

CLINICAL AND PHARMACEUTICAL

Management of Diseases

AN EASY APPROACH TO THE CLINICAL SERVICES,
PHARMACEUTICAL CARE, THERAPEUTICAL DRUG
MONITORING, RISK/ PROBLEMS SOLVING AND
COMPLICATIONS OF POLY-PHARMACY

TAHA NAZIR



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CLINICAL AND PHARMACEUTICAL

MANAGEMENT OF DISEASES

1st Edition

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DEDICATED TO MY

- ❖ **FATHER; M. NAZIR CHAHL**
- ❖ **WIFE; NIDA TAHA**
- ❖ **SON; ABDULLAH TAHA**
- ❖ **SON; ARSALAN TAHA AND**
- ❖ **RESPECTED TEACHERS**

TAHA NAZIR

NOTICE

The therapy plans and clinical profiles of therapeutical agents are being changed every day. Pharmaceutical research and clinical trails have sharply broadened our knowledge and making more sophisticated alterations in treatment protocols. The author, contributors and publisher of this manuscript have checked the informations with sources believed to be reliable in their efforts to provide information that is complete and generally in accord with the standard accepted at the time of publication. However, in view of the possibility of human error or change in latest clinical research data, neither the author nor the publisher nor any other party who has been involved in the preparation or publication of this work warrants that the information contain herein is in every respect accurate or compete, and they disclaim all responsibility for any error or omissions or for the results obtained from use of the information contained in this work. The students, researchers and readers are encouraged to confirm the information contains herein and this recommendation is of particular importance in connection with newer or infrequently used drugs.

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PREFACE

The poor clinical practice for managing the diseased conditions needs an integrated and valid collection of simple and conceptual literature. Moreover, the pharmacy discipline is present in pre-established form in developing part of the world. It has been therefore tried to elaborate the basics of clinical practice. It is carefully tried to provide the latest and established treatment protocols which helps to improve the patient care and minimize the complications of poly-pharmacy/ multi disease therapies.

The substandard clinical and pharmaceutical services throw in like a terrible monster in health care system that works like an invisible vampire. The therapeutical problems, drug interactions, adverse drug reactions, formulation errors, conversion mistakes, drug abuse, ineffectiveness and non-compliance would continue these mortalities and morbidities until or unless conceived and corrected properly. The clinical pharmacist and drug experts have to play their role to assure the implementation and monitoring of treatment plans. Developments of such professional skills need a comprehensive and collaborative relationship to produce an integrated and professional attitude/ values. Such a structured learning process will help to improve overall clinical and pharmaceutical services. The 'Management of Diseases' is therefore compiled to fulfill the requirement of learners. The material contain herein facilitates an in-depth level of understanding of essential therapeutical/ clinical activities.

The valuable feedback and constructive suggestions will warmly be welcomed

At last, but not least, I have utmost pleasure to express the heartiest gratitude to my teachers, wife and students for support, help and persuasively striving to bring this work fruitfully conclusive.

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