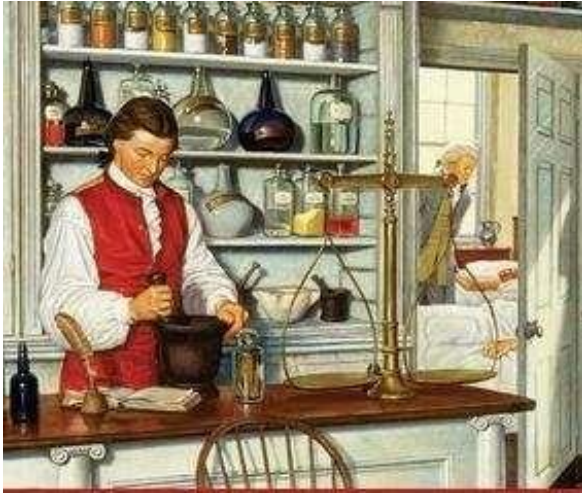




# Historical Background and Development of Profession of Pharmacy

# Apothecary







# PHARMACY



**The word ‘Pharmacy’ is derived  
from the Greek word –  
“Pharmakon”  
meaning  
“DRUG / REMEDY / POISON”**

The word '**Pharmacy**' has two meanings :

1. **General sense** – it is a place / shop where drugs or medicines are sold.



2. **Professional sense** – it is the profession, the members of which deal with drugs.

# Pharmacy:



**Art and Science**  
**of**  
**Preparing and Dispensing Medications**  
**and**  
**the Provision of drug and related information**  
**to**  
**the Public.**

# Pharmacist

“An expert on drugs”

A pharmacist is one who is **educated** and **licensed** to prepare and dispense drugs and to provide drug and related information to the public.

I am a Pharmacist

I am a specialist in medications

I am a custodian of medical information

I am a companion of the physician

I am a counsellor to the patient

I am a guardian of public health

This is my calling

This is my pride





# Drug and Medicine

Is there any difference ?

# Drug

- Any substance that acts on the living body to alter the physiological process.
- May have beneficial or harmful effects
- Drugs used for the **prevention, diagnosis and treatment** of diseases.

# Medicine

Drug which has a definite form & dose and are therapeutically used for the treatment of diseases of living subjects.

# COMMONLY USED PHARMACY SYMBOLS



Green Cross



Mortar and Pestle



You Take



Mortar and Pestle



# Symbol of Pharmacy



**Bowl of Hygieia**



- In Greek and Roman mythology, Hygieia, the **goddess of health, cleanliness and sanitation**, was a **daughter of Asclepius** (the god of medicine).
- While her father was more directly associated with healing, **Hygieia** was associated with the **prevention of sickness** and the **continuation of good health**, hence her name is the source of the word “hygiene”.



**Asclepius**  
(The god of medicine)



**Hygieia**  
(Goddess of health,  
cleanliness and sanitation)

- **Zeus** killed **Asclepius** because he feared that he might use his healing power to render all men immortal.





**Claudius Galen**

- He was a famous **Greek physician**
- He performed extensive **dissections** on animals.
- Galen described many formulae containing drugs of plant and animal origin.
- He compiled his work in 20 books called as **Galenical Works**



Frederick II

(26 December 1194 – 13 December 1250)

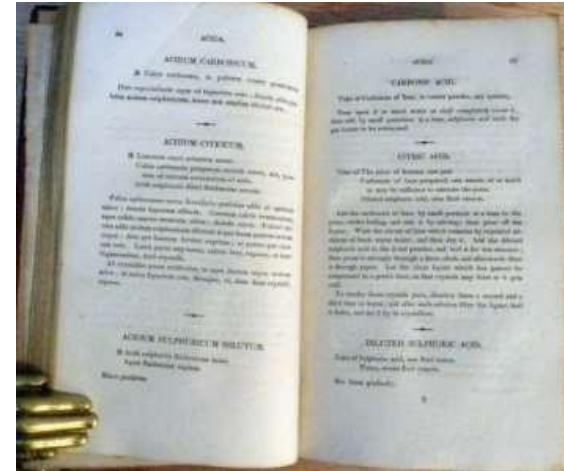
- In 12<sup>th</sup> century, Europe marketed the setting up of **drug stores**.
- In the year 1240, King Fredrick II recognized Pharmacy as a separate profession.

**Frederick II** was King of Sicily from 1198, King of Germany from 1212, King of Italy and Holy Roman Emperor from 1220



Rapid development of pharmacy was noticed in late 1800 and early 1900's:

- First **United States Pharmacopoeia** (USP) was published in 1820



- First pharmacy school was established in Philadelphia (US) 1820



## William Proctor

(Father of American Pharmacy)

- In 1852, **American Pharmacy Association** was established by **William Proctor**
- He is also known as **Father of Modern Pharmacy.**



# William Proctor (Father of American Pharmacy)

Also known as Father of Modern Pharmacy



- **National Formulary (NF)** was published in 1888 by the American Pharmaceutical Association.
- It included standard for excipients, botanicals and other similar products.
- USP purchased the NF, combining the two publications under cover, creating the **USP-NF**



# CHANDRESH MAURYA

Lecturer, Pharmaceutics

