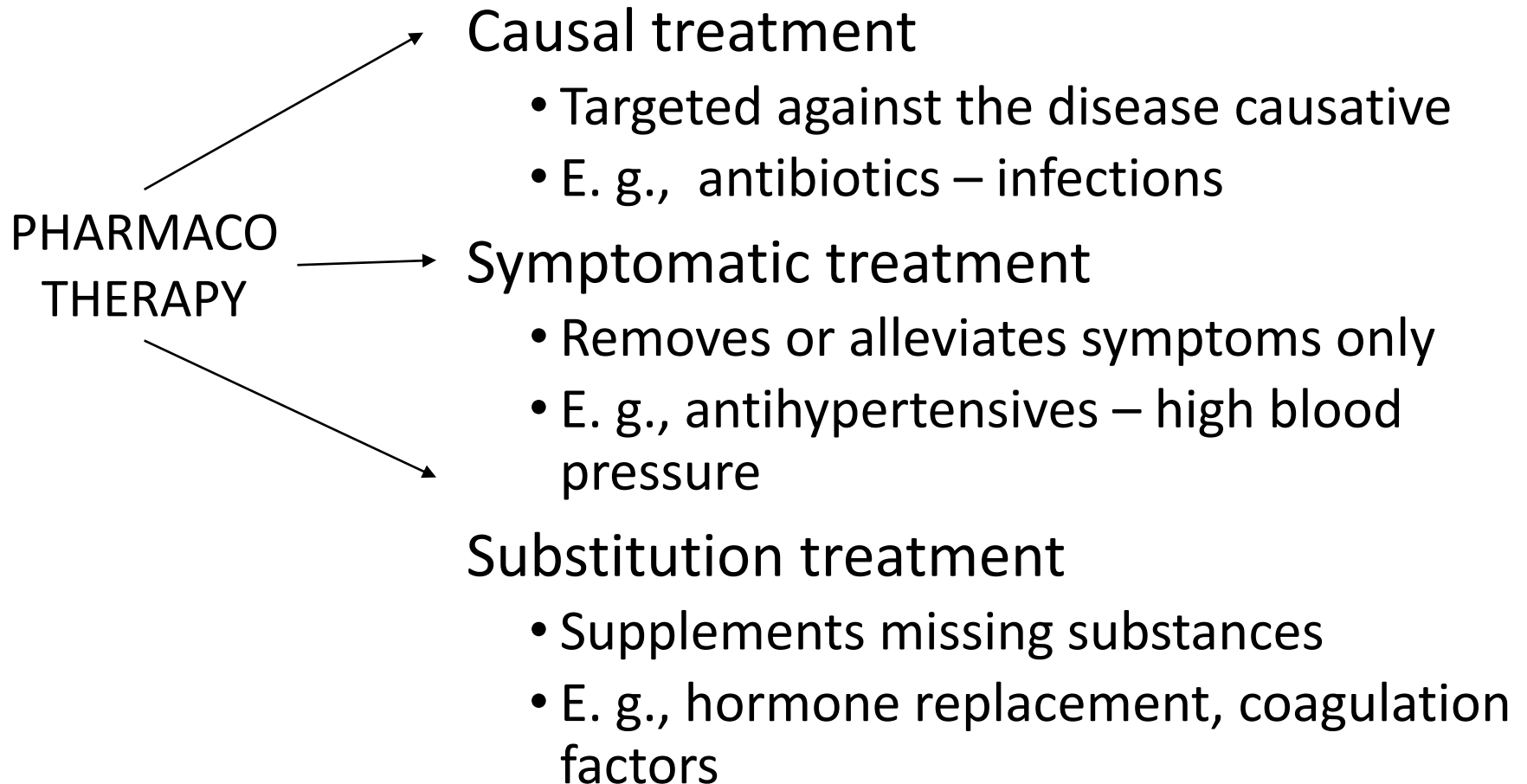


# INTRODUCTION TO THE STUDY OF PHARMACOLOGY

# TYPES OF TREATMENT



# BASIC TERMINOLOGY – REPETITION OF THE LECTURE



The patient suffers from headaches ...

TERMS - INDICATION AND CONTRAINDICATIONS

The doctor prescribes ...

