

# CONTENTS

| Items                                                | Page No. |
|------------------------------------------------------|----------|
| * INTRODUCTION .....                                 | 1        |
| * AIM OF THE WORK .....                              | 3        |
| * ANATOMY .....                                      | 4        |
| - Anatomy .....                                      | 4        |
| - U.S. Anatomy .....                                 | 13       |
| - CT. Anatomy.....                                   | 16       |
| - M.R. Anatomy.....                                  | 22       |
| *IMAGING TECHNIQUES.....                             | 24       |
| * DISORDERS OF THE ADRENAL GLAND IN<br>CHILDREN..... | 30       |
| I- Adrenal Cortex .....                              | 30       |
| II-Adrenal Medulla .....                             | 58       |
| III- Adrenal Cortex and Medulla.....                 | 78       |
| *ILLUSTRATIVE CASES .....                            | 88       |
| * DISCUSSION .....                                   | 109      |
| *SUMMARY AND CONCLUSION.....                         | 118      |
| *REFERENCES .....                                    | 119      |
| *ARABIC SUMMARY.....                                 |          |