ACKNOWLEDGEMENT

I wish to express my sincere thanks and my deep sense of gratitude to my Guide Prof. (Dr). SANTHOSH JOSEPH M.D. DMRD, Head of the Department of Radiology for his invaluable guidance and constant encouragement, personal attention and suggestions throughout this study.

With a deep sense of gratitude and great pleasure, I thank Prof. (Dr). N. SANJEEVA REDDY, M.D, DGO, Head of the Department of Obstetrics and Gynaecology and Prof. J. Thanka, Dept. of Pathology, the Advisors of this study without whose help & guidance this thesis would have been incomplete.

I am also grateful to Prof. (Dr).ANUPAMA CHANDRASEKARAN, and Prof. (Dr). P.M.VENKATASAI, since it is their valuable time, help and guidance extended to me without any hesitation made the contents of this dissertation a possibility.

No amount of appreciation and gratitude can be considered excessive to our beloved Prof. (Dr). J.D.ROY SANTHOSHAM, Prof. (Dr). BHAWNA DEV, Dr. JAIPRAKASH SRINIVASAN and Dr. HARSHA C. CHADAGA, who helped me and guided me throughout the course of this study with their valuable suggestion and advice.
I would also like to express my gratitude and humbly thank each and every Faculty of the Radiology department who helped me with their time and advice during this study.

I am also grateful to Faculties of Dept. of Obstetrics & Gynaecology, Dept of Pathology, Dept. of Paediatrics, Dept. of Paediatric Surgery who helped me to complete the study in their patients.

I wish to thank Dr. G. Thangavel for his kindly help and guidance throughout this thesis, especially in Statistical Analysis. I am grateful to Mr. Sridhar, Mrs. Sheila, Mr. Senthil and Ms. Mohana priya, MR technologists for helping me throughout this thesis.I wish to thank Post graduates, Staff, Dept of Radiology and friends who have helped me during the study.

No medical thesis can be complete without the helpful participation of patients who are responsible for enriching its contents. I express my sincere and grateful appreciation for them.

Last but not the least, all this work would have been impossible without the blessings of the Almighty and the support given to me by my parents Mr. V. Rangasami, Mrs. D.Dhanalakshmi and family members for their constant encouragement, patience and support in the time I needed.

R. RAJESWARAN