Quality Control Of Suppositories Pharmaceutical Press

The fourth volume in the series covers the techniques and technologies involved in the preparation of semisolid products such as ointments, creams, gels, suppositories, and special topical dosage forms. Drug manufacturers need a thorough understanding of the specific requirements that regulatory agencies impose on the formulation and efficacy deter

Long acting veterinary formulations play a significant role in animal health, production and reproduction within the animal health industry. Such technologies offer beneficial advantages to the veterinarian, farmer and pet owner. These advantages have resulted in them growing in popularity in recent years. The pharmaceutical scientist is faced with many challenges when innovating new products in this demanding field of controlled release. This book provides the reader with a comprehensive guide on the theories, applications, and challenges associated with the design and development of long acting veterinary formulations. The authoritative chapters of the book are written by some of the leading experts in the field. The book covers a wide scope of areas including the market influences, preformulation, biopharmaceutics, in vitro drug release testing and specification setting to name but

a few. It also provides a detailed overview of the major technological advances made in this area. As a result this book covers everything a formulation scientist in industry or academia, or a student needs to know about this unique drug delivery field to advance health, production and reproduction treatment options and benefits for animals worldwide.

The USP-NF is a combination of two compendia, the United States Pharmacopeia (USP) and the National Formulary (NF). It contains standards for medicines, dosage forms, drug substances, excipients, biologics, compounded preparations, medical devices, dietary supplements, and other therapeutics. The current version of USP-NF standards deemed official by USP are enforceable by the U.S. Food and Drug Administration for medicines manufactured and marketed in the United States.

Dieser erste Titel einer ganzen Serie von anwendungsbezogenen Handbüchern zur Kapillarelektrophorese beschäftigt sich mit der Analytik von pharmazeutischen Substanzen. Dabei werden verschiedene Techniken praxisnah erläutert. Jeder, der im Labor - ob wissenschaftlich oder praxisnah - mit der Analyse von oft chiralen Pharmazeutika konfrontiert ist, wird viele Hinweise und Tips für seine Arbeit finden.USP: Einzige Monographie zur Analyse von Pharmazeutika mit CE This book describes the current state of the art for the analysis of pharmaceuticals

by capillary electrophoresis and contains several hundred references to specific applications and methods. The main purpose of the book is to present the application possibilities of CE an therefore tabulated application data are provided. Chapters of the book are devoted to providing details of individual application areas such as chiral analysis, determination of drug related impurities, determination of drug counter-ions, drug residue monitoring and main component assay. An introductory chapter provides theoretical background to CE an related techniques. A chapter is dedicated to capillary electrochromatography which highlights the importance this technique currently possesses. Successful regulatory acceptance of CE methods is also described. A comprehensive chapter covers method validation aspects. Other chapters include discrete areas such as the use of non-aqueous solvents, forensic applications of CE, the application of experimental designs, determination of drugs in biofluids, and the analysis of vitamins by CE.

Pharmacists have been responsible for compounding medicines for centuries. Although most modern medicines are not compounded in a local pharmacy environment, there are still occasions when it is imperative that pharmacists have this knowledge. Pharmaceutical Compounding and Dispensing provides a comprehensive guide to producing extemporaneous formulations safely and

effectively. The book covers three core sections: the history of compounding; pharmaceutical forms and their preparation; product formulae. This is a modern, detailed and practical guide to the theory and practice of extemporaneous compounding and dispensing. Fully revised and updated, this new edition will be an indispensable reference for pharmacy students and practicing pharmacists. Supplementary videos demonstrating various dispensing procedures can be viewed online.

The goal of a high quality, cost-effective and accessible health care for patients is achieved through constructing a team-based and patient-centered health care delivery system. The expanded role of pharmacists uplifts them to patient care from dispensing and manufacturing or marketing of drugs. Along with doctors and allied health professionals, pharmacists are increasingly recognized as an integral part of the patient care team. Furthermore, colleges of pharmacy need to revise and up-date their curricula to accommodate the progressively increasing development in the pharmaceutical education and the evolving new roles of practicing pharmacists in patient care settings. This book focuses on the expanded role of the pharmacists in total patient care including prescribing, dispensing, compounding, administering and monitoring of drugs at home, hospital, community, hospice, critical care, changeover and other care settings. The

