



## PHAR 632

### Liquid Dosage Forms

### “Suspensions”

#### Objectives:

1. Understand the Suspension dosage form and why do we use it.
2. Desired features in a suspension.
3. Understand Sedimentation Rate and Stokes Equation.
4. How is a suspension prepared?

#### Reading Assignment:

The following pages are your reading from *Ansel's Pharmaceutical Dosage Form and Drug Delivery* for the next topic: **Suspensions. Chapter 14.**

1. Read “**Suspensions**” pages 446-452 and 456-465.( Skip Table 14.1 pages 460-462 you can read it for general knowledge)
2. Read and understand Physical Pharmacy Capsule 14.2.” **Sedimentation Rate and Stokes Equation**”. Focus on Stokes Equation and the factors affecting sedimentation rate (we covered it in class when discussing emulsions) please review we will go over it again.

#### For the iRAT focus on your reading:

- I. “**Suspensions**” pages 446-452 and pages 456—465.
- II. Physical Pharmacy Capsule 14.2.
- III. Factors affecting sedimentation rate.