

## **Objectives**

- Differentiate between hard and soft gel caps.
- Study different capsule excipients, shapes and sizes.
- Understand capsules manufacturing and quality control testing.



## Advantages of capsules as a dosage

- 1. Capsules may be used to mask the unpleasant taste or appearance of a drug.
- Capsules allow powders to be dispensed in an uncompressed form, thus allowing for quicker dissolution and absorption of the drug as compared to tablets.
- They offer the pharmacist a versatility to prepare any dose desired useful. Filling very large capsules with higher doses of drug may find much utility for animal use.
- 4. They may be easier than tablets for some people to swallow.
- 5. Filled capsules are very popular as clinical trial material and the compounding pharmacist may be asked to prepare them.



## **Disadvantages of Capsules**

- 1. The number of suppliers of shells is limited.
- 2. Filling equipment is slower than tabletting
- 3. More costly than the cost of producing tablets.



## Capsules

- Solid dosage form in which medications or inert substances are enclosed in hard or soft gelatin capsules.
- Usually taken intact but may be opened and mixed with liquid under the pharmacist supervision.
- Is the dosage form of choice during clinical trials.













