sector is emerging in both developed and under-developed countries. Overburdened by patient loads and the explosion of new drugs physicians turned to pharmacists more and more for drug information especially within institutional settings. And today's patient care pharmacists are taking more interests in medication review and reconciliation, patient education and counseling, creating drug therapy regimen and monitoring compliance. The purpose of this book is to guide the pharmacists in their daily interactions with patients and to ensure collaboration with other health professionals. The contents are mostly based on recently published articles related to patient care, with most recent ideas and activities followed by the patient care pharmacists around the globe. However, a pharmacist implements the care plan in collaboration with other health care professionals and the patient or caregiver. Along with professional guidelines, the book discusses the concepts and best practices of patient interaction, patient rights, and ethical decision-making for the professional pharmacist, apprentice and student. In every chapter, the role of pharmacists in that chapter specific issues are detailed explicitly so that a professional pharmacist or a student can figure out his or her do's and don'ts in that specific situation. Moreover, further reading references are listed as future recommendations. So, the book is an archive of potential references

too. Among so many books about patient care, either doctors' or nurses' roles are highlighted. The proposed book highlights the pharmacists' roles and responsibilities to the most, separated from those of doctors and nurses, with the most recent information obtained from most publications in several journals, books, bulletins, newsletter, magazines etc.

Written to help companies comply with GMP, GLP, and validation requirements imposed by the FDA and regulatory bodies worldwide, Quality Control Training Manual: Comprehensive Training Guide for API, Finished Pharmaceutical and Biotechnologies Laboratories presents cost-effective training courses that cover how to apply advances in the life sciences

The Art, Science, and Technology of Pharmaceutical Compounding

Achieving High Quality, Cost-Effective and Accessible Healthcare Through a Team-Based, Patient-Centered Approach

The Role of the Pharmacist in Patient Care

A Decision Maker's Guide to the Procurement of Medicines and Related Supplies

Careers in Pharmaceuticals

The Complete U.S. Pharmacist Collection

Handbook of Pharmaceutical Manufacturing Formulations

Encyclopedia of Pharmaceutical Technology

Suppositories

Pharmaceutical Practice E-Book

Textbook of Natural Medicine - E-Book

Research Report - Hebrew University of Jerusalem

Generic Drug Product Development: Specialty Dosage Forms explores the issues related to providing evidence of pharmaceutical equivalence and bioequivalence for specialty drug products. It describes various scientific approaches and regulatory requirements for manufacturers who need to demonstrate the therapeutic equivalence of generic specialty drug products to brand name alternatives. The contributors discuss measurement of drug product quality and performance, as well as the regulatory and scientific requirements of topical, nasal and inhalation, and transdermal drug delivery products, along with generic biologics and modified release parenteral drug products. The book is essential reading for specialists and researchers in pharmaceutical drug development, regulation, manufacturing, and others in the pharmaceutical sciences.

A comprehensive and granular insight into the challenges of promoting rational medicine, this book serves as an essential resource for health policy makers and researchers interested in national medicines policies. Country-specific chapters have a common format, beginning with an overview of the health system and regulatory and policy environments, before discussing the difficulties in maintaining a medicines supply system, challenges in ensuring access to affordable medicines and issues impacting on rational medicine use. Numerous case studies are also used to highlight key issues and each chapter

concludes with country-specific solutions to the issues raised. Written by highly regarded academics, the book includes countries in Africa, Asia, Europe, the Middle East and South America.

Master Key of Pharmaceutical Chemistry - I for D.Pharm Part-I students of Karnataka Pharmacy Board, This book has below salient features: Master answers of Board Questions. Arrangement of Board Questions with reference to the Chapters. Board Questions also arranged according to the sub topics of chapters. Minimum & Maximum Marks of chapters according to Board Papers. Systematic record of distribution of marks of chapters. Give central Idea about Board Master Questions. Analysis, Research & deep study possible. Easy to understand & memorize.Give idea to solve paper according to the type & marks of questions.

Pharmaceutical product development is a multidisciplinary activity involving extensive efforts in systematic product development and optimization in compliance with regulatory authorities to ensure the quality, efficacy and safety of resulting products. Pharmaceutical Product Development equips the pharmaceutical formulation scientist with extensive and up-to-date knowledge of drug product development and covers all steps from the beginning of product conception to the final packaged form that enters the market and lifecycle management thereof. Applications of core scientific principles for product development are also thoroughly discussed in conjunction with the latest approaches involving design of

experiment and quality by design with comprehensive illustrations based on practical case studies of several dosage forms. The book presents pharmaceutical product development information in an easy-to-read mode with simplified theories, case studies and guidelines for students, academicians and professionals in the pharmaceutical industry. It is an invaluable resource and hands-on guide covering managerial, regulatory and practical aspects of pharmaceutical product lifecycle management.

