

# Contents

	<b>Page</b>
<b>Introduction</b>	1
<b>Anatomy of the Aorta</b>	3
- Gross anatomy	3
- Histology	17
<b>Classification</b>	20
<b>Incidence &amp; etiology</b>	24
<b>Pathology</b>	27
<b>Diagnostic strategy</b>	32
- Clinical presentations	32
- Investigations.	36
1- Laboratory	36
2- Radiological	37
<b>Therapeutic strategy</b>	61
- Initial management	62
- Immediate medical management	64
- Operative surgical therapy	70
1- General consideration	70
2- Operation for proximal dissection	83
3- Operation for distal dissection.	94
- Surgical endovascular stent grafting	101
- Malperfusion of aortic branches.	103
1- Percutaneous aortic stent grafting	106
2- Branch stent grafts.	110
<b>Follow –up care and results</b>	113
<b>Summary</b>	120
<b>References</b>	124
<b>Arabic summary</b>	