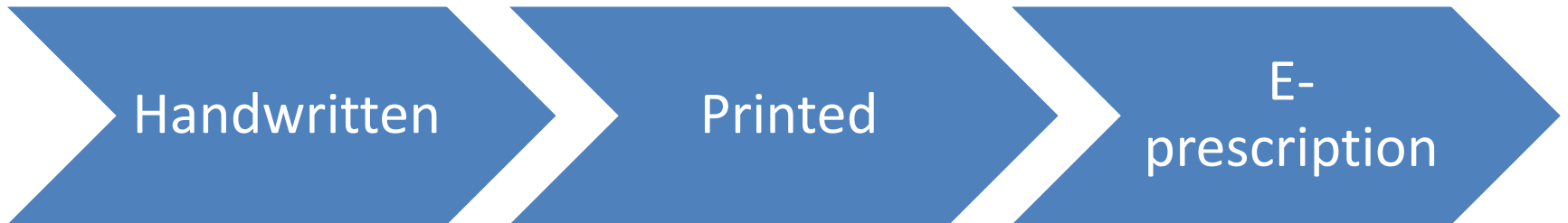


Dispensing,  
Medical prescription – Substitution

# Evolution of the prescription



# E-prescribing

- More accurate prescriptions
- Eliminating illegible prescriptions:
  - no handwriting for the pharmacist to interpret,
  - Less errors caused by similar-sounding MP
- The Implementation of warning and alert systems
- Improves medication safety

# E-prescribing

- Better management of medications costs
- Actual information
- Reduce time

# E-prescribing

- Increase patient convenience and medication compliance.
- Feedback and Statistical reports

# E-prescribing

Repository of E-prescription“:

Information available for:

- Prescribers
- Pharmacists
  
- Public ?

# Central repository of e-prescription in CZE

- Central repository of electronic prescriptions has been established as an organisational part of SIDC (SUKL) according to Act No 378/2007 Coll. On Pharmaceuticals and related legal changes (Act on Pharmaceuticals).
- Similar to the written prescription
- Digital signatures
- 2013
- 2015
- 2018

# E-prescription

- **Forms:**

Printed (paper form) with code

SMS

E- mail

- **The structure: 12 positions, alphanumeric**



## Paper form of medical prescription:

- CD
- Exceptions from e-prescription:
- „Emergency“, failure of Central repository,..
- Prescription for MP, if the patient would like to take the MP in other EU country
- Veterinary prescription

## E-prescription only:

- Rx drugs with restriction

# Insurance in CZE

- Compulsory health care insurance system
- Consists of not-for-profit health insurance companies
- Health insurance company - freedom of choice, can be changed

# Insurers

- 111 General Health Insurance Company (VZP CR)
- 201 Military Health Insurance Company of the Czech Republic (CR VoZP)
- 205 Czech industrial health insurance company (ČPZP)
- 207 Departmental Health Insurance Company employees of banks, insurance companies and construction (OZP)
- 209 Skoda Insurance Company (CLS)
- 211 Health Insurance Company of the Ministry of Interior (ZPMV CR)
- 213 Coalfield Brotherhood Cash Office (RBP)

# Patient information

- Name
- ID
- Address
  
- Telephone number - only with agreement of the patient
  
- Year of birth - only if it isn't in the ID
  
- Weight of preschool children - if it is unusual

# Patient ID

YYXXDD/SSSC

- YY – year of birth
- XX=MM (month of birth) for male (numbers 01-12)
- XX=MM+50 for female (numbers 51-62),
- DD = day
- SSS is a serial number separating persons born on the same date and C is a check digit.
- 701020 - 20. 10. 1970
- The whole number must be divisible by 11.
- For people born before 1 January 1954 the form is YYXXDD/SSS (without the check digit).
- This enables the system to work until the year 2054.

# Medical Prescription

Medical prescription:

- 2 different medicinal products,
- limit - 3 months therapy;
- More than 3 months – prescription for repeating dispensing
- 1 medicinal product – narcotic drugs or psychotropic given lists

Medical order:

- No limit for medicinal products
- 5 different medicinal products – narcotic drugs...

# Medical Prescription

- Brand name, dosage form, strength, package
- INN of the substance, dosage form, strength, package

Name of the substance written in the Pharmacopoeia, synonym or abbreviation in the Pharmacopoeia - prepared medicinal products

# Diagnosis - ICD

- International Classification of Diseases (ICD) by the United Nations and World Health Organization
- "standard diagnostic tool for epidemiology, health management and clinical purposes"



# Medical Prescription

- Prescription „with blue stripe“
  - 1 original + 2 carbon copy
    - Original + 1st copy – in the pharmacy
    - 2nd copy – the physician
  
- Medical order „with blue stripe“
  - 1 original + 3 carbon copy
    - Original + 1st, 2nd – in the pharmacy
    - 3rd – the physician / health care facility

# Prescribers

- Physicians – human, veterinary - providing preventive health care
- Physicians not providing preventive health care (i.e. university employees, pensioners etc.) if:
  - Mini-license with the insurance company where they are insured
  - Possibility of prescribing Medicinal products for themselves and family members if they are insured with the same insurance company
  - Note in the prescription "for family member" or "Ad usum proprium"

# Medical Prescription

Validity:

- 14 days
- 5 days
- 1 day after prescribing

# Substitution – hand written medical prescription

- Only from paper medical prescription
- In the original medical prescription prescribed more packages of one product, than you have on stock
- In the original medical prescription prescribed two different products, in the pharmacy isn't one on stock
- Medical prescription for repeating dispensing
- No specimen

# Substitution – hand written medical prescription

- the same information like the medical prescription, stamp (pharmacy), signature, date
- Original medical prescription – Note -
- „Substitution has been written“
-

# Substitution

- Original prescription – pharmacy; Substitution - patient
- Medical prescription for repeating dispensing - Original prescription – patient; Substitution - pharmacy
- Validity – as the original prescription