

# Bending and torsional behavior of three rotary NiTi files and stress distribution during instrumentation of curved root canals (Finite Element Study)

Thesis submitted to the Faculty of Dentistry-Ain Shams
University for partial fulfillment of the requirements for the
Doctor's degree in Endodontics

By

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# **Dedication**

To my Great Father and Mother

To my Dear Husband

To my lovely girls

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