Highlighting key issues and differences among GMPs of Europe, Canada, and the WHO, this reference examines US law and governmental policy affecting domestic and multinational pharmaceutical manufacturing. The book recommend pragmatic ways to interpret and comply with FDA CGMP regulation and related criteria. They focus on geographical redistribution of manufacturing facilities, accommodation of a diversity of regulatory and statutory governance, adaptation to disparate human resources, and new growth areas of manufacture and distribution of homeopathic remedies and dietary supplements, in addition to the greater quality control required of pharmacists and other authorized dispensers.

Relying on practical examples from the authors' experience, this book provides a thorough and modern approach to controlling and monitoring microbial contaminations during the manufacturing of non-sterile pharmaceuticals. Offers a comprehensive guidance for non-sterile pharmaceuticals microbiological QA/QC Presents

the latest developments in both regulatory expectations and technical advancements Provides guidance on statistical tools for risk assessment and trending of microbiological data Describes strategy and practical examples from the authors' experience in globalized pharmaceutical companies and expert networks Offers a comprehensive guidance for non-sterile pharmaceuticals microbiological QA/QC Presents the latest developments in both regulatory expectations and technical advancements Provides guidance on statistical tools for risk assessment and trending of microbiological data Describes strategy and practical examples from the authors' experience in globalized pharmaceutical companies and expert networks The International Pharmacopoeia contains a collection of recommended methods for analysis and quality specifications for pharmaceutical substances, excipients and products. Volume five of this publications describes methods and procedures for the quality control of pharmaceutical substances and tablets, tests for dosage forms for suppositories and opthalmic preparations, and a new section on quality control of anti-malarials. Supplementary information on International Chemical Reference Substances and International Reference Spectra, and on the establishment, maintenance and distribution of chemical reference substances are also included.

Long Acting Animal Health Drug Products

Mehkardin Re-heshbon

Competitive Problems in the Drug Industry

Generic Drug Product Development

Pharmaceutical Chemistry - I
The United States Pharmacopeia, the National Formulary
Selective Digestive Tract Decontamination in Intensive Care Medicine: a Practical Guide to Controlling Infection
Pharmaceutical Quality by Design

Proceedings of the 35th International Congress of Pharmaceutical Sciences, Dublin, 1975
Fundamentals and Applications
A Plan for Total Quality Control from Manufacturer to Consumer: Fifth Edition,

With global harmonization of regulatory requirements and quality standards and national and global business consolidations ongoing at a fast pace, pharmaceutical manufacturers, suppliers, contractors, and distributors are impacted by continual change. Offering a wide assortment of policy and guidance document references and interpretations, this Sixth Edition is significantly expanded to reflect the increase of information and changing practices in CGMP regulation and pharmaceutical manufacturing and control practices worldwide. An essential companion for every pharmaceutical professional, this guide is updated and expanded by a team of industry experts, each member with extensive experience in industry or academic settings.

Textbook of Natural Medicine - E-Book

A concise guide providing the physicochemical background to the design and use of pharmaceutical

dosage forms.This FASTtrack book is derived from the textbook Physicochemical Principles of Pharmacy and is designed to be used alongside it for those revision periods when time is short. It includes key points, tips, self assessment questions/answers and memory maps to aid with revision.For the new edition there will be an additional chapter on pharmaceutical nanotechnology.
Presents all the information a pharmacy student needs to understand the purpose and processes of compounding in a logical and progressive format. This comprehensive reference provides practitioners with essential information on establishing, equipping, and operating a compounding facility. Over 200 formulations cover all the dosage forms and delivery systems of modern medications. Written by eminent experts, 25 chapters discuss all aspects of good manufacturing practices, and emphasizes quality control measures for all aspects of compounding medications.
This technical guide examines the elements required to establish and ensure continuity of supplies, including HIV/AIDS medicines and other commodities, for programs scaling up antiretroviral therapy (Art) and associated health services. It provides extensive guidance on key topics: Quality Assurance, Selection & Quantification methods, Intellectual Property Rights, Procurement Strategies, Pricing & Financing, the Supply Cycle and Policy Issues.
With its expansion into the global marketplace, the pharmaceutical industry of today is uniquely positioned

to improve the global health standards of society by saving lives and improving the quality of lives around the world. Modern Pharmaceutical Industry: A Primer comprehensively explains the broad range of divisions in this complex industry. Experts actively involved in each division discuss their own contribution to a pharmaceutical company's work and success. Divisions include regulatory affairs, research and development, intellectual property, pricing, marketing, generics, OTC, and more