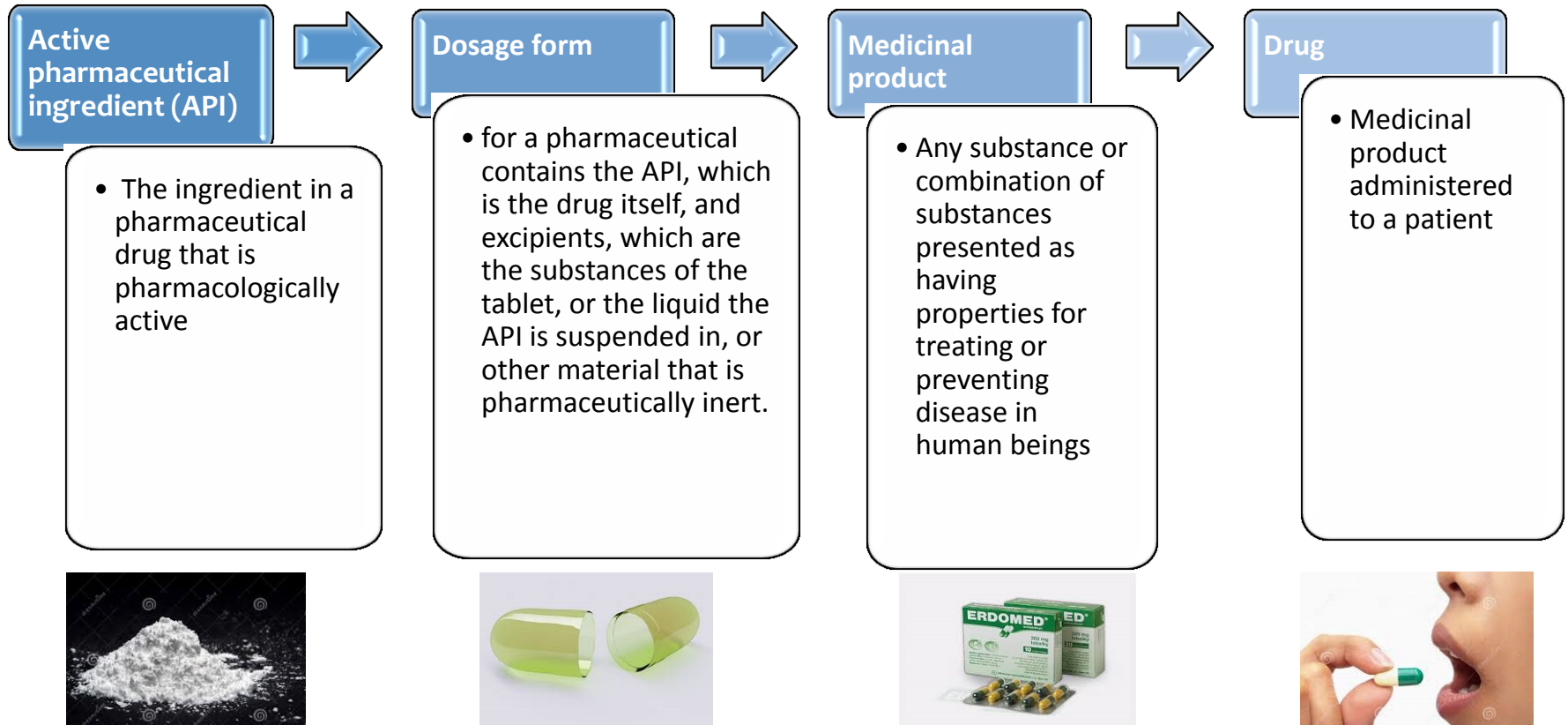
TERM – DRUG, MEDICINES, ACTIVE COMPOUND, EXCIPIENT...

What painkillers do you know for headache?

Students: "Paralen, Ibuprofen, Ibalgin, Aspirin ..."

