

1. Record Nr.	UNINA9910373946603321
Autore	Alghamdi Eman Ali Saeed
Titolo	Extemporaneous Ophthalmic Preparations / / by Eman Ali Saeed Alghamdi, Abdulmalik Yahya Al Qahtani, Mazen M. Sinjab, Khalid Mohammed Alyahya
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-27492-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (116 pages)
Disciplina	617.7061
Soggetti	Ophthalmology Pharmacy Pharmacovigilance Pharmacology Drug Safety and Pharmacovigilance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section 1: Introduction to Extemporaneous Ophthalmic Preparations -- Chapter 1 Ocular Pharmacokinetics -- Chapter 2 Factors Affecting Bioavailability and Efficacy of Topical Eye Preparations -- Chapter 3 Ideal Characteristics of Ophthalmic Drug Delivery System -- Chapter 4 Inert Substances Used in the Preparation of Ophthalmic Products -- Chapter 5 Preservatives Used in Ophthalmic Preparations -- Section 2: Extemporaneous Topical Ophthalmic Formulations -- Chapter 6 Topical Ophthalmic Drug Forms -- Chapter 7 Extemporaneous Compounding of Ophthalmic Products -- Chapter 8 American Society of Hospital Pharmacists (ASHP) Guidelines on Pharmacy-Prepared Ophthalmic Products -- Chapter 9 Formulations of Extemporaneous Topical Ophthalmic Preparations -- Chapter 10 Extemporaneous Ophthalmic Preparations in Ocular Oncology -- Section 3: Extemporaneous Intraocular Injections. Chapter 11 Extemporaneous Intravitreal Injections -- Chapter 12 Extemporaneous Intracameral Injections -- Chapter 13 Formulations of Extemporaneous Intraocular Injections -- Section 4: Extemporaneous Sub Conjunctival Injections -- Chapter 14 Equipment -- Chapter 15 Steps for subconjunctival injections --

Chapter 16 Formulations of Extemporaneous Intraocular Injections.

Sommario/riassunto

This book provides a list of concise extemporaneous ophthalmic preparations, and standardizes the formulation of the products by suggesting specific strength, route of administration, appropriate vehicle, and method of preparation. Pharmaceutical industries have greatly expanded their share of ophthalmic drugs in recent years. However, physicians and pharmacists are frequently called to prepare sterile products intended for ophthalmic use due to lack of availability of licensed drugs in the market. This book contains the most appropriate formulation of each medication based on published and documented stability data. Extemporaneous Ophthalmic Preparations is the first book of its kind, making it a unique and valuable companion for many physicians and pharmacy practitioners who are frequently engaged in the compounding of sterile ophthalmic preparation.