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Human Osteology and Skeletal Radiology PDFAn Atlas and Guide features nearly 700 photographs, line drawings, and radiographs demonstrating individual bones, or collections of bones, from both a distant perspective and more detailed angles. This atlas of skeletal anatomy covers general and specific anatomic terms, includes comparative images of bones in photographic and radiographic form to aid in recognition, and notes important comparisons among adult, juvenile, and fetal bones. It discusses each bone on an individual basis and describes how to “side” bones and identify fragments. Intended as a field guide for investigations and a lab guide in gross anatomy and skeletal specimen studies, this atlas provides easy and rapid identification of bone material. It takes you far beyond the bare bones of anatomy to aid in skeletal recognition in any situation. Description The incorporation of a radiological aspect with the traditional photographic and graphic approaches is long overdue and makes this a valuable addition to the reference library of any skeletal or forensic anthropologist.” Thomas D. Holland, Ph.D., Scientific Director, Joint POW/MIA Accounting Command Central Identification Laboratory, Hickam Air Force Base, Hawai'i, USA “provides readers with a user-friendly and hands-on approach to identifying and sideing all elements of the human skeleton. One advantage of this text over others is its clarity of skeletal landmarks as depicted in large photographs. Another advantage is the layout of the chapters in a commonsense way that minimizes the ‘seek and find’ approach common to many texts. I will certainly add this to my personal library and use it as a required text in my forensic anthropology class, combines all of the essential elements in one text. User Reviews for Human Osteology and Skeletal Radiology An Atlas and Guide A classic in its field, Human Osteology has been used by students and professionals for nearly two decades. Now revised and updated for a third edition, the book continues to build on its foundation of detailed photographs and practical real-world application of science. New information, expanded coverage of existing chapters, and additional supportive photographs keep this book current and valuable for both classroom and field work. Osteologists, archaeologists, anatomists, forensic scientists, and paleontologists will all find practical information on accurately identifying, recovering, and analysing and reporting on human skeletal remains and on making correct deductions from those remains. About the Author Bernhard H. Jürjlink is Professor and Head, Department of Anatomy and Cell Biology, College of Medicine, University of Saskatchewan. Table of Contents Human Osteology and Skeletal Radiology An Atlas and Guide includes the following units, sections, and chapters: UNIT 1: THE AXIAL SKELETON Anatomical Terms of Direction and Osteologic TerminologyThe SkullThe Hyoid and SpineThe Sternum and Ribs UNIT 2: THE APPENDICULAR SKELETON The Shoulder and Upper LimbsThe PelvisThe Upper Extremities UNIT 3: WRAPPING IT UP File Size: 1.6 MBs448 PagesEnglish Language3-Star Rating Below is a Download Button for Human Osteology and Skeletal Radiology An Atlas and Guide PDF Download Download Link Disclaimer:This site complies with DMCA Digital Copyright Laws. Please bear in mind that we do not own copyrights to this book/software. We're sharing this with our audience ONLY for educational purposes and we highly encourage our visitors to purchase the original licensed software/books. If someone with copyrights wants us to remove this software/book, please contact us. Immediately. 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The unique feature of this book is its diagrams which have been independently drawn by the author himself to avoid factual inaccuracies. Clarity in the language and the unique way of presentation further enhance the value of the book. The book will fully serve the interests of undergraduate medical students as a text and a rich resource book handbook for postgraduate students in anatomy, orthopedics, surgery and related specialties. Nafis Ahmad Faruqi MBBS, MS is currently Professor, Department of Anatomy, JN Medical College, Aligarh Muslim University, Aligarh, UP. He completed his MBBS (1976) and MS in Anatomy (1981) from the same college and has been teaching anatomy since 1979; he was promoted as Professor in His special areas of research are neuroanatomy, microanatomy, morphometry, histomorphometry and foetal anatomy. He has to his credit over 100 papers published both in national and international journals. 