

OSSEOINTEGRATED IMPLANTS  
IN  
MICROVASCULAR FIBULA FREE FLAP  
RECONSTRUCTED MANDIBLES

*(Clinical Study)*

Thesis

**Submitted to Oral Surgery Department,  
Faculty of Oral and Dental Medicine,  
Cairo University.**

**For Partial fulfillment of the Requirements for  
Doctor's Degree in Oral Surgery**

By

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تقييم الغرسات المتداخلة عظميا في حالات  
إعادة بناء الفك السفلى بشرائح حرة من  
عظمة الشظية معاد تغذيتها دمويا

مقدمة إلى قسم جراحة الفم والأسنان - جامعة القاهرة  
بإهداء جزئيا لشروط الحصول على  
درجة الدكتوراه

الطبيب / طارق إبراهيم النمر

أوربوس طب الفم والأسنان  
ماجستير جراحة الفم وطرق التشخيص  
والأشعة وبياثولوجيا الفم  
ثلية طب الفم والأسنان  
جامعة القاهرة





## DEDICATION

*✦ Every word of this thesis had been inspired by the spirit of my beloved late parents as if for unhesitatingly dedicated this work to their precious memory.*

*✦ I also would like to dedicate it. To my dear wife & my sons Yousef & Mohamed.*

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**UNDER THE SUPERVISION OF**

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا  
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ﴾

صَلَّى  
اللَّهُ  
الْعَظِيمُ

سورة البقرة الآية (٣٢)

## تحت إشراف :

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