## I-Introductory.

- Molecular Imaging in Oncology.
- Imaging Criteria for Tumor Treatment Response Evaluation.
- Imaging in Radiation Therapy. Interventional Radiology in Oncology.
- Imaging Principles in Pediatric Oncology.
- The role of Radiogenomics in Oncologic imaging.
- II-Bone and soft Tissue Tumors. Introduction to Soft Tissue Sarcomas.
- Introduction to Bone Sarcomas. Introduction to Retroperitoneal Tumors.
- Conventional Radiology of Bone and Soft Tissue Tumors.
- US-CT-MRI Findings: Staging-Response-Restaging of Bone and Soft Tissue Tumors.
- Positron Emission Tomography in Bone and Soft Tissue Tumors.
- Clinical Implications of Soft Tissue Sarcomas.
- Clinical Implications of Bone Sarcomas.
- Clinical Implications of Retroperitoneal Sarcomas.
- III-CNS Tumors.
- Introduction to Brain Tumors.
- Conventional Imaging in the Diagnosis of Brain Tumors.
- Diagnostic Issues in Treating Brain Tumors.
- Tumors of the Spinal Cord and Spinal Canal.
- Advanced MRI Techniques in Brain Tumors.
- PET/CT: Is There a Role?
- Clinical Implications of Brain Tumors.
- IV-Head and Neck Cancer.
- Introduction to Head and Neck Cancer.

- US Findings in Head and Neck Cancer.
- CT and MR Findings in Head and Neck Cancer.
- PET-CT Findings in Head and Neck Cancer.
- Clinical Implications of Head and Neck Cancer.
- V-Lung Cancer.
- Lung Cancer.
- Lung Cancer Screening in High-Risk Patients with Low-Dose Helical CT.
- CT-MRI in Diagnosis and Staging in Lung Cancer.
- PET-CT in Lung Cancer.
- EBUS Staging and Lung Cancer.
- Clinical Implications of Lung Cancer.
- VI-Breast Cancer.
- Breast Cancer.
- Mammographic Diagnosis of Breast Cancer.
- US Findings in Breast Cancer.
- MR Mammography.
- Breast Cancer: PET/CT Imaging.
- Clinical Implications of Breast Cancer.
- VII-Gynecologic Cancer.
- Introduction to Gynecologic Cancer.
- US Findings in Gynecologic Cancer.
- CT-MR Findings in Cervical and Endometrial Cancer.
- PET/CT with [18F]FDG in Cervical Cancer.
- PET/CT with [18F]FDG in Endometrial Cancer.

- CT-MR Findings in Ovarian Cancer.
- PET/CT with [18F]FDG in Ovarian Cancer.
- Clinical Implications of Gynecologic Cancer.
- VIII-Gastrointestinal Cancer: Esophagus, Stomach.
- Esophageal and Gastric Tumors: Where the Clinician Requires Imaging.
- Imaging Findings in Gastrointestinal Cancer: Esophagus, Stomach.
- Clinical Implications.
- IX-Gastrointestinal Cancer: Solid Organs (Liver Pancreas).
- Introduction to Liver Cancer.
- Imaging findings in Liver malignancies.
- Clinical Implications of Liver Malignancies.
- Introduction to Pancreatic Cancer.
- Imaging in Pancreatic Cancer.
- Clinical Implications of Pancreatic Cancer.
- X-Gastrointestinal Cancer: Peritoneal Cavity.
- Introduction to Peritoneal Cavity Carcinoma.
- Imaging of Peritoneal Cavity Carcinoma.
- XI-Gastrointestinal Cancer: Large Bowel.
- Introduction to the Large Bowel.
- CT and CT-Colonography.
- MR Findings of Rectal Carcinoma.
- PET-CT Staging of Rectal Carcinoma.
- Clinical Implications of Large Bowel Carcinoma.
- XII-Neuroendocrine Tumors.

- Introduction to Neuroendocrine Tumors.
- Neuroendocrine Tumors.
- Clinical Implications of Neuroendocrine Tumors.
- XIII-Urogenital Cancer: Adrenal Cancer.
- Introduction to Adrenal Cancer.
- Ultrasound Findings in Adrenal Cancer.
- CT and MRI Findings in Adrenal Cancer.
- SPECT in Adrenal Glands.
- PET/CT Findings in Adrenal Cancer.
- Clinical Implications of Adrenal Cancer.
- XIV-Urogenital Cancer: Renal Cancer.
- Introduction to Renal Cancer.
- US Findings in Renal Cancer.
- CT and MRI Findings in Renal Cancer.
- PET/CT Findings in Renal Cancer.
- Clinical Implications of Renal Cancer.
- XV-Urogenital Cancer: Urothelial Cancer.
- Introduction to Urothelial Cancer.
- US Findings in Urothelial Cancer.
- CT and MRI Findings in Urothelial Cancer.
- Clinical Implications of Urothelial Cancer.
- XVI-Urogenital Cancer: Testicular Cancer.
- Introduction to Testicular Cancer.
- US Findings in Testicular Cancer.

- CT and MRI Findings in Testicular Cancer.
- PET/CT Findings in Testicular Cancer.
- Clinical Implications in Testicular Cancer.
- XVII-Urogenital Cancer: Prostate Cancer.
- Introduction to Prostate Cancer.
- Endorectal Ultrasound and Prostate Cancer.
- MRI in Prostate Cancer.
- Nuclear Medicine Findings in Prostate Cancer.
- Clinical Implications of Prostate Cancer.
- XVIII-Lymphomas.
- Introduction to Lymphomas.
- Lymphomas: The Role of CT and MRI in Staging and Restaging.
- Clinical Implications of the Role of 18FDG-PET/CT in Malignant Lymphomas.
- XIX-Multiple Myeloma.
- Introduction to multiple myeloma.
- Multiple Myeloma: The Role of CT and MRI.
- Clinical implications of Multiple myeloma.
- XX-Melanoma.
- Introduction to Melanoma.
- Imaging Findings in Melanoma.
- Clinical Implications of Melanoma.