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Skull Base Anomalies; A-5.1. Basioccipital Hypoplasia/Aplasia; A-5.2. Basioccipital Clefts; Occipital-Cervical (O-C) Border Development; A-5.3. Cranial Shifting of the O-C Border; A-5.4. Caudal Shifting of the O-C Border; CHAPTER B: Vertebral Column; Vertebral Column Development; Vertebral Column Anomalies; B-1. Vertebral Border Shifting; B-2. Extra Vertebral Segment (Transitional Vertebra); B-3. Cleft Neural Arch; B-4. Cleft Atlas Anterior Arch; B-5.1. Notochord Defect: Sagittal Cleft Vertebra B-5.2. Notochord Defect Diastematomyelia B-6. Neural Tube Defect Spina Bifida; B-7. Hemivertebra: Hemimetameric Shifts; B-8. Lateral Hypoplasia/Aplasia; B-9. Ventral Hypoplasia/Aplasia; B-10. Dorsal Hypoplasia/Aplasia; B-11.1. Single Block Vertebra; B-11.2. Multiple Block Vertebra; B-11.3. Klippel-Feil Multiple Block Vertebra; B-12. Neural Arch Complex Disorders; B-13. Atlas Posterior/Lateral Bridging; B-14. Multiple Vertebral Anomalies; B-15. Sacral Agenesis versus Hemisacrum; B-16. Enlarged Anterior Basivertebral Foramina; CHAPTER C: Ribs; Rib Development; Rib Anomalies C-1. Supernumerary Ribs C-2. Rib Hypoplasia/Aplasia; C-3. Merged Ribs; C-4. Bifurcated Ribs; C-5. Other Rib Disorders; CHAPTER D: Sternum; Sternum Development; Sternum Anomalies and Variations; D-1. Suprasternal Ossicles; D-2. Mesosternum Shape Variations; D-3. Manubrium-Mesosternal Joint Fusion; D-4. Misplaced Manubrium-Mesosternal Joint; D-5. Mesosternal Hypoplasia/Aplasia; D-6. Sternal Hyperplasia; D-7. Sternal Aperture; D-8. Sternal Caudal Clefting; D-9. Bifurcated Sternum; D-10. Pectus Excavatum (Funnel Chest); D-11. Pectus Carinatum (Pigeon Breast); PART II: Appendicular Skeleton CHAPTER E: Upper Limbs

Sommario/riassunto

Written by one of the most consulted authorities on the subject, Atlas of Developmental Field Anomalies of the Human Skeleton is the pre-eminent resource for developmental defects of the skeleton. This guide focuses on localized bone structures utilizing the morphogenetic approach that addresses the origins of variability within specific developmental fields during embryonic development. Drawings and photographs make up most of the text, forming a picture atlas with descriptive text for each group of illustrations. Each section and subdivision is accompanied by brief discussions and dra
