

**A TEXT-BOOK OF MATERIA
MEDICA FOR NURSES,
INCLUDING THERAPEUTICS
AND TOXICOLOGY**

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A text-book of materia medica for nurses, including therapeutics and toxicology by George P. Paul

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GEORGE P. PAUL

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OF
MATERIA MEDICA
FOR NURSES

INCLUDING THERAPEUTICS AND TOXICOLOGY

BY

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IN THE ACUTE INFECTIOUS FEVERS"



PHILADELPHIA AND LONDON
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1907

TO THE LATE

EVERARD D. JERUSAH, M.D.

SURGEON-IN-CHIEF, SAMARITAN HOSPITAL, TROY, N. Y. FOUNDER OF
THE NEW YORK STATE MEDICAL ASSOCIATION AND, LATER, ITS
PRESIDENT, SECRETARY, AND TREASURER; SOMETIME
VICE-PRESIDENT OF THE AMERICAN
MEDICAL ASSOCIATION

IN ADMIRATION OF
HIS GREAT TALENTS AND IN REMEMBRANCE OF
MANY ACTS OF KINDNESS SHOWN TO THE AUTHOR
THIS VOLUME
IS GRATEFULLY INSCRIBED

PREFACE

IN the preparation and compilation of a book on this subject for the nurse many difficulties are encountered as to the knowledge to be incorporated in the text and that which should be omitted.

The author has essayed to use only such material as will be of aid to the reader, and has arranged the text in such a manner as he thinks will best meet the demands of the nurse.

The subject matter is arranged in six parts. Part I. consists of General Considerations, which will be found of great importance before beginning the study of the individual drugs. To Part II. special attention is directed. The drugs of this section are those of a recognized value. They are arranged alphabetically for convenience and, as the author believes, the proper way, as it is impossible to properly classify drugs according to their action, as the majority of drugs have several equally important actions. The physiologic action of the drug is arranged according to the action of the drug and not the organ acted upon, thus, with a glance, the full action of the drug may be seen. Another characteristic of the text is the section on Pre-toxic Signs or the warnings of the full action or the beginning toxic effects of the drug, which, if heeded, may prevent many cases of drug poisoning. It is

necessary that the nurse should know these signs. Under Administration, many useful points as to when and how drugs should be exhibited are given. Part III. includes drugs of minor importance, which, although not used as frequently as those discussed in Part II., are nevertheless worthy of consideration. Part IV. contains the newer preparations much employed by some physicians. Simple mixtures and combinations are not given place, only those of definite chemic union are considered. Part V. relates to practical therapeutic procedures, which will readily be seen to be of prime importance to the nurse. Part VI. includes tables of the percentage strengths of the official drug preparations; of common synonyms; of relative weights and measures.

