

RADIOLOGICAL STUDY
OF THE
PARA-NASAL SINUSES
AND MASTOIDS
GRANGER



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A RADIOLOGICAL STUDY

OF THE

PARA-NASAL SINUSES AND MASTOIDS

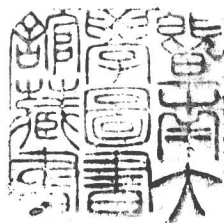
BY

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NEW ORLEANS

Gold Medal of the Radiological Society of North America in 1926
Gold Academic Palms of France in 1929

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PREFACE.

THIS study was begun in 1922 at the urgent solicitation of my oto-laryngological colleagues in New Orleans who had felt the need for radiographs furnishing fuller anatomical details in and more accurate boundary landmarks for the sphenoid sinus and the ethmoid cells. And also because as the Director of the Department of Radiology of a large general hospital (Charity Hospital of Louisiana with a capacity of 1756 beds) I had felt the imperative need for a simplified and standardized technique by means of which it would become possible to make radiographs of the para-nasal sinuses of the same subject at different times when necessary for comparative study, which if they were not exact duplicates would at least show clearly that they were radiographs of the same head.

My initial success with the sphenoid and ethmoids served as a potent incentive to extend this study to the adult mastoid and later to the infantile mastoid. The results of these studies were made the subject of several contributions read before medical societies and published later in medical periodicals. Reprints of these articles were gladly sent to those who wrote for them, but for some time now my supply has been exhausted and I can no longer do so.

Because of that and further because of the insistent and expressed wish of numerous professional friends of both the oto-laryngological and radiological specialties that I compile these articles in a work which would also contain reproductions of my private exhibits of radiographs at the Charity Hospital, this monograph was written and so arranged that the illustrations, which include practically that entire exhibit, are made instantly available for study and reference.

In reality this is more than a mere compilation of my published

articles, because a number of interesting observations and radiographs culled during the last five years from the wealth of material at my disposal at the Charity Hospital are published here for the first time. During these five years over 6000 examinations of the para-nasal sinuses and 1800 of the mastoids were made.

I wish to express my thanks to the members of the Visiting and House and X-ray Staffs of the Charity Hospital, in particular to Drs. George J. Taquino, Philip H. Jones, Jr., and Spencer B. McNair, and to the members of the New Orleans Eye, Ear, Nose and Throat Club who gave so generously of their advice, encouragement and assistance.

A. G.

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