

**ELEMENTARY
BACTERIOLOGY AND
PROTOZOÖLOGY FOR
THE USE OF NURSES**

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Elementary Bacteriology and Protozoölogy for the Use of Nurses by Herbert Fox

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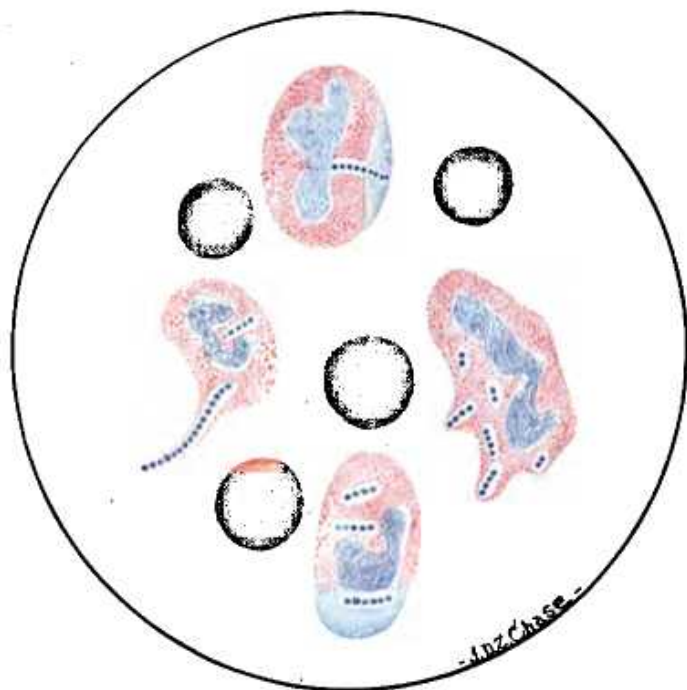
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HERBERT FOX

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PLATE I



White Cells of the Blood, Leukocytes, acting as Phagocytes or Devouring Cells; Streptococci in Chains being Consumed.

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BY *e*

HERBERT FOX, M.D.

DIRECTOR OF THE WILLIAM PEPPER LABORATORY OF CLINICAL MEDICINE IN
THE UNIVERSITY OF PENNSYLVANIA; PATHOLOGIST TO THE
ZOOLOGICAL SOCIETY OF PHILADELPHIA, ETC.
MAJOR, M. C., U. S. A.

THIRD EDITION, THOROUGHLY REVISED

ILLUSTRATED WITH 68 ENGRAVINGS AND
SIX COLORED PLATES



LEA & FEBIGER
PHILADELPHIA AND NEW YORK
1919

TO
MY WIFE



PREFACE TO THE THIRD EDITION.

THE revision of this book herewith presented is due to the need for certain changes and additions to bring it up to the state of information of the present year. It has no special military significance because the principles involved in the subject have changed little or none by developments in military medicine. It was, however, inevitable that some new matter with direct military applicability would have to be introduced, but this is in the line of adaptation and not of change in principles.

Attempts have been made to increase the value of the book to the nurse at the bedside by adding more details of practice, at the same time elucidating the principles upon which the practice is based so that it may be valuable to the teacher. It is hoped that the information is presented in such a manner that laymen may be interested and acquire some knowledge of transmissible disease.

The author wishes to express his appreciation of the kindly interest and assistance given him by the publishers, Messrs. Lea & Febiger, during the history of this book.

H. F.

CAMP ZACHARY TAYLOR,
1918.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial reporting and compliance with regulatory requirements. The text notes that incomplete or inaccurate records can lead to significant legal and financial consequences for the organization.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the use of advanced software solutions and manual data entry processes to ensure the integrity and accuracy of the information. The document also discusses the importance of data security and the implementation of robust protocols to protect sensitive information from unauthorized access and breaches.

3. The third part of the document focuses on the analysis and interpretation of the collected data. It describes how statistical methods and data visualization techniques are employed to identify trends, patterns, and anomalies within the dataset. The text stresses that a thorough understanding of the data is crucial for making informed decisions and developing effective strategies to address organizational challenges.

4. The fourth part of the document addresses the challenges and limitations associated with data collection and analysis. It acknowledges that data quality can be affected by various factors, such as incomplete reporting, human error, and changes in data sources over time. The document also discusses the importance of ongoing monitoring and evaluation to ensure the continued relevance and accuracy of the data used for decision-making.

5. The fifth part of the document provides a summary of the key findings and conclusions drawn from the analysis. It highlights the significant insights gained from the data and the implications for the organization's future operations. The text concludes by emphasizing the need for a continuous commitment to data-driven decision-making and the implementation of best practices to optimize performance and ensure long-term success.

PREFACE TO THE FIRST EDITION.

THE present work has been prepared to give the nurse and the beginner an idea as to the nature of microorganisms and their relation to the world's economy, especially in disease. For this reason much technical material has been omitted, especially in the subject of biological differentiation. Emphasis has been laid upon how bacteria pass from individual to individual, how they enter the body and act when once within, and their manner of exit. Such general information concerning the character of the disease process has been included as seemed necessary to clarify the nature of the microbe action. Indeed, the subject matter in many places is but elementary bacteriological pathology. During the preparation of the work the author has had in mind a question he has been asked repeatedly: How do bacteria produce disease? That this question is answered as simply and as well as our knowledge of today permits is the author's sincerest hope.

H. F.