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| Titolo                  | Developmental Dysplasia of the Hip : From Early Sonographic Diagnosis to Effective Treatment / / edited by Joseph O'Beirne, Konstantinos Chlapoutakis  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022  |
| ISBN                    | 3-030-94956-7  |
| Edizione                | [1st ed. 2022.]  |
| Descrizione fisica      | 1 online resource (154 pages)  |
| Collana                 | Medicine Series  |
| Disciplina              | 617.581  |
| Soggetti                | Radiology<br>Orthopedic surgery<br>Pediatrics<br>Surgical Orthopedics  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di contenuto       | Introduction -- Development of the Hip Joint: Embryology and Anatomy of the neonatal hip joint -- DDH: Definition, Epidemiology, Pathogenesis & Risk Factors -- Clinical examination in DDH -- An overview of diagnostic imaging modalities for DDH -- Imaging of early-onset osteoarthritis -- Early Detection of Hip Dysplasia -- Freehand sonographic techniques -- Hip sonography according to Graf -- Comparison of sonographic techniques -- Sonographic based treatment -- Further treatment -- Setting up an effective hip screening service -- Hip sonography training -- Hip sonography – preparing for the future.                        |
| Sommario/riassunto      | This book is a reference source containing all the relevant information about Developmental Dysplasia of the Hip (DDH), for people who practice or utilize hip sonography for the early detection and treatment of DDH. It aims at improving the population screening for DDH, thus contributing to the elimination of the disorder and its devastating consequences. What makes this book different from existing literature is the fact that, apart from the (updated) information about the disorder (including development, pathophysiology, etiology, pathogenesis, risk factors etc.) and a short technical guidance, the reader will find all |

relevant knowledge to organize training and set up screening. This includes analysis of the rationale behind universal sonographic screening, a comparative presentation of the sonographic techniques, teaching course structure / management and setting up a screening service, including audit, quality control of the scans etc. Special chapters about radiological diagnosis, imaging the consequences of non-diagnosis or maltreatment of the disorder, clinical management of DDH cases and shaping the future of hip sonography, are also provided. The book will be of interest to any medical doctor, but in particular to those working in the fields of radiology, pediatrics, orthopedics or general medicine, sonographers performing hip scans, or specialist nurses dealing with DDH.

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