



# **Evaluation Of New Rotary Nickel Titanium Systems In Canal Preparation & Obturation (Laboratory & Clinical Study)**

Thesis submitted for partial fulfillment of Ph.D.  
degree in Endodontics

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا

عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ"

صَدَقَ اللَّهُ الْعَظِيمُ

آيَةُ 32 مِنْ سُورَةِ الْبَقَرَةِ

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## **Dedication**

*To my beloved Father, my superhero, my  
closest friend,  
I never felt his absence as he is always in my  
mind & heart.*

*To my great mother, brother and wife, I'm  
lucky to have you in my life... Thank you for  
everything*



# تقييم نظامين دوارين من النيكل تيتانيوم فى تحضير القنوات وحشوها (دراسة معملية وإكلينيكية)

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