

Table of Contents:

Section I. Overview

1. Overview of metastatic disease of the central nervous system

Section II. Brain Metastases

2. Brain metastases: Epidemiology
3. Pathogenesis and biology
4. Role of the blood-brain barrier in metastatic disease of the central nervous system
5. Metastatic diseases of the central nervous system – neuropathological aspects
6. Brain metastasis: Clinical manifestations, symptom management and palliative care
7. Brain metastases: Neuroimaging
8. The role of surgery for brain metastases from solid tumors
9. Brain metastases: Fractionated whole brain radiotherapy
10. Brain metastases: Radiosurgery
11. Systemic therapy for brain metastases
12. Neurocognitive aspects of brain metastasis

Section III. Other Nervous System Metastases

13. Leptomeningeal metastasis
14. Intracranial dural, calvarial and skull base metastases
15. Epidural and intramedullary spinal metastasis: Clinical features and role of fractionated radiotherapy
16. Management – spinal metastases
17. Plexus and peripheral nerve metastasis