Acknowledgment
ACKNOWLEDGMENT

It is indeed my pleasant privilege to express my sincere gratitude to my respected teacher and supervisor Prof. M. Konar, FRCOG, Head of the Dept. of Gynaecology and Obstetrics, Medical College Hospitals, Calcutta for her constant supervision, worthy suggestions and wise counsel throughout the entire period of this study.

I take this opportunity to express my indebtedness to Dr. D. K. Roychowdhury, Ph.D., Prof. and Head of the Dept. of Biochemistry, Medical College Calcutta and Dr. Ashok G. Dutta, Ph.D. Scientist-E, Head of the Dept. of Physiology and Biochemistry, Indian Institute of Experimental Medicine, Calcutta for their helpful guidance, expert supervision and keen interest in my work.

I sincerely offer my appreciations and thanks to the following persons for their kind help and co-operation during the course of this study -

Dr. N. N. Roychowdhury, MD, FRCOG, Ph.D. - Professor of Gynaec. & Obst., Eden Hospital, Medical College Calcutta.

Prof. Shyamal Sen, MD, FRCP, Neurologist and Professor Director of Medicine, Institute of Post-graduate Medical Education and Research, Calcutta.

Dr. B. Roychowdhury, MD, FRCP, Ph.D, Head of Neurology Unit, Medical College Hospitals, Calcutta.
Dr. R. N. Roy, MD, Haematologist and Professor –
Director of Medicine, Medical College, Calcutta.

Mr. Tapan K. Chakraborty, B.Sc, S.I.A., I.I.E.M.
Director and Staff of Alipore Meteorological Office,
Calcutta.

Dr. R. N. Chakraborty, Director (Retd.), Indian
Institute of Experimental Medicine, Calcutta.

Dr. B. K. Bachawat, Director, Indian Institute of
Experimental Medicine, Calcutta.

Dr. J. B. Mukherjee, Ph. D., Acting Principal,
Medical College, Calcutta.

Dr. B. Chakraborty, MD, Ph.D., Former Principal,
Medical College, Calcutta.

Mr. Subrato Basu (Statistician), Mr. Maikap and
Mr. S. R. Kayal – C. M. P. O.

Members and Staff of the Departments of Biochemistry
Neurology, Radiology, Retina Research Centre, Medical College
Calcutta.

Last but not the least I must place my heartfelt
thanks to the teachers, other members and staff of Eden
Hospital as well as the patients, but for whose co-operation
this work would not have been completed.

[Signature]

- DR. RATNA DAS, M.D.