Solubility of Pharmaceutical Solids
Crystalline and Amorphous Solids
Analytical Techniques in Solid State Characterization
Stall Screening and Selection: New Challenges and Considerations in the Modern Pharmaceutical R&D Paradigm
Drug Stability and Stability Studies
Excipient Compatibility
Theory of Diffusion and Pharmaceutical Applications
Particle, Powder and Compact Characterization
Polymer Properties and Characterization
Applied Statistics in Product Development
Oral Absorption Basics: Pathways, Physicochemical and Biological Factors, and Methods of Study
Oral Absorption Evaluation and Prediction
Fundamentals of Dissolution
Dissolution Testing of Solid Products
Bioavailability and Bioequivalence
In Vivo Evaluation of Dosage Form Performance
In Vitro-In Vivo Correlations: Fundamentals, Applications and Development Considerations
Integration of physical, chemical, mechanical and biopharmaceutical properties in solid oral dosage form development
Design and Development of Self-Emulsifying Drug Delivery Systems for Enhanced Oral Absorption of Poorly Soluble Compounds
Rational Design of Oral Modified-Release Drug Delivery Systems
Development of Modified-Release Oral Dosage Forms
Analytical Development and Validation for Solid Oral Dosage Forms
Statistical Design and Analysis of Long Term Stability Studies for Drug Products
Packaging selection for solid dosage forms
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Specification Setting and Manufacturing Process Control for Solid Oral Drug Products

Scale-Up Of Pharmaceutical Manufacturing Operation of Solid Dosage Forms
Process Development, Optimization and Scale-Up: Powder Handling and Segregation Concerns
Development and Scale-Up of Wet Granulation by High-Shear Process
Development, Scale-Up and Optimization of Fluid-bed Granulation
Development, Optimization and Scale-Up of Process Parameters: Roller Compaction
Development, Optimization And Scale-Up Of Process Parameters: Compression
Development, Optimization & Scale-Up Of Process Parameters: Pan Coating
Development, Optimization And Scale-Up Of Process Parameters: Wurster Coating
Process Analytical Technology
The Product Development Process
Product Registration and Drug Approval Process