

Social and Preventive Pharmacy

Course Code BP802T

for Eighth Semester Bachelor in Pharmacy

As per the latest syllabus prescribed by Pharmacy Council of India

attempts to fulfil the felt need of a concise textbook on social and preventive pharmacy for undergraduate students of pharmacy. This book discusses the basic principles of social and preventive pharmacy included in the curriculum. Most importantly, it covers all the topics enumerated in the latest syllabus (Course code BP802T) prescribed by the Pharmacy Council of India. The text has been written in a simple language to help students learn easily the basics and retain the facts for a long time. It provides an insight into the subject and also acquaints the reader with an objective, rational, safe and cost-effective approach.

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to

*the profession
of
pharmacy*

Preface

Discovery consists of seeing what everybody has
seen and thinking what nobody has thought

— Albert Gyorgyi

From our experience as teachers, we felt the need of a concise book on social and preventive pharmacy for undergraduate students of pharmacy. This book contains the basic principles of social and preventive pharmacy included in the curriculum as well as the details. Most importantly, all the topics of the syllabus have been covered. This effort underlines the important aspects in a very simple language to help students retain more.

We are grateful to our parents and family members for their emotional support, encouragement and valuable cooperation even in our hard days while authoring the book.

We sincerely hope that this book will fulfill the needs of the students. The book will also provide the reader an insight into the subject and also gets acquainted with an objective, rational, safe and cost-effective approach.

Suggestions, comments and criticisms are always welcomed. They may be sent to us. We are thankful to the publishers, for taking initiative in bringing about this book.

The subject is too wide and the resultant product has been either too voluminous, or too concise, or even incomplete; so as there is wide array of textbooks available, they can also be consulted to get a complete picture of the subject.

Anurekha Jain
Satinder Kakar

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The most important thing is God's blessing and if you believe in God and you believe in yourself, you have nothing to worry about. At the outset, I thank the Almighty God for showering eternal blessings and benevolence on us for successful completion of this book.

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Satinder Kakar

We wish to thank our colleagues for helpful comments and suggestions.

We are grateful to our parents for their unconditional love, support and encouragement.

We are also thankful to the publishers. We hope this book will leave the desired impression and we look forward to receive the comments from the readers.

Anurekha Jain

Satinder Kakar

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Syllabus

Social and Preventive Pharmacy: Course Code BP802T

Hours: 45

Scope

The purpose of this course is to introduce to students a number of health issues and their challenges. This course also introduced a number of national health programmes. The roles of the pharmacist in these contexts are also discussed.

Objectives

After the successful completion of this course, the student shall be able to:

- Acquire high consciousness/realization of current issues related to health and pharmaceutical problems within the country and worldwide.
- Have a critical way of thinking based on current healthcare development.
- Evaluate alternative ways of solving problems related to health and pharmaceutical issues.

Course contents

Unit I

10 Hours

Concept of health and disease: Definition, concepts and evaluation of public health. Understanding the concept of prevention and control of disease, social causes of diseases and social problems of the sick.

Social and health education: Food in relation to nutrition and health, balanced diet, nutritional deficiencies, vitamin deficiencies, malnutrition and its prevention.

Sociology and health: Socio-cultural factors related to health and disease, Impact of urbanization on health and disease, poverty and health.

Hygiene and health: Personal hygiene and health care; avoidable habits.

Unit II **10 Hours**

Preventive medicine: General principles of prevention and control of diseases such as cholera, SARS, Ebola virus, influenza, acute respiratory infections, malaria, chikungunya, dengue, lymphatic filariasis, pneumonia, hypertension, diabetes mellitus, cancer, drug addiction-drug substance abuse.

Unit III **10 Hours**

National health programs, its objectives, functioning and outcome of the following:

HIV and AIDS Control Programme, TB, Integrated Disease Surveillance Program (IDSP), National Leprosy Control Programme, National Mental Health Program, National Programme for Prevention and Control of Deafness, Universal Immunization Programme, National Programme for Control of Blindness, Pulse Polio Programme.

Unit IV **8 Hours**

National Health Intervention Programme for Mother and Child, National Family welfare Programme, National Tobacco Control Programme, National Malaria Prevention Program, National Programme for the Health Care for the Elderly, Social Health Programme; Role of WHO in Indian National Program.

Unit V **7 Hours**

Community Services in Rural, Urban and School Health: Functions of PHC, Improvement in Rural Sanitation, National Urban Health Mission, Health Promotion and Education in School.