The first comprehensive surgical pathology textbook and reference on the thyroid in over fifteen years, this book presents the most advanced concepts on the diagnostic surgical pathology, cytopathology, immunohistochemistry, and molecular genetics of neoplastic and non-neoplastic thyroid diseases. The authors provide a detailed description of the surgical pathology of thyroid diseases side-by-side with major advances in immunohistochemistry and molecular genetics that can be used in evaluating thyroid tumors and non-neoplastic diseases. By combining diagnostic surgical pathology, cytopathology, immunohistochemistry, and molecular genetics, the book effectively mimics the practice of contemporary surgical pathologists. All major chapters have a uniform style of description and include a separate section on molecular genetics.