



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Ain Shams University Information Network
جامعة عين شمس

شبكة المعلومات الجامعية

@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة



بالرسالة صفحات لعم ترد بالاصل

CARTILAGE GRAFTING IN RECONSTRUCTIVE SURGERY OF CHRONIC SUPPURATIVE OTITIS MEDIA

Thesis submitted in partial fulfillment of M.D degree
In
Otorhinolaryngology

By
ASHRAF GAMAL ELDIN IBRAHIM
M.B., B. Ch., M.Sc. (ENT)

Supervised By

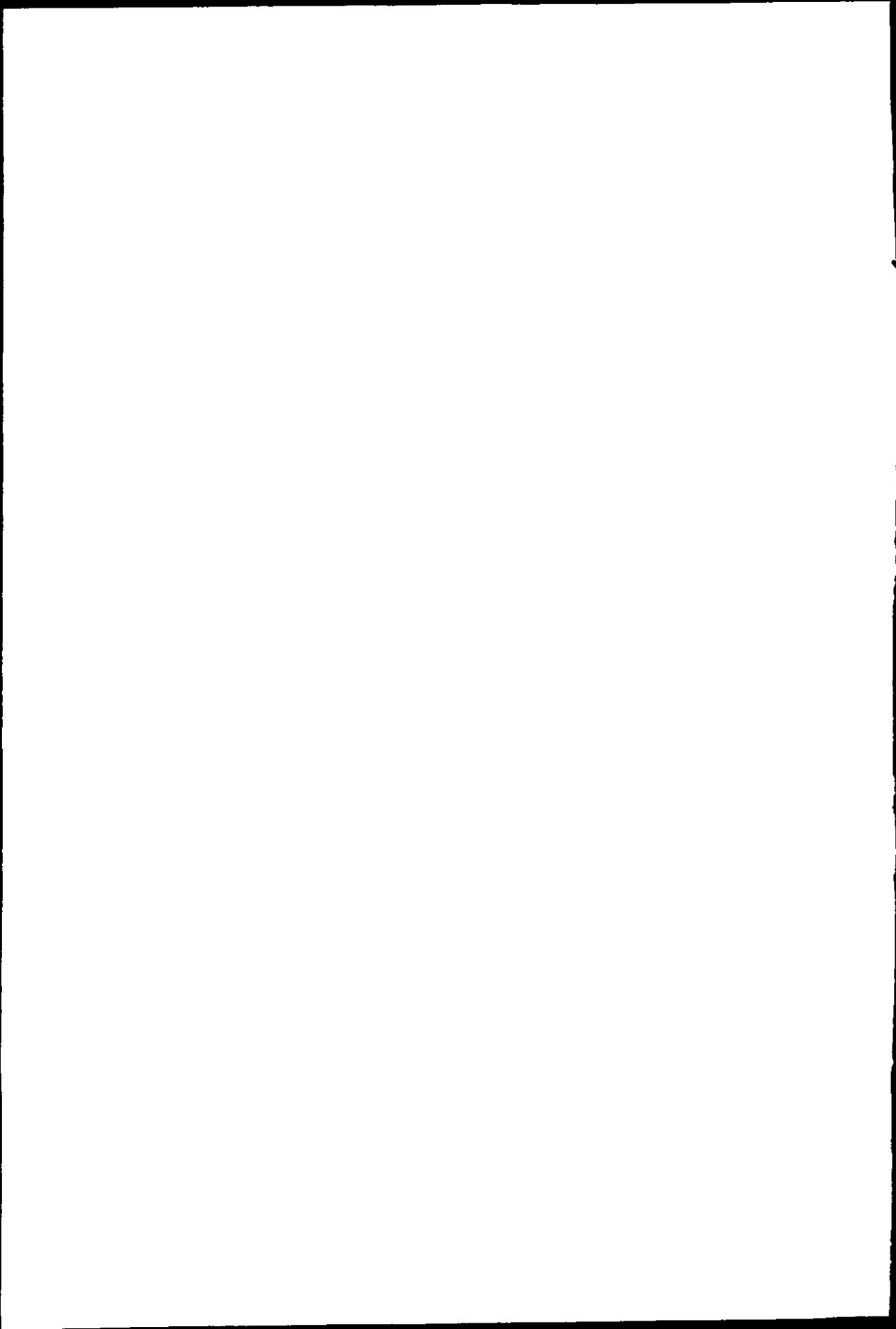
Prof. Dr. SHERIF ALI SHAABAN
Professor of ENT
Cairo University

