قَالُوا سُبْحَاثَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَمْتَنَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا أَنْتُ الْعَلِيمُ الْآلِكَ الْمُنْ الْعَلِيمُ الْمُورَةِ البقرة (٣٢) الْحَكِيمُ المورة البقرة (٣٢)

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# Root canal cleanliness following different preparation sizes and irrigation regimens

Thesis

Submitted to the Faculty of Dentistry,

Ain Shams University

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By

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باحث خواص المواد المركز القومي للبحوث

#### **Dedication**

To my lovely parents who supported me all the way, my wonderful sister and brother for making it fun to work at home ...

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