Record Nr. UNINA9910300178703321 Autore Piccioli Andrea Titolo Bones: Orthopaedic Pathologies in Roman Imperial Age / / by Andrea Piccioli, Valentina Gazzaniga, Paola Catalano Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2015 **ISBN** 3-319-19485-2 Edizione [1st ed. 2015.] 1 online resource (171 p.) Descrizione fisica Disciplina 610 Orthopedics Soggetti Radiology Paleontology Imaging / Radiology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Incluides bibliographical references. Nota di contenuto Part I: 1 The study of ancient bone remains -- 2 Study and data description -- Part II: 3 Traumatic pathologies -- 4 Joint degenerative pathologies -- 5 Oncologic pathologies -- 6 Infective and Metabolic Diseases. Sommario/riassunto This book presents the results of a unique macroscopic and radiological analysis, by X-ray and CT scan, of the bone pathologies of about 1800 subjects who lived at the time of the Roman Empire (first and second centuries A.D.) and whose remains were recovered during the excavation of a suburban necropolis of Rome. The survey, which represents a collaboration between the Italian Society of Orthopaedics and Traumatology and the Special Superintendent for the Archaeological Heritage of Rome, has yielded incredible images of different orthopaedic diseases in a period when no surgical treatment was available: there are cases of infection (osteomyelitis), metabolic

disease (gout), hematologic disease (multiple myeloma), traumatic

(osteoarthritis, particularly secondary and overload). A multidisciplinary team including orthopaedists, paleopathologists, radiologists, and medical historians has evaluated the major groups of bone disease in

lesions and their complications, and degenerative pathology

the population finding out incredible cases and picture of ortho-

traumatologic pathologies in a pre-surgical era. The homogeneity of the sample and the number of subjects make this a study of fundamental importance.