

**THE ADMINISTRATION OF
NITROUS
OXIDE AND OXYGEN
FOR DENTAL OPERATIONS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649500765

The Administration of Nitrous Oxide and Oxygen for Dental Operations by Frederic W. Hewitt

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Edited by Trieste Publishing Pty Ltd.

Cover @ 2017

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FREDERIC W. HEWITT

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THE ADMINISTRATION OF
Nitrous Oxide and Oxygen

FOR
DENTAL OPERATIONS

BY
FREDERIC W. HEWITT, M.V.O., M.A., M.D. CANTAB.

*Anæsthetist to His Majesty the King; late Anæsthetist to His Majesty King
Edward VII.; Physician-Anæsthetist to St. George's Hospital;
Consulting Anæsthetist and Emeritus Lecturer on Anæsthetics at
the London Hospital; late Anæsthetist at the London
Hospital, Charing Cross Hospital, and the Royal
Dental Hospital of London*

FOURTH EDITION

London
CLAUDIUS ASH, SONS & CO., LIMITED
5-12, BROAD STREET, GOLDEN SQUARE
PHILADELPHIA
THE S. S. WHITE DENTAL MANUFACTURING CO.
CHESTNUT STREET, CORNER TWELFTH

1911



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TO
THOSE
SURGEONS AND ASSISTANT SURGEONS
OF THE
ROYAL DENTAL HOSPITAL OF LONDON
WITH WHOM I WAS ASSOCIATED WHILST MAKING
MOST OF THE OBSERVATIONS HEREIN CONTAINED,
I VENTURE TO
DEDICATE
THIS LITTLE BOOK,
IN GRATEFUL RECOGNITION OF THEIR COURTESY
AND KIND ASSISTANCE.



PREFACE TO THE FOURTH EDITION.

IN spite of the fact that a considerable number of developments have taken place in practical anæsthetics since the appearance of the third edition of this book, there can be no doubt, I think, that the form of anæsthesia herein advocated still holds its own as the safest and best for the ordinary or routine operations of dental surgery.

It is gratifying to find that the main thesis originally put forward in these pages is now universally accepted, and that the comparatively crude method of administering nitrous oxide, which widely prevailed only a few years back, is gradually but surely losing the position it formerly occupied.

The principal, but by no means the only additions that have been made to the text of this edition, will be found in the chapter dealing with Exceptional Cases.

FREDERIC W. HEWITT.

London,
June, 1911.



PREFACE TO THE SECOND EDITION.

SINCE the appearance of the first edition of this little book, the system of administering oxygen with nitrous oxide has become firmly established in dental practice.

The only correction, worthy of the name, which it has been necessary to make in preparing the present edition, will be found in the first chapter. Thanks to a reference discovered and kindly furnished me by Messrs. Ash and Sons, it is now perfectly clear that the credit of first employing oxygen with nitrous oxide should be given to Andrews, of Chicago.

The only additional matter of any importance is to be found in Chapter II, which contains a *résumé* of the research to which reference was made in the Preface of the former edition, and also a description of a slight modification in my apparatus, by which I am enabled at any moment during an administration to suddenly increase the oxygen percentage to any desired extent, and so to successfully deal with exceptional cases.

FREDERIC W. HEWITT.

October, 1901.