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Titolo	Congenital anomalies of the upper extremity : etiology and management // Donald R. Laub Jr., editor
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ISBN	3-030-64159-7
Edizione	[Second edition.]
Descrizione fisica	1 online resource (XVI, 477 p. 285 illus., 212 illus. in color.)
Disciplina	611.97
Soggetti	Arm - Abnormalities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part I. General Considerations -- Embryology and Classification of Congenital Upper Limb Anomalies -- Incidence and Prevalence of Congenital Anomalies of the Upper Limb -- Genetics of Associated Syndromes -- Anesthesia Concerns in Congenital Anomalies of the Upper Extremity -- Physical Medicine and Rehabilitation Management of Children with Congenital Anomalies of the Upper Extremity -- Therapy Management of Children with Congenital Anomalies of the Upper Extremity -- Visible Distinctions and Congenital Anomalies of the Upper Extremities: Psychological Considerations -- Part II. Failure of Axis Formation/Differentiation -- Radial Longitudinal Deficiency: Radius Hypoplasia -- Radial Longitudinal Deficiency: Surgical Reconstruction of Congenital Thumb Hypoplasia -- Congenital Radioulnar Synostosis -- Ulnar Longitudinal Deficiency -- Symbrachydactyly -- Dorsal-Ventral Deficiency -- Part III. Failure of Hand Plate Formation/Differentiation -- Syndactyly -- Apert Syndrome -- Central Deficiency (Cleft Hand) -- Camptodactyly and Clinodactyly -- Synostosis and Coalitions of the Hand and Wrist -- Congenital Clasped Thumb -- Part IV. Duplication -- Radial Polydactyly -- Ulnar Polydactyly and Ulnar Dimelia -- Part V. Overgrowth, Amniotic Band, and Generalized Anomalies -- Macrodactyly -- Amniotic Band Syndrome -- Arthrogryposis -- Madelung's Deformity -- Epidermolysis Bullosa -- General Skeletal Disorders.
Sommario/riassunto	Now in a revised and updated second edition, this book encompasses

the current knowledge of genetic and molecular causes of, and surgical and non-surgical treatment for, congenital deformities of the hand. Divided into five sections, this comprehensive text presents the many variations of congenital anomaly encountered in the clinical setting. Part I discusses general considerations for congenital deformity, including embryology and classification, incidence and prevalence, genetics, anesthesia, prosthetics and rehabilitation principles, hand therapy and even psychological considerations for children living with these conditions. The second and third sections present deformities based on failures of formation and/or differentiation of the axis and hand plate respectively: radial and ulnar longitudinal deficiencies, symbrachydactyly, syndactyly (including Apert Syndrome), clinodactyly and captodactyly, and synostosis and coalitions are described in detail, among others. Duplication deformities, such as radial and ulnar polydactyly, are covered in part IV. The final section discussed overgrowth (macroductyly), amniotic band syndrome, arthrogryposis, Madelung deformity, epidermolysis bullosa and additional generalized skeletal anomalies. All chapters are generously referenced and illustrated with radiography and full-color photographs. Bringing together the latest clinical evidence and surgical interventions, this second edition of *Congenital Anomalies of the Upper Extremity* will continue to be an excellent resource for orthopedic, hand and plastic surgeons treating young patients with these challenging deformities of the hand.
