Record Nr. UNINA9910300278603321 Cerebral Palsy: A Multidisciplinary Approach / / edited by Christos P. **Titolo Panteliadis** Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2018 **ISBN** 9783319678580 3-319-67858-2 Edizione [3rd ed. 2018.] 1 online resource (347 pages) Descrizione fisica Disciplina 616.836 Soggetti Neurology **Pediatrics** Orthopedics Rehabilitation Physiotherapy Neurology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Cerebral palsy: a historical review -- Definition -- Epidemiology --Nota di contenuto Neuropathology -- Aetiological factors -- Intrauterine infection --Magnesium sulphate for prevention -- Early markers -- Clinical characteristics -- Early diagnosis -- Brain Imaging -- Ultrasonography -- Positrons-Emission-Tomography -- Physiotherapy -- Occupational therapy -- Pathophysiology of muscle -- Orthpaedic management --Early developmental intervention -- Hip luxation -- Scoliosis -- Bone status -- Oral medication -- Management with Botulinum Neurotoxin A -- Intrathecal Baclofen -- Rhizotomy -- Comorbidities.- Epilepsies --Visual impairment -- Gastrointestinal problems -- Long-term prognosis -- Quality of life -- Psychosocial problems. Sommario/riassunto This third edition systematically reviews recent developments in the diagnosis and evidence-based treatment of cerebral palsy, a consequence of foetal and early infant brain damage resulting in lifelong disabilities with a range of clinical characteristics. The first part

discusses the definition, aetiology, classification, imaging and

neuropathology, while the second focuses on the management of the individual challenges that children with cerebral palsy face, such as spasticity, dyskinesia, feeding problems and scoliosis. Based on the diverse characteristics of cerebral palsy, children require care from various specialists, including neuro-paediatricians, orthopaedists, psychologists, epidemiologists, physiotherapists and occupational therapists. This work was written by an international team of such specialists, providing a comprehensive mix of perspectives and expertise.