DR. HADY SALAH ABDELAZEEM
Assistant Professor of ENT
Cairo University

DR. MONDY ABDELHAMID NOURELDIN
Lecturer of ENT
Cairo University

**Faculty of Medicine
Cairo University
2002**

1/11/02
S



محضر

اجتماع لجنة الحكم علي الرسالة المقدمة من

الطبيب / أشرف جمال الدين إبراهيم

توطئة للحصول علي درجة الماجستير / الدكتوراه

في الأذن والأنف والحنجرة

=====

CARTILAGE TYMPANOPLASTY : بالغة الإنجليزية : IN RECONSTRUCTIVE SURGERY OF CHRONIC SUPPURATIVE OTITIS MEDIA

بالغة العربية : استخدام الغضروف في عمليات الترقيع في حالات الالتهاب الصديدي المزمن للأذن
الوسطى

بناء علي موافقة الجامعة بتاريخ ٢٠٠٢ / ٦ / ٣٠ تم تشكيل لجنة الفحص والمناقشة للرسالة المذكورة

أعلاه علي النحو التالي :-

عن المشرفين

١) أ. د شريف علي شعبان

ممتحن داخلي

٢) أ. د محمد عبد الرحمن حجازي

ممتحن خارجي

٣) أ. د حسن طه أبو الوفا (الأزهر)

بعد فحص الرسالة بواسطة كل عضو منفردا وكتابة تقارير منفردة لكل منهم انعقدت اللجنة مجتمعة في يوم

في يوم الثلاثاء بتاريخ ٢٠٠٢ / ٦ / ٣٠ بقسم الأذن والأنف والحنجرة بمدرج بقاعة الاحتفالات بالكلية .

بكلية الطب - جامعة القاهرة وذلك لمناقشة الطالب في جلسة عليية في موضوع الرسالة والنتائج التي توصل إليها وكذلك

الأسس العلمية التي قام عليها البحث .

قرار اللجنة : _____

قبول الرسالة _____

توقيعات أعضاء اللجنة :-

الممتحن الخارجي

الممتحن الداخلي

المشرف الممتحن







The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses and income. The document also highlights the need for regular reconciliation of bank statements and the company's records to identify any discrepancies early on.

Furthermore, it stresses the importance of transparency and accountability in financial reporting. Management should ensure that all stakeholders have access to the necessary information to make informed decisions. This involves providing clear and concise reports that are easy to understand and free from bias or manipulation.

In addition, the document outlines the role of internal controls in preventing fraud and errors. It suggests implementing a system of checks and balances that involves different departments and individuals in the review process. This helps to minimize the risk of misstatements and ensures that the financial data is reliable and accurate.

Finally, the document concludes by stating that good financial management is essential for the long-term success of any organization. By following these principles and practices, companies can ensure that their financial records are accurate, transparent, and reliable, which is crucial for building trust and maintaining a strong financial position.

ABSTRACT

Numerous grafting materials could be used in tympanoplasty either autografts or homografts. Still, temporalis muscle fascia & perichondrium are the most common grafts to be used. In this study we used tragal or conchal cartilage as a graft material for tympanoplasty in addition to the previous two types. Sixty patients were included in this study & were classified according to the graft type into three groups (20 patients in each group). As a conclusion we found that cartilage had a better graft taking with the same audiological results in comparison to the other two types

(Key Words: Cartilage—Perichondrium—Fascia—Graft— Tympanoplasty).

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses, income, and transfers.

The second part of the document provides a detailed explanation of the accounting cycle. It outlines the ten steps involved in the process, from identifying the accounting entity to preparing financial statements. Each step is described in detail, with examples provided to illustrate the concepts.

The third part of the document discusses the various types of accounts used in accounting. It explains the difference between assets, liabilities, and equity accounts, and how they are classified. It also discusses the importance of understanding the normal balances for each type of account.

The fourth part of the document provides a comprehensive overview of the accounting equation. It explains how the equation is used to verify the accuracy of the accounting records and how it changes over time as transactions occur.

The fifth part of the document discusses the importance of adjusting entries. It explains how these entries are used to ensure that the financial statements reflect the true financial position of the company at the end of the accounting period.

The sixth part of the document provides a detailed explanation of the closing process. It outlines the steps involved in closing the temporary accounts and transferring their balances to the permanent accounts.

The seventh part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements.

The eighth part of the document provides a detailed explanation of the accounting cycle. It outlines the ten steps involved in the process, from identifying the accounting entity to preparing financial statements.

The ninth part of the document discusses the various types of accounts used in accounting. It explains the difference between assets, liabilities, and equity accounts, and how they are classified.

The tenth part of the document provides a comprehensive overview of the accounting equation. It explains how the equation is used to verify the accuracy of the accounting records and how it changes over time as transactions occur.