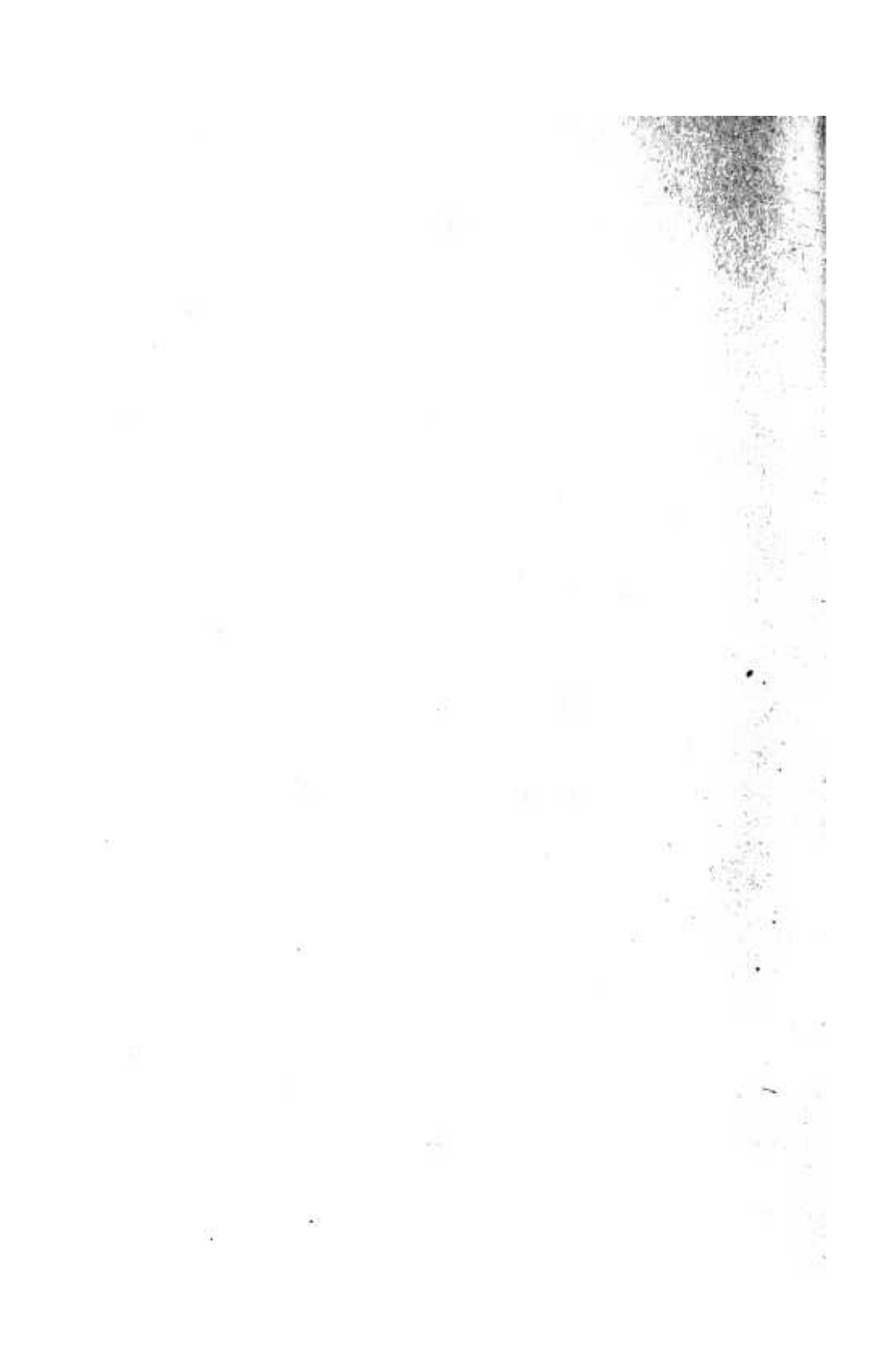
In conclusion, the author wishes to state that he has been very painstaking in order that he might present this book to the nurse as a concise, accurate, and practical work, and that it might form a valuable and essential part of her equipment.

JANUARY, 1907.

G. P. P.

CONTENTS

	PAGE
PART I.—GENERAL CONSIDERATIONS	11
Definitions, 11—Drug Constituents, 11—Drug Preparations, 12—Drug Actions, 14—Drug Administration, 21—Drug Classification, 26.	
PART II.—GENERAL MATERIA MEDICA, THERAPEUTICS, AND TOXICOLOGY	40
PART III.—DRUGS OF MINOR IMPORTANCE	165
PART IV.—NEWER MEDICINAL AGENTS	178
PART V.—PRACTICAL THERAPEUTICS	185
Hydrotherapy, 185—Hypodermic Medication, 192—Anti- septics and Disinfectants, 194—Disinfection, 197—Topical Medication, 200—Application of Heat, 206—Rectal Alimentation and Medication, 209—Antitoxins and Serums, 212.	
PART VI.—ADDENDA	215
Strength of Drug Preparations, 215—Synonyms, 220— Weights and Measures, 224.	
INDEX	227



PART I

GENERAL CONSIDERATIONS

DEFINITIONS

Materia Medica.—The science that treats of the source, preparation, and properties of agents used as medicines.

Therapeutics.—The science which treats of the application of remedial agents in the treatment of diseased conditions.

Toxicology.—The science which treats of poisons: their nature, detection, effects, and the prevention of their ill effects.

Pharmacopeia.—An authority on the strength, purity, selection, and preparation of medicinal agents.

DRUG CONSTITUENTS

Alkaloid.—A nitrogenous vegetable base, as a rule representing the active principle of a drug. They are generally insoluble in water, but soluble to varying extents in alcohol, ether, chloroform, and benzin. They form salts with acids which are generally soluble in water. The Latin termination of the name is *ina* and the English *in*; e. g., Morphina—Morphin.