

# Contents

<i>Foreword</i>	vi
<i>Preface</i>	vii
<i>Acknowledgements</i>	viii
<i>Contributors</i>	ix
<b>Introduction to endodontology and endodontics</b>	<b>1</b>
<b>Section 1 Rationale for disease management</b>	
1. <b>Tooth organogenesis, morphology and physiology</b>	<b>2</b>
<i>K Gulabivala, Y-L Ng</i>	
2. <b>Biological and clinical rationale for vital pulp therapy</b>	<b>33</b>
<i>K Gulabivala, Y-L Ng</i>	
3. <b>Biological and clinical rationale for root-canal treatment and management of its failure</b>	<b>43</b>
<i>K Gulabivala, Y-L Ng</i>	
<b>Section 2 Preparation for delivery of endodontic treatment</b>	
4. <b>Diagnosis of endodontic problems</b>	<b>93</b>
<i>K Gulabivala, Y-L Ng</i>	
5. <b>Treatment planning</b>	<b>120</b>
<i>K Gulabivala, Y-L Ng</i>	
6. <b>Pre-endodontic management</b>	<b>142</b>
<i>K Gulabivala, Y-L Ng</i>	
<b>Section 3 Delivery of endodontic treatment</b>	
7. <b>Vital pulp therapy</b>	<b>163</b>
<i>Y-L Ng, K Gulabivala</i>	
8. <b>Non-surgical root-canal treatment</b>	<b>174</b>
<i>K Gulabivala, Y-L Ng</i>	
9. <b>Management of non-surgical root-canal treatment failure</b>	<b>237</b>
<i>Y-L Ng, K Gulabivala</i>	
10. <b>Management of acute emergencies and traumatic dental injuries</b>	<b>264</b>
<i>K Gulabivala, Y-L Ng</i>	
11. <b>Management of tooth resorption</b>	<b>285</b>
<i>Y-L Ng, K Gulabivala</i>	
<b>Section 4 Multidisciplinary aspects of endodontic management</b>	
12. <b>The perio–endo interface</b>	<b>299</b>
<i>K Gulabivala, UR Darbar, Y-L Ng</i>	
13. <b>The ortho–endo interface</b>	<b>329</b>
<i>K Gulabivala, FB Naini</i>	
14. <b>The restorative–endo interface</b>	<b>334</b>
<i>K Gulabivala, Y-L Ng</i>	
15. <b>The medical–endo interface and patients with special needs</b>	<b>361</b>
<i>A Mustard, K Gulabivala</i>	
16. <b>The orofacial pain–endo interface</b>	<b>369</b>
<i>R Leeson, K Gulabivala, Y-L Ng</i>	
17. <b>The oral medicine and oral surgery–endo interface</b>	<b>374</b>
<i>R Leeson, K Gulabivala</i>	
<i>Index</i>	<b>382</b>