



PHAR 632

“Aerosols and Pulmonary Drug Delivery”

Objectives:

1. Understand the significance of Pulmonary Drug Delivery.
2. Understand the aerosol principle, its composition and what controls the pressure of an aerosol.
3. List the advantages and disadvantages of Aerosol Dosage Form.
4. Distinguish between the “Two phase”, the “Three phase” and the “Compressed Gas” systems of aerosol.
5. Understand the aerosol container and valve assembly.
6. Understand the filling operation and the testing of the filled containers.
7. Distinguish between the different propellants used in aerosol preparation.

Reading Assignment:

The following pages are your reading from *Ansel's Pharmaceutical Dosage Form and Drug Delivery* for the next topic: “Aerosols” Chapter 14, pages 489-501.

Also read the lecture handout once posted.