Contents

Foreword ix

1 Treatment of advanced cancer 1
   Introduction 1
   Curative anticancer treatment 1
   Palliative anticancer treatment 1

2 Palliative care in advanced cancer 5
   Introduction 6
   The patient with advanced cancer 6
   Crucial points for palliative care in advanced cancer 6
   What is the best place for palliative care in advanced cancer? 8
   Conclusion 9

3 Definition of palliative care 11
   Introduction 11
   Goals of care 12
   Phases of cancer 13
   Supportive, palliative and end-of-life care 13
   Infrastructural needs 15

4 How to integrate medical oncology and palliative medicine 17

5 Surgery in advanced cancer 21
   Introduction 21
   Patient selection 21
   Indications for surgery 23
   Palliative surgery in specific tumors 24
   Side effects 28
   Conclusion 28
6 Radiotherapy in advanced cancer

Introduction
General principles of palliative radiotherapy
Bone metastases
Spinal cord compression
Brain metastases
Leptomeningeal carcinomatosis
Lung cancer
Superior vena cava syndrome
Esophageal cancer
Pelvic masses

7 Anticancer drug treatment

Indications
Selection of patients for anticancer drug treatment
Treatment of specific tumor types
Side effects
Conclusion

8 Gastrointestinal problems

Introduction
Xerostomia and stomatitis
Dysphagia
Nausea and vomiting
Diarrhea and pseudodiarrhea
Constipation
Acute and subacute malignant bowel obstruction
Anal tenesmus
Ascites
Gastrostoma management
Conclusion

9 Alimentation/hydration

Anorexia/cachexia syndrome
Anorexia
Dehydration
Modes of alimentation
Conclusion
10 Metabolic problems
- Hypercalcemia
- Endocrine paraneoplastic syndromes
- Hypocalcemia

11 Respiratory problems
- Introduction
- Dyspnea
- Cough
- Acute respiratory failure
- Hemoptysis
- Death rales

12 Genitourinary problems in advanced cancer
- Urinary obstruction
- Radiation-induced hemorrhagic cystitis
- Frequency–urgency–urinary incontinence–dysuria

13 Neurological problems in advanced cancer
- Introduction
- Raised intracranial pressure
- Seizures
- Brain metastases
- Leptomeningeal carcinomatosis
- Paraneoplastic neurological syndromes
- Paraneoplastic syndromes with muscle rigidity
- Neuromuscular junction disorder
- Cranial neuropathies
- Plexopathy

14 Psychiatric problems
- Introduction
- Adjustment disorders
- Anxiety
- Depression
- Fatigue
- Sleep disorders
- Delirium and terminal restlessness
15 Cancer pain

- Prevalence and etiology
- Pain assessment and classification
- Treatment of pain
- Analgesics
- Coanalgesic or adjuvant drugs
- Complicated pain syndromes
- Anesthetic methods for pain control
- Nonpharmacological pain interventions
- Psychological and spiritual interventions
- Conclusion

16 Skin problems in advanced cancer

- Introduction
- Pruritus
- Cutaneous tumor involvement
- Lymphedema
- Pressure sores
- Fungating wounds

17 Other problems

- Hiccup
- Bleeding
- Sweating
- Prevention and treatment of thromboembolic complications

18 Geriatric patients with advanced cancer

- Introduction
- Incidence and mortality
- Evaluation
- Treatment
- Side effects
- Supportive care
- Conclusion

19 Care of the imminently dying patient

- Introduction
- Suffering and the terminal phase of the disease
Main symptoms of the terminal phase of the disease 214
Total approach to suffering and quality-of-care assessment 218

20 Communication issues in advanced cancer care 219
   General issues in communication 219
   Communication issues when stopping chemotherapy 222
   Communication in palliative care 224
   Communication in the hospice 227
   Communication issues in the patients’ families 230
   Conclusion 232

21 Self-care 234
   Introduction 234
   Burnout 234
   A model of self-care 235
   Detection 235
   Taking care 236

22 Psycho-oncology in palliative care 238
   Introduction 238
   Development of psycho-oncology 238
   Psycho-oncology and palliative care 239
   Conclusion 241

23 Bereavement 243
   Introduction 243
   Etiology 243
   Assessment 244
   Complicated or pathological grief 244
   Treatment 244
   Precautions 246

24 Existential and spiritual issues 247
   Prevalence and definitions 247
   Etiology 248
   Assessment 250
   General intervention options 251
   Religious intervention options 252
Appendix

Appendix 1: Edmonton Symptom Assessment System 256
Appendix 2: ESMO policy on supportive and palliative care 262

Index 267