Acknowledgment

Before and above all, my optimal thanks to **ALLAH** for completing this work.

I wish to express my sincere thanks and appreciation to **Prof. Dr. Hala Mostafa El Hady**, Professor of Public Health and Community Medicine,

Benha Faculty of Medicine for her great effort, continuous encouragement through this work.

Also, my deepest thanks to **Prof.Dr. Fateheya Mohamed Metwally**, Professor of Occupational and Environmental Medicine, National Research Centre, for her sincere directions, meticulous supervision, continuous advice and constant encouragement.

My deepest gratitude and appreciation to **Prof. Dr. Mahmoud Fawzy El Gendy**, Professor and Head of Public Health and Community Medicine
Department, Benha Faculty of Medicine, for his great effort, continuous
encouragement, kind guidance and support through this work.

Also, My great appreciation to Assistant Prof. Safaa Mohamed Elserougy, Assistant Professor of Public Health and Environmental Medicine, National Research Centre, for her effort. She has generously devoted much of her time and effort for accomplishing this work.

I am also grateful to all my professors and colleagues in the National Research Centre and in Public Health and Community Medicine Department, Benha Faculty of Medicine, for their cooperation and help.