

**ROENTGEN INTERPRETATION;
A MANUAL FOR
STUDENTS AND
PRACTITIONERS. PP. 1-221**

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Roentgen Interpretation; A Manual for Students and Practitioners. pp. 1-221 by George W. Holmes & Howard E. Ruggles

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GEORGE W. HOLMES & HOWARD E. RUGGLES

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UNIV. OF
CALIFORNIA

ROENTGEN INTERPRETATION

A MANUAL

FOR STUDENTS AND PRACTITIONERS

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PREFACE TO THE SECOND EDITION.

WE have taken advantage of the opportunity offered by a new edition to correct some of the defects of the previous one and to revise and enlarge the material throughout the book.

It is our hope that it will prove to be of some practical use to those undertaking this fascinating field of medicine.

G. W. H.

H. E. R.

PREFACE TO THE FIRST EDITION.

It is hoped that this book will prove of practical aid to those in search of a working knowledge of roentgen interpretation. The intention has been to present the essentials in a comprehensive form. More detailed information may be secured through the references to the recent literature, which will be found at the end of the chapters.

The illustrations have been chosen as types of lesions, or as momentary phases of constantly changing and extremely variable processes. The beginner should not attempt to make diagnoses from them by comparison with his own plates.

The necessity of a medical training as a prerequisite in this field is, of course, recognized, but the particular importance of thorough grounding in pathology is not always sufficiently plain. In attempting to study gross changes by means of shadows, a knowledge of pathology is as essential to the roentgenologist as anatomy to the surgeon.

G. W. H.

H. E. R.

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