Record Nr. UNINA9910814011803321 Skeletal trauma analysis: case studies in context / / edited by Nicholas Titolo V. Passalacqua, Christopher W. Rainwater; contributors Bradley Adams [and thirty one others] Chichester, England:,: Wiley Blackwell,, 2015 Pubbl/distr/stampa ©2015 **ISBN** 1-118-38419-9 1-118-38421-0 Descrizione fisica 1 online resource (307 p.) Disciplina 614/.17 Soggetti Forensic anthropology Forensic osteology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Nota di contenuto Atypical gunshot and blunt force injuries: wounds along the biomechanical continuum / Brian F. Spatola -- Over-interpretation of bone injuries and implications for cause and manner of death / Joao Pinheiro, Eugenia Cunha, and Steven Symes -- Skeletal injuries in cases of child abuse: two case studies from the Harris County Institute of Forensic Sciences / Jason M. Wiersema and Jennifer C. Love -- Blunt force trauma patterns in the human skull and thorax: a case study from northern California / Eric J. Bartelink -- Patterns of skeletal trauma inflicted during the Spanish Civil War / Nicholas V. Passalacqua, Ciaran Brewster, Marina Martinez de Pinillos Gonzalez, and Jose Miguel Carretero Diaz -- Shot and beaten to death: suspected projectile and blunt force trauma in a case involving an extended period of postmortem water immersion / Hugo F.V. Cardoso, Katerina S. Puentes. and Luis F.N. Coelho -- Man's best friend: a case study of ballistics trauma and animal scavenging / Gina Hart -- Skeletal evidence of violent sexual assault in remains with excessive evidence of scavenging / Hugh E. Berryman and Tiffany B. Saul -- Neurocranial fractures / Jennifer C. Love -- Blunt force trauma associated with a fall from

heights / MariaTeresa A. Tersigni-Tarrant -- Low-velocity impact

trauma: an illustrative selection of cases from the joint POW/MIA accounting command Central Identification Laboratory / Paul Emanovsky -- Blast trauma / Angi M. Christensen and Victoria A. Smith -- Case studies in skeletal blast trauma / Nikki A. Willits, Joseph T. Hefner, and MariaTeresa Tersigni-Tarrant -- Burned human remains in a double homicide: a forensic case in Cyprus / Popi Th. Chrysostomou -- The utility of spatial analysis in the recognition of normal and abnormal patterns in burned human remains / Christina L. Fojas, Luis L. Cabo, Nicholas V. Passalacqua, Christopher W. Rainwater, Katerina S. Puentes, and Steven A. Symes -- Three modes of dismemberment: disarticulation around the joints, transecting of bone via chopping, and transection of bone via sawing / Christopher W. Rainwater -- Kreischer Mansion homicide / Lauren Regucci and Bradley Adams -- Postmortem trauma and the "CSI effect": is TV making smarter criminals? / Elizabeth A. Murray and Anthony E. Dwyer.

Sommario/riassunto

In the post-Daubert era, forensic science disciplines are increasingly informed by robust, statistically-sound experimental research. The educational value of the well-documented case study, however, remains as important as ever. Emphasizing known contextual information, this volume serves as a case-driven guide to skeletal trauma analysis through the unique perspective of each chapter's authors. Both forensic anthropologists and pathologists contribute skeletal trauma cases covering a range of topics including child abuse, blunt force trauma, descents from height, plane crashes, sharp force t