

Contents

1	The Epidemiology of Nasopharyngeal Carcinoma	1
	JUN MA and SUMEI CAO	
2	Pathogenesis and Etiology of Nasopharyngeal Carcinoma	9
	MU-SHENG ZENG and YI-XIN ZENG	
3	Molecular Signaling Pathways in Nasopharyngeal Cancer	27
	QUYNH-THU LE and JIADE J. LU	
4	Natural History, Presenting Symptoms, and Diagnosis of Nasopharyngeal Carcinoma	41
	SIMON S. LO and JIADE J. LU	
5	Screening and Early Diagnosis of Nasopharyngeal Carcinoma	53
	PEI-JEN LOU, WAN-LUN HSU, YIN-CHU CHIEN, and CHIEN-JEN CHEN	
6	Familial Nasopharyngeal Carcinoma	65
	KWOK SENG LOH	
7	Pathology of Nasopharyngeal Carcinoma	71
	THOMAS CHOUDARY PUTTI and KONG-BING TAN	
8	Imaging in the Diagnosis and Staging of Carcinoma of Nasopharynx	81
	CHENG KANG ONG and VINCENT FOOK HIN CHONG	
9	Prognostic Factors in Nasopharyngeal Cancer	95
	JIN-CHING LIN	
10	Early Stage Nasopharyngeal Cancer: A Highly Curative Disease with Radiation Therapy	137
	ROGER OVE, RON R. ALLISON, and JIADE J. LU	
11	Drug Therapy for Nasopharyngeal Carcinoma: Cytotoxic and Targeted Therapy	149
	BRIGETTE B. Y. MA and ANTHONY T. C. CHAN	
12	The Intergroup 0099 Trial for Nasopharyngeal Cancer: History, Perceptions, and Transitions	161
	JAY S. COOPER	

13	Concurrent Chemotherapy-Enhanced Radiation: Trials and Conclusions	167
	JOSEPH WEE	
14	Neoadjuvant Chemotherapy: Trials and Conclusions	183
	ANNE W. M. LEE	
15	Adjuvant Chemotherapy for Nasopharyngeal Carcinoma	193
	BOON CHER GOH	
16	Advances in the Technology of Radiation Therapy for Nasopharyngeal Carcinoma	197
	LIN KONG, JIADE J. LU, and NANCY LEE	
17	Selection and Delineation of Target Volumes in Intensity-Modulated Radiation Therapy for Nasopharyngeal Cancer	213
	JIADE J. LU, VINCENT GRÉGOIRE, and SHAOJUN LIN	
18	Post-treatment Follow-Up of Patients with Nasopharyngeal Cancer	233
	IVAN W.K. THAM and JIADE J. LU	
19	Management of Patients with Failure Following Definitive Radiation Therapy: Reirradiation in Patients with Locally Recurrent Nasopharyngeal Carcinoma	241
	DANIEL T. CHUA	
20	Surgery for Recurrent Nasopharyngeal Carcinoma	253
	WILLIAM IGNACE WEI	
21	Systemic Treatment for Incurable Recurrent and/or Metastatic Nasopharyngeal Carcinoma	267
	YE GUO and BONNIE S. GLISSON	
22	Long-Term Complications in the Treatment of Nasopharyngeal Carcinoma . .	275
	SIMON S. LO, JIADE J. LU, and LIN KONG	
23	Nasopharyngeal Cancer in Pediatric and Adolescent Patients	295
	ENIS OZYAR and INCI AYAN	
24	Staging of Nasopharyngeal Carcinoma	309
	BRIAN O'SULLIVAN and EUGENE YU	
	Subject Index	323
	List of Contributors	331