

RULES OF THE DRUG PRESCRIPTION

PRESCRIPTION

- official document compiled in accordance with fixed rules.
- written in Latin
- 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/Rx

RULES OF DRUG PRESCRIPTION

- refers to the valid Pharmaceuticals Act and from the related acts and regulations.

Electronic Prescription

- Physician
- Central server for data storage (SÚKL)
- Pharmacy

- Patient + his password/PIN

- **Ready-made preparations (RMP)**- final preparations made by pharm. companies, ready to be issued by the pharmacy to patients without any further modifications
- **Individually prepared preparations (IPP)** – prepared in the pharmacies on the base of individual medical prescriptions

Drug preparations

Covered by insurance company (fully)

Covered by patient + ins. comp. (in part)

Covered by patient (fully)

Expedition is bound upon prescription

unbound upon Rx
(OTC)

Both in pharmacies and in other places (supermarkets, petrol stations, etc.)

only in pharmacies

„**earmarked drugs**“ (since 1998): act 378/ 2007, 106/2008 Sb.,

„about good practice of the sellers of earmarked drugs and about the specialized education of sellers of earmarked drugs“

RECEPT

Série **O**poř. č. Příjmení a jméno Rodné číslo f. Bydliště (adresa)

P - hradí pacient, C - spoluúčast pacienta, I - hradí ZP

 I
 C
 P*Rp.* I
 C
 PSk. Kód

Cena

Sk. Kód Dne: razítka zdrav. zařízení
jmenovka a podpis lékařePřipravil: Vydal:

Bez data vystavení, razítka smluvního zařízení, jmenovky a podpisu lékaře recept neplatí!

Prescription composition

- **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** – list of pharmacopoeial (officinal) names of substances in the genitive of singular + dosages

subscriptio

- **RMP** – how many packages should be issued
- **IPP** – how the preparation should be made of the prescribed components
- **signatura** – instructions how the preparation should be used by the patients.

- 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 months, 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 prolonged by physician (pollen vaccines-allergology)**

Inscriptio

RECEPT

Série 0

poř. č.

Příjmení a jméno

Personalia aegroti

Bydliště (adresa)

I Invocatio

C

F

Ordinatio

Compositio (Praescriptio)

Subscriptio

Signatura

I

C

P

P - hradi pacient, C - spoluúčast pacienta, I - hradi ZP

Stamp,
Physician identification

Dne: Date

Signature

razítko zdrav. zařízení
jmenovka a podpis lékaře

Připravil:

Vydal:

Bez data vystavení, razítka smluvního zařízení, jmenovky a podpisu lékaře recept neplatí!

Symbols in Rx formulary

I – fully paid by insurance company

C – partially paid by patient and insurance comp.

P – fully paid by patients

RMP

- introduced into the market under their trade names
- ready to be issued by the pharmacy to patients without any further modifications
- are manufactured in batches (= amount of product manufactured in one production cycle)
- batch number must be given on the package of the preparation
- longer usable life than IPP (on the outer and inner package –“Exspir./ Exp./ Best before“)

PRAESCRIPTIO

- the trade name in the nominative
- specification of pharmaceutical dosage form, dose and package
- If not specified – the lowest strength and smallest package is issued

SUBSCRIPTIO



- how many original packages (ampules, tablets)

Expeditionem originalem numero unam –
Exp.orig.No.I (unam)

Expeditiones originales numero duas –
Exp.orig.No.II (duas)



SIGNATURA

- necessary data, which inform patient about the proper use of the preparation respecting the optimum dosage scheme

Rp.

BRUFEN 400 por. tbl. flm.

Tbl.100x400mg

Exp.orig.no.II(duas)

D.S. 1-3 tablets/day

IPP

prepared in the pharmacies on the base of individual medical prescriptions (magistraliter)

enables individualization of prescriptions

3-8 % of receipts → (e.g. ophthalmology, dermatology, ORL, dentistry).

Risk of incompatibilities and mistakes in prescription and preparation

IPP

Ordinatio –

= compositio + subscriptio + signatura

- = **compositio**

composition of preparation

= list of pharmacopoeial (official) names of substances in the genitive of singular + dosages

e.g. Paracetamoli 0.5

Morphini hydrochloridi trihydrici 0.03

Compositio

- remedium cardinale- component showing the major therapeutic effect
- remedium adiuvans- supplementary substance improving the effect of the major active component or attenuating its adverse effects,
- remedium corrigens - component modifying/ unpleasant taste and/or improving undesirable appearance and/or aroma of the preparation,
- remedium constituens or vehiculum- pharmaceutical excipient

Subscriptio

detailed instructions for the pharmacy how to prepare

fixed Latin abbreviations are being used

Most often:

Misce fiat (sg.) or *Misce fiant* (pl.) = mix to make

e.g. M. f. sol./ung./oculogutt.

Signatura

detailed instructions for the patient how to use the
medicine

or drug is **prescribed for the physician's use**

Ad usum medici, Pro medico, Pro ordinatione

Drugs of abuse and psychotropic substances

- §§ - Drugs of abuse group I
very strong narcotic effect
e.g. fentanyl, morphine, cocaine, methadone
- § psychotropic substances, group II
strong psychotropic effect
e.g. amphetamin, flunitrazepam

Narcotic substances

- §§ alfentanyl
- §§ diphenoxylate
- §§ fentanyl
- §§ hydrocodone
- §§ cocaine
- §§ methadone
- §§ morphine

- §§ oxycodon
- §§ oxymorfon
- §§ pethidine
- §§ sufentanyl
- §§ remifentanyl
- §§ tilidin
- §§ opium crudum

Psychotropic substances

- § amphetamin
- § buprenorfin
- § phencyclidin
- § flunitrazepam (Rohypnol)
- § methamphetamin
- § pentazocin
- ...

Rules for prescription

- prescribed on prescriptions and/or order forms with an oblique **blue stripe**
- **very strict accounting**
- **three copies**
- **only one preparation**
- **14 days of validity**

Pořadové číslo tiskopisu		Kód obecního úřadu obce s rozšířenou působností *)	
Kód zdravotní pojišťovny:	Recept na léčivé přípravky obsahující omamné látky seznamu I a psychotropní látky seznamu II		
Jméno a příjmení:			
Číslo pojištěnce:		Datum narození:	
Adresa:		Telefonní číslo pacienta:	
Rp.		Úhrada pojišťovnou Kč	
Datum:		Razítko poskytovatele Jmenovka* a podpis Předepisujícího lékaře	
Přijal:	Připravil:	Vydal:	Poř. č.

Drug information databases

Micromedex

LEXICOMP

EMA, FDA AISLP

SPCs

Drugs.com

In Czech:

AISLP

Infopharm

Pharmindex Vademecum

Pharmindex Compendium

Remedia Compendium