

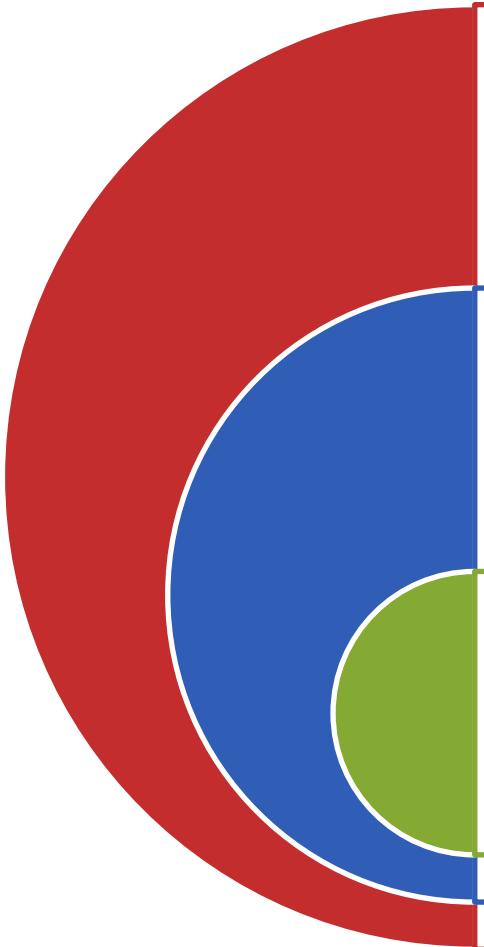


# Capsules

## Hard gelatin capsules

5<sup>th</sup> year students/ 1<sup>st</sup> semester

# Introduction P.374



Definition of Hard  
gelatin capsules

Advantages and  
Disadvantages of HGC

Materials used for  
production of HGC

# **Methods of production of HGC P.375-376**

Dipping

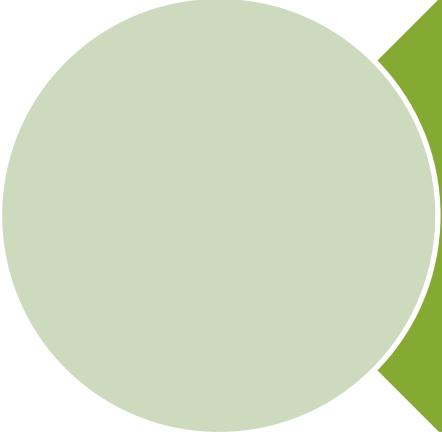
Spinning

Drying

Stripping

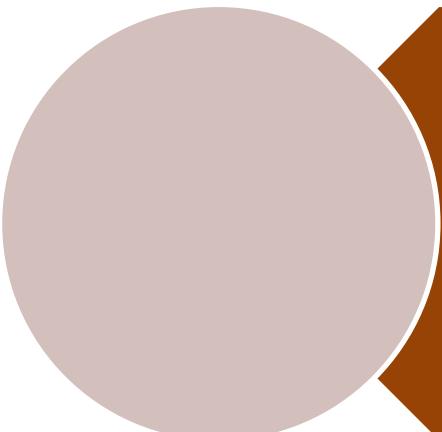
Trimming

Joining



## Moisture content in capsules

P.376-377



Filling equipments of HGC  
P.377-384

- Eli-lily Co.
- Farmatic
- Hofliger and Karg
- Zanasi
- Park-Davis

# Filling Operations

P.386

Empty  
Capsules  
P.386

Formulations  
P.389-392

- Major Considerations for capsule formulation
- Determination of amount of diluents

# Finishing (dusting and Polishing)



**Pan polishing**  
**P.393**

**Cloth dusting**  
**P.393**

**Brushing**  
**P.394**

**Storage**  
**P.394**

# Special Techniques

P.395-396

Imprinting

Special purpose capsules



Thank  
You  
For  
Listening!