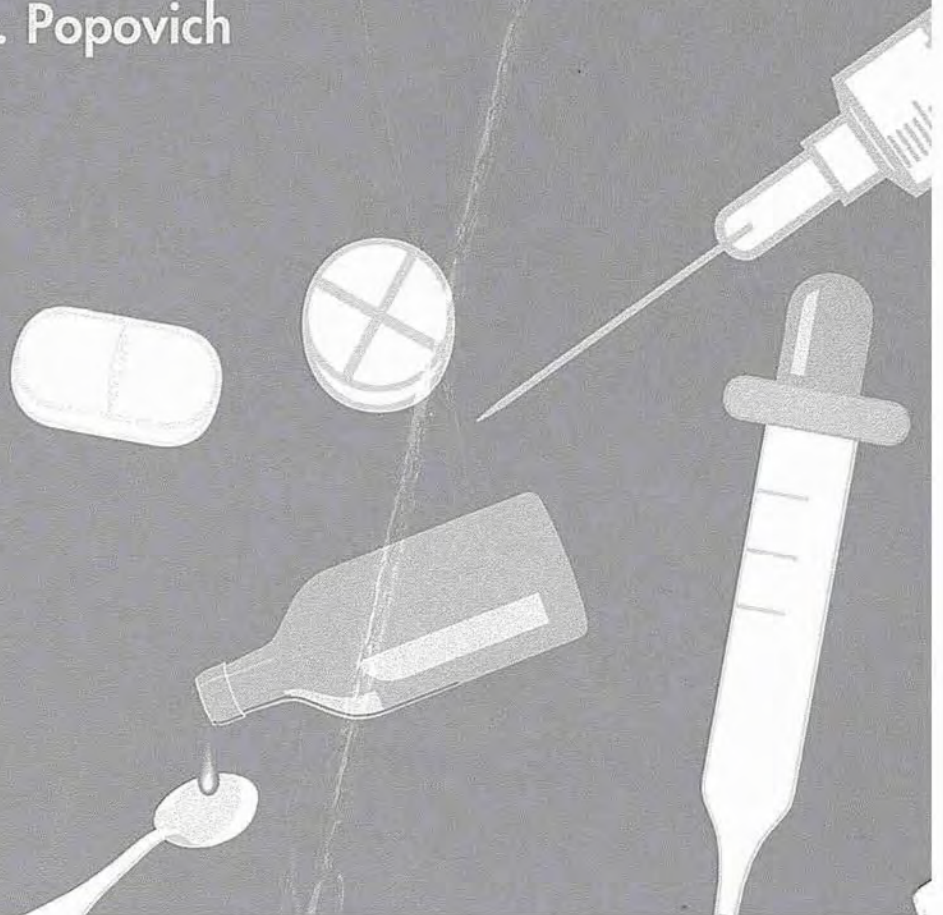


SEVENTH EDITION

PHARMACEUTICAL DOSAGE FORMS AND DRUG DELIVERY SYSTEMS

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CAPSULES AND TABLETS

Chapter at a Glance

Capsules

Hard Gelatin Capsules

- The Manufacture of Hard Gelatin Capsule Shells
- Capsule Sizes
- Preparation of Filled Hard Gelatin Capsules
- Developing the Formulation and Selection of Capsule Size
- Filling Hard Capsule Shells
- Capsule Sealing
- Cleaning and Polishing Capsules

Soft Gelatin Capsules

- Preparation of Soft Gelatin Capsules
- Utilization of Soft Gelatin Capsules

Compendial Requirements for Capsules

- Added Substances
- Containers for Dispensing Capsules
- Disintegration Test for Capsules
- Dissolution Test for Capsules
- Weight Variation
- Content Uniformity
- Content Labeling Requirement
- Stability Testing
- Moisture Permeation Test

Official and Commercially Available Capsules Inspecting, Counting, Packaging, and Storing Capsules

Tablets

Types of Tablets

- Compressed Tablets (C.T.)
- Multiple Compressed Tablets (M.C.T.)
- Sugar-Coated Tablets (S.C.T.)
- Film Coated Tablets (F.C.T.)
- Gelatin-Coated Tablets
- Enteric-Coated Tablets (E.C.T.)
- Buccal or Sublingual Tablets
- Chewable Tablets

Effervescent Tablets

- Molded Tablets (M.T.)
- Tablet Triturates (T.T.)
- Hypodermic Tablets (H.T.)
- Dispensing Tablets (D.T.)
- Immediate Release Tablets (I.R.)
- Instant Disintegrating/Dissolving Tablets
- Extended Release Tablets (E.R.)
- Vaginal Tablets

Compressed Tablets

- Quality Standards and Compendial Requirements
- Compressed Tablet Manufacture
- Wet Granulation
- All-in-One Granulation Methods
- Dry Granulation
- Tableting of Granulation
- Direct Compression Tableting
- Tablet Dedusting

Chewable Tablets

Molded Tablets

Tablet Coating

- Sugarcoating Tablets
- Film-coating Tablets
- Enteric Coating
- Fluid-Bed or Air Suspension Coating
- Compression Coating

Impact of Manufacturing Changes on Solid Dosage Forms

Official and Commercially Available Tablets

Packaging and Storing Tablets

Oral Administration of Solid Dosage Forms

Other Solid Dosage Forms for

Oral Administration

- Lozenges
 - Pills
-

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