



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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شبكة المعلومات الجامعية
التوثيق الالكتروني والميكرو فيلم



بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد
بالاصل

**NASAL POLYPOSIS, STANDARDIZATION
OF TREATMENT MODALITIES:
A CLINICO-PATHOLOGICAL STUDY**

THESIS

*Submitted For Partial Fulfillment of
The Degree of M.D.
In
Otorhinolaryngology*

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2001

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:



وَقَدْ رَجَىٰ زَكَاةً مِنْ عِلْمًا

صَدَقَ اللَّهُ الْعَظِيمُ

سُورَةُ طه (آيَةٌ ١١٤)

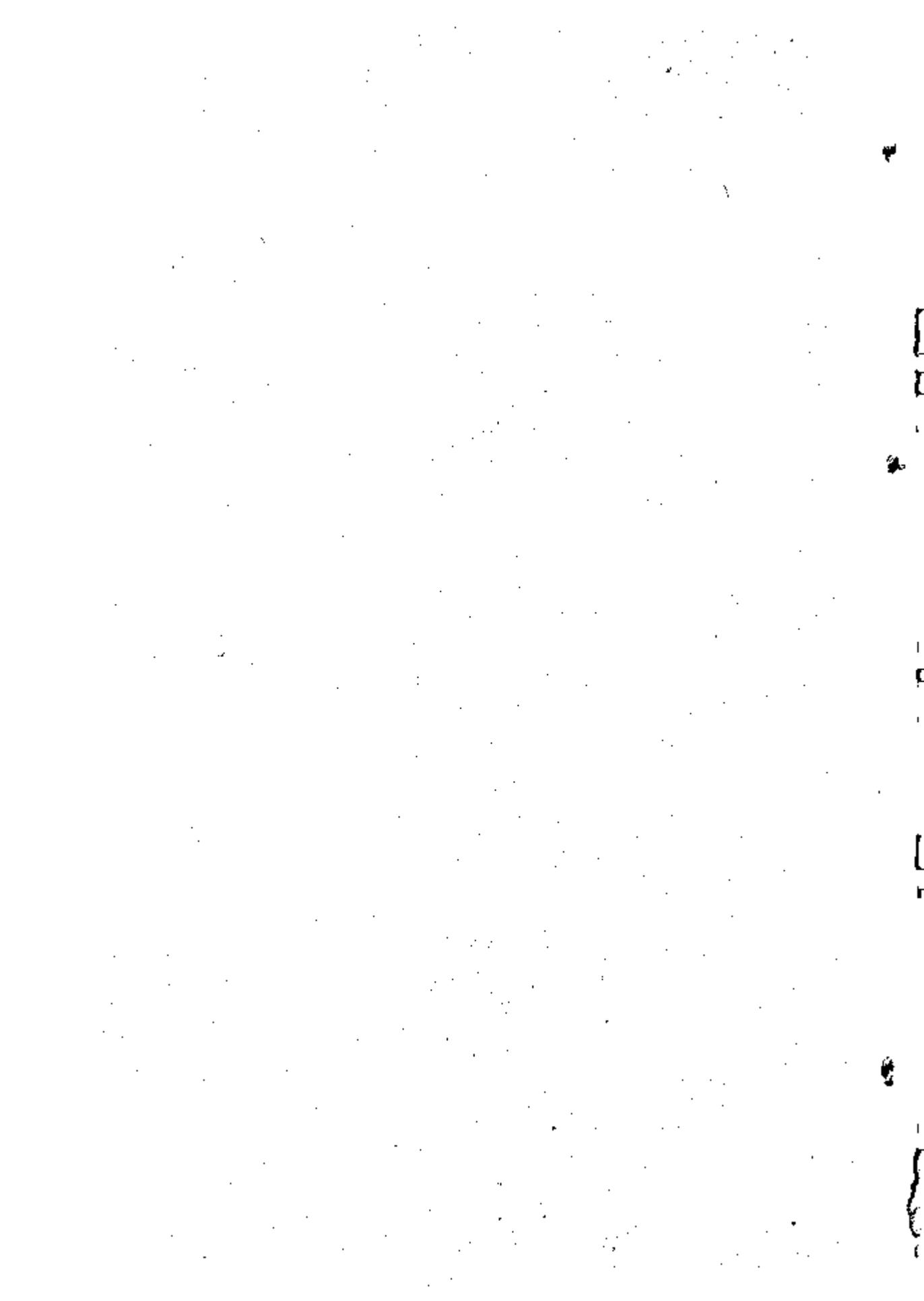
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TO :

MY WIFE

AND

MY SON



ACKNOWLEDGEMENT

First of all, I do thank ALLAH for the gifts given to me.

I wish to express my sincere thanks to my great brother Prof. Dr. Mohamed Adel Lotfi, Prof. of Otolaryngology for suggesting such interesting subject, and for his advices and help that paved the way for me to finish the research.

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ABSTRACT

Name : Abdel Wahab Mohamed Abdel Wahab

Title : "Nasal polyposis, standardization of treatment modalities: a clinico-pathological study"

Degree : Doctor of Medicine (Otorhinolaryngology). Faculty of Medicine, Ain Shams University.

Nasal polyposis is one of the most common lesion of the nasal cavity. Too much debate exists around their etiology, pathogenesis and also the exact cause is unknown. So the treatment results are frustrating for both the patient and the clinician.

In a trial to understand the etiology and pathogenesis of nasal polypi, we tried to investigate the role of cytokines in their formation by estimating the level of transforming growth factor-Beta₂ (TGF- β_2) as a parameter of non-allergic inflammatory process and interleukin-4 (IL-4) as a parameter of allergic process in both polyp and turbinate of the study group comparing the results with specimens taken from turbinates free from the disease.

Also, we compared different treatment modalities and studied their effect clinically and the changes of cytokines level under each treatment modality and compared the clinical results with the biochemical results which may add importance to the role of cytokines.

The results showed a highly significant statistical difference of TGF- β_2 level between polyp and turbinate of the study group, and also between recurrent and non-recurrent nasal polypi. At the

same time, a high significant statistical difference of TGF- β_2 level between the turbinates of the study and the control groups.

The results also, showed a highly significant statistical difference of IL-4 level between the turbinates and polyp of the study group being higher in turbinates.

The results suggested that many cytokines are produced in nasal polypi, and that responsible of inflammation may play an important role in their pathogenesis as self-perpetuating process, and that allergy may not play a fundamental role in the pathogenesis of nasal polyposis, but it may be an underlying cause.

Regarding the effects of medical treatment, the results showed that systemic steroids may be the first line of choice for nasal polyposis and it can be an alternative to surgical removal "medical polypectomy".