Long established as a trusted core text for pharmaceutics courses, this gold standard book is the most comprehensive source on pharmaceutical dosage forms and drug delivery systems available today. Reflecting the CAPE, APhA, and NAPLEX® competencies, Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems covers physical pharmacy, pharmacy practice, pharmaceutics, compounding, and dosage forms, as well as the clinical application of the various dosing forms in patient care. This Tenth Edition has been fully updated to reflect new USP standards and features a dynamic new full color design, new coverage of prescription flavoring, and increased coverage of expiration dates.

Semisolid Products

Comprehensive Training Guide for API, Finished Pharmaceutical and Biotechnologies Laboratories

Volume Four, Semisolid Products

Principles and Applications

Selective decontamination of the digestive tract (SDD) is an antibiotic strategy which aims to prevent secondary infections in critically ill patients. In this book, intensive care physicians will find the answers to problems they encounter in daily practice concerning infection prevention by the use of SDD. Physicians who have not practiced the strategy so far, and wishing to start it, will find all the information they need for a successful SDD implementation.

Pharmaceutical Quality by Design: Principles and Applications discusses the Quality by Design (QbD) concept implemented by regulatory agencies to ensure the development of a consistent and high-quality pharmaceutical product that safely provides the maximum therapeutic benefit to patients. The book walks readers through the QbD framework by covering the fundamental principles of QbD, the current regulatory requirements, and the applications of QbD at various stages of pharmaceutical product development,

including drug substance and excipient development, analytical development, formulation development, dissolution testing, manufacturing, stability studies, bioequivalence testing, risk and assessment, and clinical trials. Contributions from global leaders in QbD provide specific insight in its application in a diversity of pharmaceutical products, including nanopharmaceuticals, biopharmaceuticals, and vaccines. The inclusion of illustrations, practical examples, and case studies makes this book a useful reference guide to pharmaceutical scientists and researchers who are engaged in the formulation of various delivery systems and the analysis of pharmaceutical product development and drug manufacturing process. Discusses vital QbD precepts and fundamental aspects of QbD implementation in the pharma, biopharma and biotechnology industries Provides helpful illustrations, practical examples and research case studies to explain QbD concepts to readers Includes contributions from global leaders and experts from academia, industry and regulatory agencies

Presents 168 of Allen's "Contemporary Compounding" columns reprinted from U.S. Pharmacist, and is organized by therapeutic category. Many of the columns include updated stability information from USP25/NF20. An introduction to good compounding practices, tables presenting equivalent values for compounding calculations, a directory of suppliers of compounding chemicals, a glossary of terms, and a dosage form index and drug index supplement the columns. The basic formulas offered in this collection provide for some uniformity of preparation, as well as a starting point for further modification for specific patients. The volume is designed also to provide documentation for the use of these basic formulas as presented in the contemporary literature.

This is an essential resource for all those involved in the formulation, development, manufacture and testing of

suppositories.The administration of drugs using a suppository base formulation is particularly useful in paediatrics, debilitated patients and 'non-oral' patients. Depending on the excipient used, it is possible to control the release of the active pharmaceutical ingredient, thus offering some advantages in specific drug regimens over other dosage forms.Many suppository formulations have been developed for a number of therapeutic aims, however comprehensive reliable information on suppository formulation is not always readily available. "Suppositories" resolves this situation by providing up-to-date, comprehensive information in one point of reference."Suppositories" provides a detailed review of suppository dosage forms with chapters covering: the history and development of the suppository; suppository bases and their characteristics; pharmaceutical, biopharmaceutical and pharmacokinetic factors; formulation considerations; manufacturing and compounding suppositories; special types of suppositories; quality control; packaging and labelling; stability and storage; and clinical considerations.This book is an essential resource for all those involved in the formulation, development, manufacture and testing of suppositories.

