Contents

List of contributors page vi
Preface vii

1. The mediastinum 1
   Alberto M. Marchevsky and Mark R. Wick

2. Imaging of the mediastinum 4
   Xiaoqin Wang and Ajay Singh

3. Inflammatory diseases of the mediastinum 25
   Alberto M. Marchevsky and Mark R. Wick

4. The thymus gland 37
   Alberto M. Marchevsky and Mark R. Wick

5. Pathology of non-neoplastic conditions of the thymus 51
   Alberto M. Marchevsky and Mark R. Wick

6. Low-grade and intermediate-grade malignant epithelial tumors of the thymus: thymomas 65
   Alberto M. Marchevsky, Saul Suster, and Mark R. Wick

7. High-grade malignant epithelial tumors of the thymus: primary thymic carcinomas 104
   Mark R. Wick, Alberto M. Marchevsky, and Saul Suster

8. Neuroendocrine carcinomas of the thymus 131
   Alberto M. Marchevsky, Saul Suster, and Mark R. Wick

9. Germ cell of the mediastinum 146
   Sean R. Williamson and Thomas M. Ulbright

10. Parathyroid lesions, paragangliomas, thyroid tumors, and pleomorphic adenomas of the mediastinum 169
    Mark R. Wick and Alberto M. Marchevsky

11. Hematopoietic neoplasms of the mediastinum 199
    Serhan Alkan

12. Cystic lesions of the mediastinum 211
    Mark R. Wick and Alberto M. Marchevsky

13. Mesenchymal tumors of the mediastinum 226
    Bonnie Balzer, Mark R. Wick, and Susan Parson

14. Tell me what you need, so I'll know what to say 270
    Frank C. Detterbeck

15. Clinical pathology of disorders of the mediastinum 276
    Kent Lewandrowski

16. Surgical pathology of the heart 285
    Gregory A. Fishbein, Atsuko Seki, and Michael C. Fishbein

17. Morphologic alterations of serous membranes of the mediastinum in reactive and neoplastic settings 317
    Aliya N. Husain and Thomas Krausz

Index 344