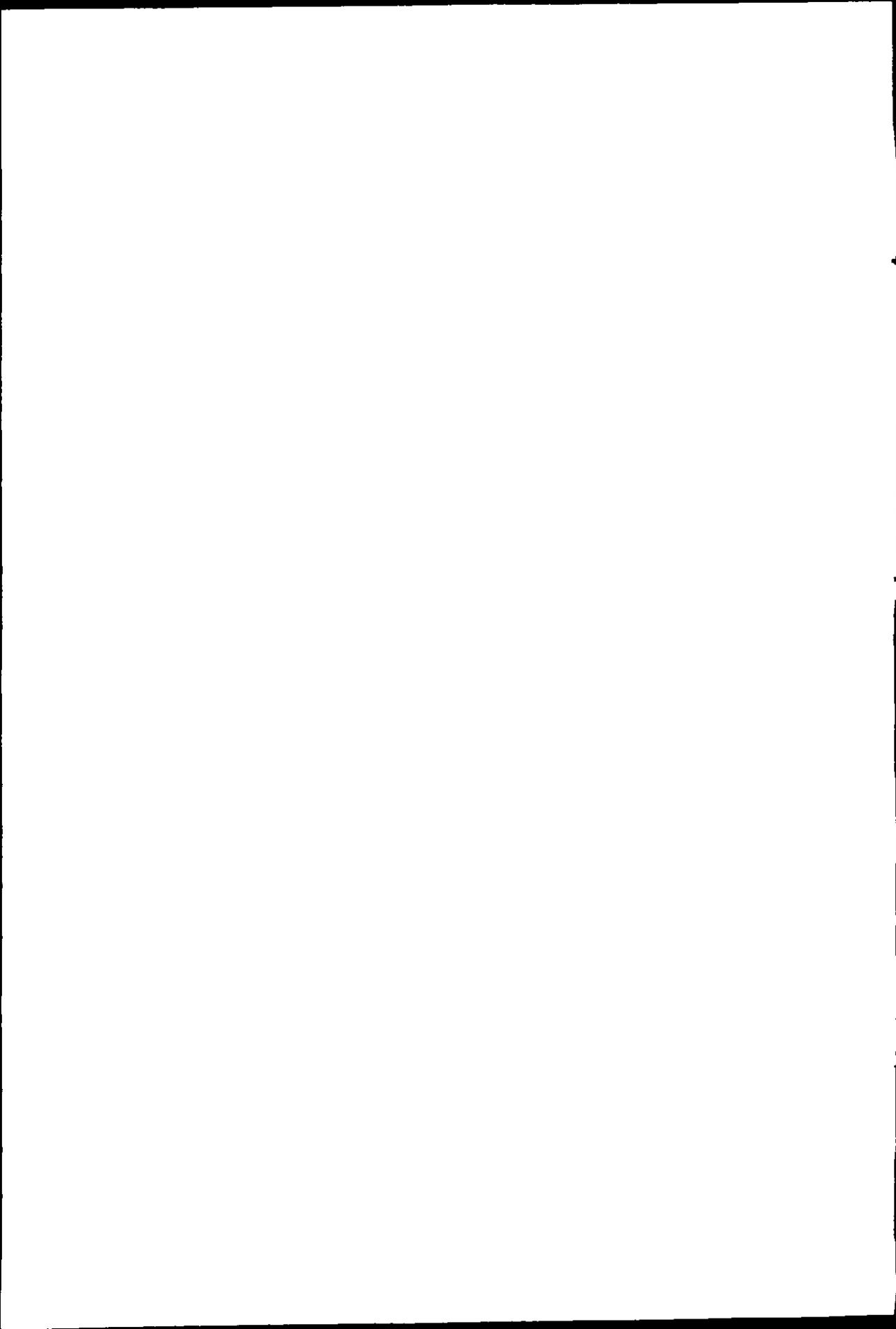
ACKNOWLEDGEMENT

I wish to express my deepest gratitude to Professor, **Dr.Sherif Shaaban**, professor of ENT, Cairo University, for his supervision, great assistance and encouragement during the preparation and writing of this thesis.

A special thanks to **Dr.Hady Salah** Assistant professor of ENT, Cairo University, for his supervision, guidance, advice and continuous support throughout the work.

I am indeed grateful to **Dr.Mondy Abd El Hamid**, lecturer of ENT, Cairo University, for his valuable suggestion, his sincere help and valuable guidance which helped me in preparing this work.

Special thanks are extended to **Dr. Hossam Abd El Ghaffar** , lecturer of Audiology, Cairo University, for his co-operation and assistance, that paved the right path to fulfill this work.



CONTENTS

	Page
Acknowledgement	
Chapter (1) Introduction & Aim of the work	
1.1 Introduction	1
1.2 Aim of the work	4
Chapter (2) Review of literature	
2.1 Physiological considerations	5
2.2 Tympanic membrane grafting	8
2.3 Grafting techniques	14
2.3.1 Underlay grafting	16
2.3.2 Overlay grafting	22
2.4 Graft materials	28
2.4.1 Skin and mucous membrane grafts	30
2.4.2 Vein grafts	37
2.4.3 Areolar tissue and fat grafts	39
2.4.4 Dural homografts	41
2.4.5 Corneal homografts	45
2.4.6 Temporalis fascia grafts	48
2.4.7 Tragal perichondrium grafts	51
2.4.8 Cartilage grafts	54