Suppositories

This rewritten and updated second edition provides comprehensive information on the wide-ranging applications of statistics in the pharmacological field. Focusing on practical aspects, it sets out to bridge the gap between industry and academia.;Reflecting the changes that have taken place since publication of the first edition, this volume covers new topics such as: cancer clinical trials, clinical trials of AIDS patients and animal tumorigenicity studies; the development of antiepileptic drugs; the role of epidemiology in postmarketing trials and adverse drug experience; computer-assisted new drug application (CANDA) submissions; contract research organizations; interim analysis in clinical

trials; and room-temperature tests for the stability of drugs.;This work is intended as: a reference for statisticians, biostatisticians, pharmacologists, administrators, managers, and scientists in the pharmaceutical industry; and a text for graduate students taking courses in applied statistics or pharmaceutical statistics.

This comprehensive book covers a wide range of subjects relevant to pharmacy practice, including communication skills, managing a business, quality assurance, dispensing, calculations, packaging, storage and labeling of medicines, sterilization, prescriptions, hospital-based services, techniques and treatments, adverse drug reactions, pharmacoeconomics, and medicines management. Features useful appendices on medical abbreviations, pharmaceutical Latin terms, weights and measures, and presentation skills. This is a core text for pharmacy practice and dispensing modules of the pharmacy curriculum Covers key exam material for essential review and test preparation Features a user-friendly design with clear headings, chapter summaries, helpful boxes, and key points Text restructured with 14 new or radically revised chapters. All text revised in light of current pharmaceutical practice. New design using two colours.

Cumulated Index Medicus

A Primer

The most trusted source on the subject available today, Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, 12th Edition equips pharmacy students with everything they need to master the intricacies of pharmaceutical dosage form design and production and achieve successful outcomes in their courses and beyond. Reflecting the latest CAPE, APhA, and NAPLEX® competencies, this trusted, extensively updated resource clarifies the interrelationships between pharmaceutical and biopharmaceutical principles, product design, formulation, manufacture, compounding, and the clinical application of the various dosage forms in patient care, as well as regulations and standards governing the manufacturing and compounding of pharmaceuticals. New and revised content throughout keeps students up to date with current approaches to key coverage areas, and additional case studies demonstrate concepts in action to reinforce understanding and prepare students for the clinical challenges ahead.

The Handbook of Pharmaceutical Manufacturing Formulations, Third Edition: Volume Four, Semisolid Products is an authoritative and practical guide to the art and science of formulating drugs for commercial manufacturing. With thoroughly revised and expanded content, this fourth volume of a six-volume set, compiles data from FDA and EMA new drug applications, patents and patent applications, and other sources of generic and proprietary formulations including author’s own

experience, to cover the broad spectrum of cGMP formulations and issues in using these formulations in a commercial setting. A must-have collection for pharmaceutical manufacturers, educational institutions, and regulatory authorities, this is an excellent platform for drug companies to benchmark their products and for generic companies to formulate drugs coming off patent. Features: ? Largest source of authoritative and practical formulations, cGMP compliance guidance and self-audit suggestions ? Differs from other publications on formulation science in that it focuses on readily scalable commercial formulations that can be adopted for cGMP manufacturing ? Tackles common difficulties in formulating drugs and presents details on stability testing, bioequivalence testing, and full compliance with drug product safety elements ? Written by a well-recognized authority on drug and dosage form development including biological drugs and alternative medicines

The Encyclopedia of Pharmaceutical Technology presents authoritative and contemporary articles on all aspects of drug development, dosage forms, manufacturing, and regulation-enabling the specialist and novice alike to keep abreast of developments in this rapidly evolving and highly competitive field. A dependable reference tool and a solid investment for years to come--maintaining currency through its supplements [Volume 18/Supplement 1: Published November, 1998] The Encyclopedia contains interdisciplinary contributions in a wide array of subjects, including Drugs decomposition metabolism

pharmaceutical incompatibilities pharmacokinetics physicochemical properties preformulation stability Drug Delivery Systems and Devices-Development and Manufacture analysis and controls bioavailability use of computerization formulation and processing alternatives national and international registration packaging patents process validation scale-up safety and efficacy stability standards Post-Production and Practical Considerations governmental/industrial/professional organizations legal aspects national and international agencies patent life of drugs patient compliance ...and much, much more! "Completely revised and expanded throughout. Presents a comprehensive integrated, sequenced approach to drug dosage formulation, design, and evaluation. Indentifies the pharmacodynamic and physicochemical factors influencing drug action through various routes of administration."

