

Table of Contents

List of Contributors vii

Foreword x

Preface xi

- 1 Anatomy of the Human Ureter 1
- 2 Anatomic Variations of the Ureter 10
- 3 The Pathophysiology of Upper Tract Obstruction 16
- 4 Physiology of the Human Ureter 29
- 5 Etiology of Ureteric Obstruction 48
- 6 The Role of the Interventional Radiologist in Managing Ureteric Obstruction 55
- 7 Emergency Management of Ureteric Obstruction 67
- 8 The History and Evolution of Ureteral Stents 75
- 9 Ureteral Stent Materials: Past, Present, and Future 83
- 10 Physical Characteristics of Stents 91
- 11 Coated and Drug -Eluting Stents 102
- 12 Coated and Drug -Eluting Ureteric Stents 110
- 13 Ureteric Stents: A Perspective from the Developing World 118
- 14 Ethical Issues in Ureteric Stenting 130
- 15 Equipment and Technical Considerations During Ureteric Stenting 136
- 16 Extra -Anatomic Stent Urinary Bypass 149

17 Detour Extra -Anatomical Ureteric Stent	161
18 Tandem Ureteral Stents	175
19 Biodegradable Ureteric Stents	182
20 Metallic Ureteric Stents	192
21 Removal of Ureteric Stents	203
22 Encrustation of Indwelling Urinary Devices	215
23 Stent Migration	227
24 Health -Related Quality of Life and Ureteric Stents	238
25 Evidence Base for Stenting	264
26 Robotic Ureteric Reconstruction	278
27 Indwelling Ureteric Stents – Health Economics Considerations	287
28 Ureteric Stents: The Future	296
Index	298