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Manual of Practical Anatomy, 2/edn (in 3 vols) Human Osteology: A Clinical Orientation, 3/edn Osteology for Dental Students, 3/edn Self Assessment in Human Anatomy ISBN: Handbook of Osteology Third Edition Faruqi Handbook of Third Edition Osteology Dedicated to Education Nafis Ahmad Faruqi2 Handbook of Osteology THIRd EDITION3 4 Handbook of Osteology THIRd EDITION Nafis Ahmad Faruqi MBBS, MS, MNYAS (USA), Man of YK2 (USA) Professor Department of Anatomy JN Medical College, AMU Aligarh , India CBS Publishers & Distributors Pvt Ltd New Delhi Bengaluru Chennai Kochi Kolkata Mumbai Hyderabad Jharkhand Nagpur Patna Pune Uttarakhnds Disclaimer Science and technology are constantly changing fields. New research and experience broaden the scope of information and knowledge. The author has tried his best in giving information available to him while preparing the material for this book. Although, all efforts have been made to ensure optimum accuracy of the material, yet it is quite possible some errors might have been left uncorrected. The publisher, the printer and the author will not be held responsible for any inadvertent errors, or inaccuracies. Handbook of Osteology THIRd EDITION ISBN: Copyright Author and Publisher Third Edition: 2018 First Edition: 2007 Second Edition: 2012 All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system without permission, in writing, from the author and the publisher. Published by Satsuh Kumar Jain and produced by Varun Jain for CBS Publishers & Distributors Pvt Ltd 4819/XI Prahlad Street, 24 Ansari Road, Daryaganj, New Delhi, India. Ph. : . Website: Fax: Corporate Office: 204 File, Industrial Area, Patparganj, Delhi Ph. 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All the diagrams have been redrawn and made coloured to make them more accurate and attractive. A large number of new diagrams in all the chapters has made the book more useful and graspable. Mnemonics have been added at several places to simplify the memorising of hard facts. I request all the readers to provide me their suggestions so that the book may be further improved in subsequent editions. Nafis Ahmad Faruqi/10 Preface to the First Edition Handbook of Osteology is a sort of gift to the undergraduate medical students. The book carries only essential informations on the subject to minimize the burden of the students. Coloured illustrations drawn by the author himself make this book unique. Extremely precise treatment of the subject and clarity of linguistic expression have been focussed on the book. Readers of the book are kindly requested to communicate to the author any shortcomings and suggestions regarding the book, which may help improve it if the book goes into subsequent editions. Nafis Ahmad Faruqi/11 Reader s Comments Dear Reader, I will feel honoured if you spare a few minutes from your precious time and comment on this book. Your suggestions will go long way in improving this book in subsequent editions. Address Dr. Nafis Ahmad Faruqi Gulfishan Alliyahwalli Kolhi Doolhpur, Civil Lines Aligarh Moh Whatsapp no12 Acknowledgements It is my moral duty to acknowledge all those people who helped me in bringing out the third edition of my book Handbook of Osteology. Although only few of them are directly involved, I feel pleasure in mentioning the names of many others whose loving and encouraging attitude infused great force in me to work hard for fulfilling the dream of Sir Syed Ahmad Khan, the founder of Aligarh Muslim University, Aligarh, UP, India. 1. 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Prof. Javed Akhtar, Registrar, AMU, Aligarh, UP.15 16 Contents Preface to the Third Edition Preface to the First Edition 1. General Considerations of Bone 1 Properties 1 Functions 1 Chemical composition 1 Structure of bone 1 Classification of bones 3 Parts of a young long bone 5 Features of bones 5 Blood supply of bones 6 Ossification of bones 7 2. Clavicle 8 Side determination 8 Functions 8 Peculiarities of clavicle 8 Features and attachments 9 Ossification Scapula 12 Side determination 12 Features and attachments 12 Ossification Humerus 19 Side determination 19 Features and attachments 19 Capsular attachments 23 Angles 24 Ossification Radius 27 Side determination 27 Features and attachments 27 Ossification 31 vvi x 6. 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