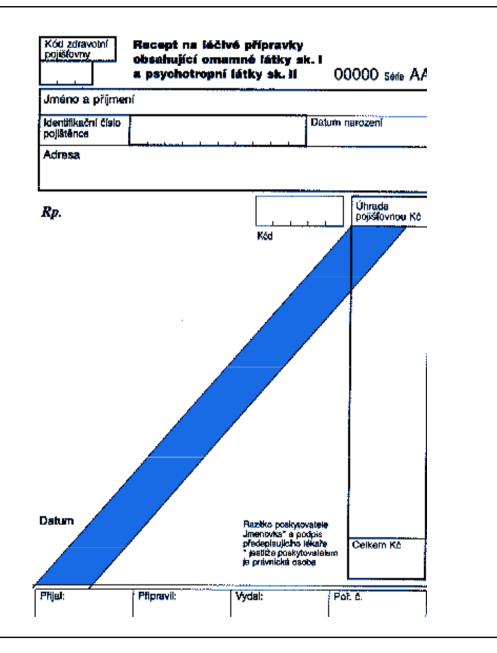
Uhrada

**Ulvada** 

Vydal:

### **Narcotics and psychotropic drugs**

blue band on the form very strict accounting three copies only one preparation 14 days of validity



# **Drug information databases**

EMA http://www.ema.europa.eu/ema/

Dynamed <u>http://web.ebscohost.com/dynamed/search/basic?sid=d3f0d39b-dd7c-4bab-9f4f-</u> <u>3478d4639a2e%40sessionmgr4008&vid=0&hid=4107</u>

Medicines.org.uk

Drugs.com https://www.drugs.com/

Micromedex http://www.thomsonhc.com/hcs/librarian

# **Drug information databases**

National databases

SÚKL <u>www.sukl.cz</u>

AISLP <u>www.aislp.cz</u>

**Pharmindex Remedia** 

Pharmindex Brevíř