TERMS - PHARMACOKINETICS, PHARMACODYNAMICS

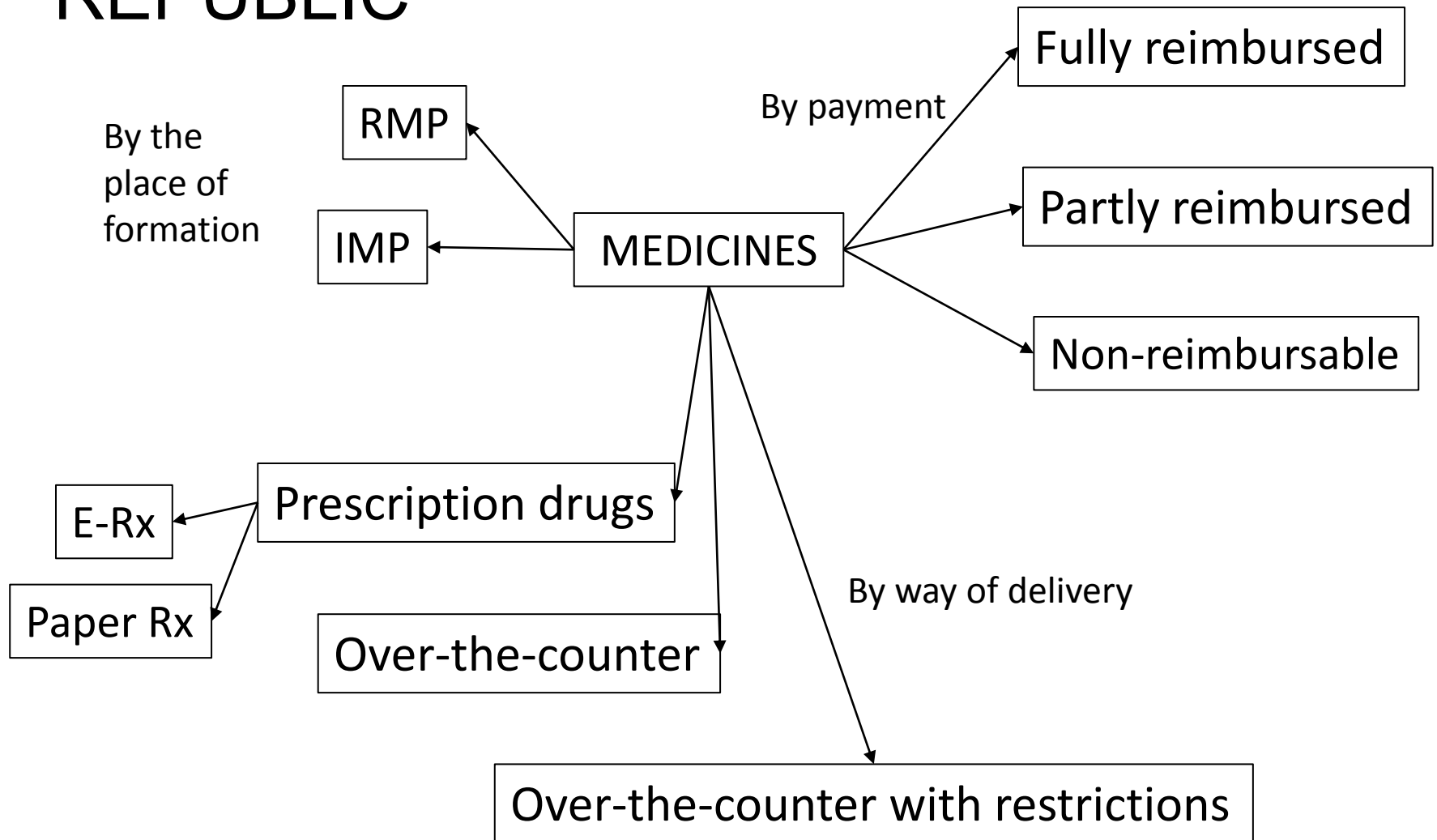
# PRACTICE



**Excipient** – without its own therapeutic effect, facilitates the manufacture, storage or preparation and administration of API.

**Consider: Could an excipient have a pharmacological effect?**

# BASIC TERMINOLOGY – MEDICINAL PREPARATIONS IN THE CZECH REPUBLIC



# DRUGS NAMES

- **Chemical name** – IUPAC nomenclature
- (2-acetoxybenzoic acid)
- **Generic name** – simplified chemical name or trivial names usually with national influence
- (acetylsalicylic acid)
- **International Nonproprietary Name (INN)** – for scientific literature and international communication
- (acidum acetylsalicylicum)
- **Pharmacopeial names** – similar or same as to INN but in latin
- **Brand names** – registered trade names and marks
- (ASPIRIN®)



## **Prepare:**

- Presentation – rules of drug prescription in your country