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Nota di contenuto	Section 1 Gross Anatomy -- Chapter One Head and Neck -- Chapter Two Thorax -- Chapter Three Abdominal Cavity -- Chapter Four Kidney Function -- Chapter Five Pelvis and Perineum -- Chapter Six Lower Limb -- Chapter Seven Upper Limb -- Chapter Eight The Back -- Section 1 Gross Anatomy -- Chapter Nine The Three Long Tracts and Spinal Cord Lesions -- Chapter Ten Corticobulbar Tract and Cranial Nerve Motor Nuclei -- Chapter Eleven Abducens Nerve Lesions -- Chapter Twelve Vestibulocochlear Nerve Lesions -- Chapter Thirteen Visual Field Lesions -- Chapter Fourteen Autonomics and Lesions -- Chapter Fifteen Facial Nerve Lesions -- Chapter Sixteen Cerebellar Lesions -- Chapter Seventeen Basal Ganglia Lesions -- Chapter Eighteen Thalamus and Hypothalamus -- Chapter Nineteen Limbic System Learning Memory and How the Brain Works -- Chapter Twenty Chemical Neuroanatomy -- Chapter Twenty One Brainstem Lesions -- Chapter Twenty Two Cerebral Cortex Lesions -- Chapter Twenty Three

Neurophysiology -- Chapter Twenty Four Neuroanatomy Atlas --
Chapter Twenty Five Lesion and Blood Vessel Test -- Section 3
Embryology -- Chapter Twenty Six The First Three Weeks -- Chapter
Twenty Seven Major Organ System Development.

Sommario/riassunto

This work is an essential resource for medical students seeking a deep, long-term understanding of anatomy. Combining and updating two of the author's previous Springer titles—one on gross anatomy and another on medical neuroanatomy—this book also includes a wealth of new material designed to support comprehensive learning. Rather than emphasizing rote memorization, this guide helps students grasp the most complex anatomical concepts they will encounter in their first year of medical school, with a focus on clinical application. Each topic is presented with real-world scenarios in mind, making it a valuable reference not only for preclinical students but also for third- and fourth-year trainees looking for a refresher during clinical rotations. The book is organized into three sections: Section One covers the gross anatomy of the head and neck, abdomen, thorax, pelvis and perineum, lower limb, upper limb, and back. Section Two presents clinical neuroanatomy in a lesion-based format, emphasizing diagnosis through signs and symptoms. Section Three explores embryology and organ system development, also with a clinical focus. Comprehensive, accessible, and richly illustrated, *Gross Anatomy, Neuroanatomy, and Embryology for Medical Students: The Ultimate Survival Guide* is a must-have companion for medical students navigating the challenging world of anatomy.