In the second edition of Pharmaceutical Dosage Forms and Drug Delivery the authors integrate aspects of physical pharmacy, biopharmaceuticals, drug delivery, and biotechnology, emphasizing the increased attention that the recent spectacular advances in dosage form design and drug delivery, gene therapy, and nanotechnology have brought to the field. Highlights of the Second Edition: Additional author Ajit S. Narang brings an industrial practitioner perspective with increased focus on pharmacy math and statistics, and powders and granules Reorganized into three parts: Introduction, Physicochemical Principles, and Dosage Forms Chapters on pharmaceutical calculations, compounding principles, and powders and granules

provide a complete spectrum of application of pharmaceutical principles Expansion of review questions and answers clarifies concepts for students and adds to their grasp of key concepts covered in the chapter Coverage of complexation and protein binding aspects of physical pharmacy includes the basic concepts as well as recent progress in the field Although there are numerous books on the science of pharmaceutics and dosage form design, most cover different areas of the discipline and do not provide an integrated approach to the topics. This book not only provides a singular perspective of the overall field, but it supplies a unified source of information for students, instructors, and professionals.

Microbiologists working in both the pharmaceutical and medical device industries, face considerable challenges in keeping abreast of the myriad microbiological references available to them, and the continuously evolving regulatory requirements. The Handbook of Microbiological Quality Control provides a unique distillation of such material, by providing a wealth of microbiological information not only on the practical issues facing the company microbiologist today, but also the underlying principles of microbiological quality assurance. All the chapters have been written by leading experts in this field. The Handbook of Microbiological Quality Control provides guidance on safe microbiological practices, including laboratory design and sampling techniques. The design storage, use and quality control of microbiological culture is considered in depth. Principles of enumeration and identification of

micro-organisms, using both traditional and rapid methods as well as the pharmacopoeial methods for the detection of specified organisms, are elaborated in detail. Guidance is given on laboratory methods supporting the sterility assurance system: sterility testing, bioburden testing, the use of biological indicators and environmental monitoring methods, as well as methods for detecting and quantifying endotoxins. Pharmacopoeial methods for microbiological assay and preservative efficacy testing are reviewed. Problems for those involved in disinfection and cleansing techniques and microbiological audit are discussed from a practical viewpoint. Finally, a number of pertinent case studies and worked examples illustrate problems highlighted in the text. The Handbook of Microbiological Quality Control is the essential reference source for the professional microbiologist.

The Quality Control of Medicines documents the proceedings of the 35th International Congress of Pharmaceutical Sciences, organized by the Pharmaceutical Society of Ireland on behalf of the Federation Internationale Pharmaceutique, held in Dublin, on 1-5 September 1975. The theme chosen for the Congress was ""the basis for the quality control of medicines"", because of the importance and relevance of quality control in the production and distribution of medicines at national and international levels. This volume is arranged according to the manner in which the theme of the Congress was developed by the eminent invited speakers. Following the inaugural address a main symposium was held where five speakers presented a

review of the quality control of medicines under the general headings of (i) chemical and physical aspects; (ii) biological aspects; (iii) control of drug delivery systems; (iv) storage problems; and (v) problems of international control. Certain aspects of the content of the main symposium were then developed in greater depth in parallel symposia. In the first parallel symposium some novel physicochemical aspects of the quality control of medicines were treated under the headings of spectrofluorimetry, mass spectrometry, detection in gas chromatography, and automation in pharmaceutical analysis. The second parallel symposium developed certain microbiological aspects of quality control under the headings of sterility testing and microbiological control of non-sterile products and ophthalmic preparations. The final symposium on submissions to regulatory bodies and international aspects of drug control covered aspects of politics in submissions, regulatory problems in small countries, and various pharmacopoeial problems.

Allen's Compounded Formulations
Good Manufacturing Practices for Pharmaceuticals
Pharmaceutical Dosage Forms and Drug Delivery, Second Edition
FASTtrack Physical Pharmacy
Pharmaceutical Product Development
Handbook of Microbiological Quality Control in Pharmaceuticals and Medical Devices
The Quality Control of Medicines
The International Pharmacopoeia
Pharmaceutical Policy in Countries with Developing

Healthcare Systems
Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems