



## Essentials of Diagnostic Surgical Neuropathology

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### Description

In recent years, rapid strides have been made in the field of Neuropathology. This has led to significant improvement in diagnosis. Emerging information on the pathology of neoplastic and non-neoplastic brain diseases has also improved diagnostic criteria and classification systems, impacting the management of patients.

Essentials of Diagnostic Surgical Neuropathology is the first book on Neuropathology in India that covers the vast subject of Surgical Neuropathology in a concise, point-wise format, making reading and recapitulation easy. The main emphasis of this book is on neoplastic pathology, given the revolutionary changes which have occurred in the understanding of CNS tumors. In addition, the book also explains the pathology of non-neoplastic lesions that need surgical intervention. In current clinical practice, clinicians are increasingly dependent upon holistic histomolecular diagnosis that aids clinical decision making. Since ancillary techniques are a very important component of diagnosis and of the final integrated pathology reports, the book also includes immunohistochemistry and molecular diagnosis especially in the brain tumor section.

In addition to this, the book has the following special features which, when presented in its user-friendly format, makes it an invaluable resource:

- ▶ High quality representative coloured photomicrographs
- ▶ Immunoprofile and key molecular genetic alterations
- ▶ Prognostic factors

This book will serve as an updated reference manual in Neuropathology for neurosurgeons, neurologists, neuro-oncologists, neuro-radiologists and research scientists. It will also be a useful guide to Neuropathology diagnosis for surgical pathologists.

The editors Chitra Sarkar, Vani Santosh, and Geeta Chacko are eminent Neuropathologists at the forefront of diagnosis, teaching and research in pathology and molecular biology of diseases of the nervous system. In addition, the contributors to this book

include more than 25 experts in the field of Neuropathology from leading institutes across the country, making it a valuable resource for clinicians, pathologists, students and scientists.

