بسم الله الرحمن الرحيم

قال رب اشرح لى صدرى۞ ويسر لى امرى۞
واحلل عقدة من لسانى۞يفقهوا قولى۞

صدق الله العظيم

آيات ٢٥،٢٦،٢٧،٢٨

سورة طه

Effect of Mechanical Preparation and Sterilization on the Topographical Characteristics and Metallographic Structure of RaCe Ni-Ti Rotary Instruments (An In Vitro Study)

A Thesis Submitted to the Faculty of Oral and Dental Medicine, Cairo University in the Partial Fulfillment of the Requirements for the Master Degree

In

Endodontics

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Dedication

I would like to dedicate this work to my loving mother, to my dear father and to my helpful brother for their encouragement and support.

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