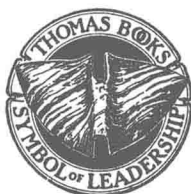


Outline of the Spinal Nerves

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Outline
of the
SPINAL NERVES

To the Memory of
PETER BASSOE, M.D.

*Late Emeritus Professor of Neurology (Rush)
in the
University of Illinois College of Medicine
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Attending Neuropsychiatrist, Presbyterian Hospital
Formerly
President, American Neurological Association*

My chief and friend for many
years who encouraged this
project and appeared pleased
with its dedication to him
during the week before his
sudden death on the fifth of
November Nineteen hundred
forty five.

FOREWORD

If full information on motor functions is wanted concerning either a root, nerve, or muscle, or if the neurologic aspects of a movement are desired, these cannot be found satisfactorily from a single table. Overlapping and space limitations are the difficulties. Most of such tables in neurologic texts are incomplete and contain errors and contradictions.

Hence in the first four parts I have prepared lists, as completely and correctly as I could, chiefly from Cunningham, Spalteholz, Morris, Benisty, Stookey, and Pollock and Davis, so that one can start with either root, nerve, muscle, or movement and obtain the data conveniently.

No attempt has been made to cover the numerous individual variations which are known, or the occasional disagreements between standard texts. In the latter cases I have made my own choices. The result represents an average human body.

The muscles have been numbered throughout the text in the order of their appearance under root origins, from above downward. This precludes an alphabetical arrangement but is more convenient if it is desired to refer quickly from one list to another. However, an alphabetical list is included for the reader who wishes to quickly refer to a particular muscle.

Origins and insertions of muscles are given in an abbreviated form but sufficiently for orientation and identification and to refresh the memory as to mechanisms. While many of the muscles are of little clinical importance and many cannot be specifically tested, they are all given here because, on occasions, one wishes he had a complete list including the rare offenders. An attempt has been made to bring some order to the chaos of the usually forgotten back muscles.

For the analysis of highly complex supplementary muscle actions and the varying sensory results in certain nerve lesions, the interested student is advised to consult Pollock and Davis.

I hope that additional data in Part V will fill the gaps and be sufficient for ordinary needs. In this section the diagrams of peripheral nerve and dermatome areas gave me the most trouble and the least satisfaction. The variations between standard texts in this field are amazing. The results are the best compromise I could reach and should be taken only as such.

In spite of repeated checking and double-checking I can hardly expect that such a body of details has been produced without errors. Information concerning such will be appreciated.

This volume is intended to supplement my previous *Outline of the Cranial Nerves* published by the University of Chicago Press, 1933.

J. F.

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To W. B. Saunders Company, Mr. Tom Jones, and Dr. Percival Bailey go my thanks for permission to use two figures, "Distribution of Spinal Nerve Roots" from the new *Manual of Surgical Anatomy* by Tom Jones and W. C. Shepard.

Miss Ruth Coleman of the Illustration Studios of the University of Illinois College of Medicine has faithfully followed orders in the production of the diagrams, and has my gratitude.

Mrs. Geraldine Feeney did an unusually difficult job in typing my manuscript and her efficiency was much appreciated.

J. F.

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