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Nota di contenuto	Textbook of Bone Metastases; Contents; Contributors; Preface; Section 1 BIOLOGY OF BONE METASTASES; 1 General Mechanisms of Metastasis; 2 Parathyroid Hormone-related Protein and Bone Metastases; 3 Osteoblastic Metastases; 4 The Role of RANK, RANK Ligand and Osteoprotegerin in the Lytic Effects and Growth of Bone Metastases; Section 2 CLINICAL FEATURES AND ASSESSMENT; 5 Clinical Features and Prognosis of Bone Metastases; 6 Radioisotope and PET Imaging of Bone Metastases; 7 Imaging of Spinal Bone Metastases; 8 Monitoring Response to Treatment-the Role of Biochemical Markers 9 Surgical Biopsy of Bone MetastasesSection 3 SURGICAL TREATMENT; 10 Indications for the Surgical Treatment of Long Bone Metastases; 11 Prosthetic Replacement in Long Bone Metastases; 12 Osteosynthesis for Pathological Fractures in Long Bones; 13 Surgical Treatment of Pelvic Metastases; 14 Indications and Strategy for the Treatment of Spinal Metastases; 15 Surgical Techniques for the Treatment of Bone Metastases of the Spine; 16 Total En Bloc Spondylectomy for Spinal Metastases; Section 4 LOCAL TREATMENTS; 17 External Beam Radiation Therapy for the Treatment of Bone Metastases 18 Interventional Radiology for Bone Metastases19 Percutaneous

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### Sommario/riassunto

The epidemiological and clinical importance of bone metastases has long been recognised. For example, the incidence of bone metastases in breast and prostate cancers is 70%, whereas it is only 30 to 40% in metastatic lung cancer. In clinical terms, bone metastases have substantial negative effects on the patient's quality of life. Bone metastases have generally received insufficient attention because of the difficulty in quantifying them, which has left them outside the scope of therapeutic trials This textbook is the result of the remarkable progress made in the understanding of the molec

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