

Antimicrobial Effect of Bioactive Glass Nano-particles as an Intra- Canal Medicament; (In vitro study)

Thesis

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By

Mohammed Aslam Esmail Ahmed

B.D.S. (2009)

University of Science and Technology - sana'a

*Faculty of Dentistry,
Ain Shams University
2016 – 2017*

Supervised by:

Dr. Kariem Mustafa El-Batouty

*Professor of Endodontic,
Faculty of Dentistry, Ain Sham University*

Dr. Maram Farouk Obeid

*Associate Professor of Endodontic,
Faculty of Dentistry, Ain Shams University*

*Faculty of Dentistry,
Ain Shams University
2016 – 2017*

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿ قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

﴿ إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم
الآية (32) سورة البقرة

Dedication

To my great *father* and my lovely *mother*...the source of encouragement and inspiration to me throughout my life.

To my *brothers, sisters* & my loyal *friends* for their special & great support and help.

To my lovely *wife & children* for being in my life and for her great support.

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Introduction