

**STANDARDIZATION AND TEST RETEST RELIABILITY  
OF LOUDNESS SCALING IN EGYPTIAN  
POPULATION**

*A Thesis*

Submitted in Partial Fulfillment of the Master Degree in Audiology

*By*

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(M.B.B.Ch.)

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*Faculty of Medicine  
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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

سورة البقرة آية ٣٢



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**DEDICATION**

*To*

*NORAN*

*And*

*HASSAN*



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*INTRODUCTION AND  
RATIONALE*



