SEVENTH EDITION PHARMACEUTICAL DOSAGE FORMS AND DRUG DELIVERY SYSTEMS

Howard C. Ansel Loyd V. Allen, Jr. Nicholas G. Popovich

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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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