بسم الله الرحمن الرحيم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

MONA MAGHRABY

شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

MONA MAGHRABY

COMPARISON OF THE EFFECT OF DIFFERENT IMPLANT CONNECTIONS ON STRESS DISTRIBUTION AROUND DENTAL IMPLANTS (IN VITRO STUDY)

A Thesis submitted to department of oral Medicine, Periodontology, Oral Diagnosis and Radiology for partial fulfillment of the requirements for the master's degree in Periodontology

Submitted by

Moustafa Mahmoud Soliman

B.D.S Faculty of Dentistry, Alexandria University, 2012

SUPERVISORS

Prof. Dr. Nevine Hassan Kheir El Din

Professor of Oral Medicine, Periodontology and Oral Diagnosis
Faculty of Dentistry, Ain Shams University

Dr. Mohamed Wagdy Bissar

Lecturer of Oral Medicine, Periodontology and Oral Diagnosis
Faculty of Dentistry, Ain Shams University

Faculty of Dentistry, Ain Shams University

2020

ACKNOWLEDGEMENT

I wish to express my sincere admiration and awe to ***Prof. Dr. Nevine Hassan Kheir El Din****; Professor of Oral Medicine, Periodontology and Oral Diagnosis, Faculty of Dentistry, Ain Shams University, for her patience, motivation, enthusiasm, and immense knowledge. Her guidance helped me throughout the writing of this thesis. I could not have imagined having a better advisor and mentor for my Master's study. And for the chance she gave me to approach this research. Also, for her devoting much of her time and effort in the supervision of the thesis.*

A special thanks goes to ***Dr. Mohamed Wagdy Bissar***; *Lecturer of Oral Medicine, Periodontology and Oral Diagnosis, Faculty of Dentistry, Ain Shams University, for his remarkable help, advice and precious time spent reviewing my papers.*

I would also like to express my gratitude to all the staff of Oral Medicine, Periodontology and Oral Diagnosis and Radiology department, for their assistance and guidance.

My deepest gratitude to ***Kamal Ghamry Metwally****, Associate Professor, Civil Engineering Department, Faculty of Engineering, Beni-Suef University for his sincere efforts. We could not have completed our research without his efforts.*

I would also like to acknowledge my friends and colleagues the unknown soldiers behind this thesis, on the top of the list: ***Dr. Doaa Adel, Dr. Heba Youssef, Dr. Rania Ehab and Dr. Hussien Ezz.*** *I could not have done it without their support.*

Last but not least, my lovely wife and supportive Family.

List of Contents

LIST OF TABLES

LIST OF FIGURES