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| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Part I Perspective -- 1 History and Definitions -- 2 Epidemiology of the Cerebral Palsy -- 3 Current Status of the Japan Obstetric Compensation System for Cerebral Palsy -- 4 Clinical Diagnosis of Cerebral Palsy -- 5 Imaging Findings of Perinatal Brain Lesions that may Cause Cerebral Palsy -- Part II Relations of perinatal complications/events to CP -- 6 Chromosomal Abnormality -- 7 Morphological Abnormalities Mainly in the Central Nervous System -- 8 Cytomegalovirus Infection, Toxoplasmosis -- 9 Herpes Infection -- 10 Multiple Pregnancy -- 11 Hypertensive Disorders of Pregnancy -- 12 Urgent Preterm Labor/Preterm Water Breaking -- 13 Fetal Growth Restriction/Small for -- Dates -- 14 Cases Probably Considered as Intrauterine Onset -- 15 Reduced Fetal Movement -- 16 Placental Abruption -- 17 Intrauterine Infection/Chorioamnionitis -- 18 Fetomaternal hemorrhage -- 19 Cases Associate with Umbilical Cord -- 20 Intrapartum Hypoxia -- 21 Uterotonic Agents -- 22 Assisted Vaginal Delivery (Including Kristeller M -- neuver) -- 23 Prolonged Labor -- 24 Maternal Respiratory and |

Circulatory Failure -- 25 GBS Infection -- 26 Birth Asphyxia -- 27 Prematurity -- 28 Intraventricular Hemorrhage, Periventricular Leu -- omalacia -- 29 Neonatal Stroke -- 30 Neonatal Hypoglycemia -- 31 Bilirubin Encephalopathy -- 32 Apparent Life Threatening Event (ALTE) -- Part III Prevention -- 33 Neonatal Hypothermia -- 34 Recent Findings on the Perinatal Brain Protective Effects of Magnesium -- 35 Mechanism and Current Status of Umbilical Cord Blood Stem Cell Transplantation.

Sommario/riassunto

This edited book presents the latest information on epidemiology, pathophysiology, diagnosis and some current topics covering all aspects of cerebral palsy. It offers a novel interpretation of a group of lifelong movement disorders, which now is an accepted notion that the causes of cerebral palsy are multifactorial rather than birth asphyxia. The book is organized into three parts, and it begins with illustrating the perspective of the disease. Then focuses on the relationship between clinical features of perinatal complications/events and cerebral palsy. The last part offers a hot topic of the prevention such as hypothermia, neuroprotection, and stem cell transfer. Since there is no cure for this congenital motor disability of cerebral origin, effective strategies for primary prevention are highly desirable. Effective strategies require an understanding of causal pathways and the Editor wishes to disseminate the experience and knowledge through this comprehensive volume to the readers. Cerebral Palsy – Perspective and Clinical Relation to Perinatal Complications/Events is a valuable source for clinicians, researchers, and medical staff who deal with the management of pregnancy and delivery. It also attracts clinicians worldwide who are interested in recent updates on this field. This book is a translation of an original Japanese edition. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content so that the book will read stylistically differently from a conventional translation.
