

**DEAFNESS; ITS VARIOUS
CAUSES, AND THEIR
SUCCESSFUL REMOVAL
BY ELECTROLYSIS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649509911

Deafness; Its Various Causes, and Their Successful Removal by Electrolysis by H. Campbell

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

H. CAMPBELL

**DEAFNESS; ITS VARIOUS
CAUSES, AND THEIR
SUCCESSFUL REMOVAL
BY ELECTROLYSIS**

DR. CAMPBELL

or

DEAFNESS.

DEAFNESS ;

ITS VARIOUS CAUSES, AND THEIR SUCCESSFUL
REMOVAL BY ELECTROLYSIS, &c.

BY

H. CAMPBELL, M.D.,

*Licentiate of the Royal College of Physicians of London, Member of the
Royal College of Surgeons of England, &c., &c.*

"In order that diseases of the ear may receive the attention their importance demands, aural medicine and surgery must endeavour to elevate itself, in a scientific and ethical point of view."—*ARCHIV FOR OHR-UND NASENHEILKUNDE.*



London :

LONGMAN, GREEN, READER, & DYER,
PATERNOSTER ROW, LONDON.

1872.

(All rights of translation reserved.)

151 . 0 . 258 .



UNWIN BROCKERS, PRINTERS.

PREFACE.

THE treatment of Deafness and other diseases of the ear by electricity, either alone or in combination with the usual means employed by aural surgeons, has occupied my time and attention for some years past.

Looking on Deafness as the opprobrium of the profession, I hoped, by travelling out of the ordinary routine, and employing so subtle and powerful, and yet so manageable and delicate an agent, to achieve, if not entire success, such a measure of improvement as had not yet been reached in the ordinary way of practice.

I was to a certain extent led to anticipate considerable benefit to my patients from the employment of electricity, as I had long been familiar with its singular and powerful influence in removing morbid growths and deposits in almost every structure of the body; and I naturally hoped it would exercise the same alterative and absorbent influence on those morbid deposits and thickenings

in the Ear on which 90 per cent. of all cases of Deafness depend. That these anticipations have been fully realised, the report of cases to be found in the following pages will fairly prove; and the success which has attended my labours, as well as the knowledge of what is being done in the same direction on the Continent and in America, warrant me in believing that a very reliable and potent remedy in the treatment of deafness has been found.

For the scientific principles on which my views and treatment are based, I beg to refer the reader to page 28 of this volume, to the works and contributions to medical journals of Althaus,* Brenner,† Moos,‡ Erb,§ Hagen,|| Beard¶ and Rockwell, and to my own published papers on the subject.**

H. CAMPBELL, M.D.

38, QUEEN ANNE STREET, CAVENDISH SQUARE.

* Medical Electricity. London. 1870.

† Untersuchungen und Beobachtungen, &c. Leipzig. 1869.

‡ Archives of Ophthalmology and Otology. Vol. I. No. 1. New York and Heidelberg.

§ Archives of Ophthalmology and Otology. Vol. I. No. 2. New York and Heidelberg.

|| Praktische Beiträge zur Ohrenheilkunde. Leipzig. 1866.

¶ Medical and Surgical Electricity. New York. 1871.

** Electro-Surgery. A clinical report of 24 cases of Deafness successfully treated by a new method, &c., &c.

CONTENTS.

CHAPTER I.

THE MECHANISM OF HEARING—EXTERNAL AND MIDDLE EAR	1
--	---

CHAPTER II.

THE INTERNAL EAR—PERCEPTIVE APPARATUS	11
--	----

CHAPTER III.

CAUSES OF DEAFNESS—THE MUCCOUS	17
---------------------------------------	----

CHAPTER IV.

MUCCOUS DEAFNESS—GENERAL PRINCIPLES OF TREAT- MENT	26
--	----

CHAPTER V.

CAUSES OF DEAFNESS—THE NERVOUS	36
---------------------------------------	----

CHAPTER VI.

NOISES IN THE HEAD—(<i>Tinnitus Aurium</i>)	42
--	----

CHAPTER VII.

SUMMARY OF TREATMENT AND REPORT OF CASES ILLUSTRATING IT	46
--	----

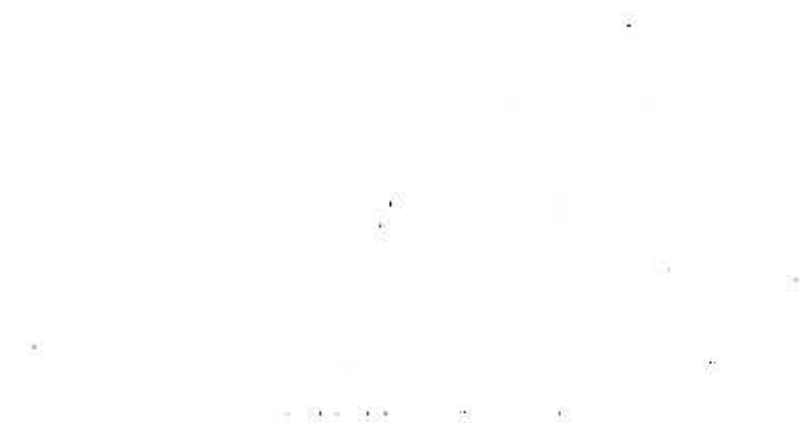


Figure 1: Evolution of the number of nodes in a network over time.



Figure 2: Evolution of the number of nodes in a network over time.