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Titolo	Neonatal neural rescue : a clinical guide // edited by A. David Edwards, Denis V. Azzopardi, Alistair J. Gunn ; foreword by Joseph J. Volpe [[electronic resource]]
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Descrizione fisica	1 online resource (ix, 234 pages) : digital, PDF file(s)
Collana	Cambridge Medicine Neonatal neural rescue
Disciplina	617.4/81044
Soggetti	Brain - Wounds and injuries - Complications Pediatric neurology Asphyxia neonatorum Brain damage - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section 1. Scientific background -- section 2. Clinical neural rescue -- section 3. The future.
Sommario/riassunto	Worldwide more than one million babies die annually from perinatal asphyxia and its associated complications such as neonatal encephalopathy - one of the major causes of cerebral palsy and cognitive deficiencies in children aside from prematurity. Cooling the head - or the entire body - minimizes neuronal death, enabling the neonatal brain to be 'rescued' thus greatly improving developmental outcomes. Hypothermic neural rescue therapy has revolutionized the treatment of this condition and is a major recent achievement in neonatal medicine. This landmark book provides a brief scientific

underpinning of hypothermic neural rescue therapy and lays out the evidence base for good practice. Internationally recognized authorities give practical advice, drawn from personal experience, on how to deliver hypothermia in the neonatal intensive care unit. A valuable addition to any neonatal unit, this is essential reading for neonatologists, neonatal nurses and paediatric neurologists.
