

**LIPPINCOTT'S NURSING
MANUALS. A TEXT-BOOK
OF PHYSICS AND
CHEMISTRY FOR NURSES**

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Lippincott's Nursing Manuals. A Text-Book of Physics and Chemistry for Nurses by A. R. Bliss & A. H. Olive

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A. R. BLISS & A. H. OLIVE

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PHYSICS AND CHEMISTRY FOR NURSES

BY

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49 ILLUSTRATIONS



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PREFACE

THE authors of this text-book have endeavored to furnish the student of nursing in concise form a simple and clear presentation of those portions of the sciences—physics and chemistry—which are of special interest and importance to the student and the graduate nurse.

The work is necessarily brief. The curricula of most schools of nursing call for but one year of instruction in physics and chemistry. The authors therefore decided to discuss only the amount of material which, in their opinion, could be intelligently digested by the average studious nurse in the time allotted to the subjects.

The authors will welcome any suggestions looking to the improvement of the text-book.

Thanks are due to the following authorities whose works were frequently consulted and proved of great value in the preparation of this book: Allen, Autenrieth, Barmwater, Bartley, Beal, Brundage, Bunge, Coblentz, Doremus, Everett, Glazebrook, Hill, Holland, Hoadley, Krafft, Lassar-Cohn, Leach, Long, Molinari, Morgan, Mason, Novy, Prudden, Remsen, Rottget, Remington, Sadtler, Simon, Stewart, Thoms, Tyrode, the United States Pharmacopœia, Vaughan, Voit, Witthaus, and Wood; also to Miss Ellison, of the Cincinnati General Hospital, formerly Principal of the Hillman Hospital Training School for Nurses, and Miss Dugan, Principal of the Hillman Hospital Training School for Nurses, for valuable suggestions and criticisms. Thanks are especially due to Eimer and Amend, of New York City, for the use of their half-tones.

BIRMINGHAM, ALABAMA,
January, 1916.

A. R. B., JR.
A. H. O.

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