

**HIGH FREQUENCY CURRENTS,  
THEIR PRODUCTION, PHYSICAL  
PROPERTIES, PHYSIOLOGICAL  
EFFECTS, AND THERAPEUTICAL  
USES**

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High frequency currents, their production, physical properties, physiological effects, and  
therapeutical uses by H. Evelyn Crook

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**H. EVELYN CROOK**

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# HIGH FREQUENCY CURRENTS;

Their Production, Physical Properties, Physiological  
Effects, and Therapeutical Uses.

BY

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SECOND EDITION.



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1909

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PREFACE  
TO THE SECOND EDITION.

THE favourable reception, gratefully acknowledged, already accorded to this work has led to the belief that the hope expressed in the first edition has been realized, and that the value of the judicious employment of high frequency currents in the treatment of some diseases is recognized by the medical profession, with the natural consequence that they are less exploited by incompetent people to the detriment of the public.

The whole book has now been carefully revised, and friendly criticisms duly considered. The portions relating to instrumentation and therapeutics have been, for the most part, rewritten; in the former all recent improvements are fully described, while in the latter a chapter dealing with the circulatory system has been added, and, at the risk of tediousness, the methods of procedure are plainly indicated.

The author again wishes to express his thanks to Mr. Geoffrey Pearce for valuable assistance, and also to the instrument makers for the kindly loan of blocks.

H. E. C.

*April, 1909.*





PREFACE  
TO THE FIRST EDITION.

IN submitting this book to the English-speaking members of the medical profession, the author hopes that it may in some way help to bring before the notice of medical men the undoubted therapeutical value of high frequency currents in certain pathological conditions.

On the Continent, and in the United States of America, the efficacy of the currents is well known, and much good work has been accomplished by their means; but in England, it would appear, they have not met with the recognition they deserve, possibly because they unfortunately have, in many instances, fallen into the hands of irresponsible, unqualified persons.

It cannot be too strongly insisted upon that the prescribing and administration of high frequency currents should be placed entirely in the hands of properly qualified medical practitioners, and not entrusted to others who may be devoid of any physiological or pathological knowledge. It stands to reason that a powerful agent, having far-reaching physiological effects, requires as much skill and discretion in its use as the exhibition of any drug in the Pharmacopœia.

It remains for the author to express a sense of deep gratitude to Mr. Clarence A. Wright, who has most

kindly allowed him free access to many of his manuscripts; to Mr. Geoffrey Pearce, who has been of great assistance in matters relating to instrumentation; and to various instrument makers who have kindly lent blocks for some of the illustrations.

H. E. C.

IVERMORE,  
TWICKENHAM, S.W.,  
*September, 1906.*

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