

1. Record Nr.	UNINA9910465386703321
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Titolo	Nutritional strategies for the very low birthweight infant / / David H. Adamkin [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2009
ISBN	1-139-81398-6 1-107-19321-4 0-511-60484-X 0-511-60451-3 0-511-60514-5 0-511-60373-8 1-282-31786-5 0-511-60295-2 9786612317866 0-511-60544-7
Descrizione fisica	1 online resource (xvi, 191 pages) : digital, PDF file(s)
Collana	Cambridge medicine Nutritional strategies for the very low birthweight infant
Disciplina	618.92/011
Soggetti	Birth weight, Low - Diet therapy Premature infants - Nutrition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Fluid and electrolytes management (Na, Cl and K) -- Energy -- Intravenous carbohydrates -- Intravenous lipids -- Early total parenteral nutrition (TPN) -- Parenteral calcium, phosphorous, magnesium, and vitamin D -- Parenteral vitamins -- Trace elements and iron -- Parenteral nutrition guide -- Parenteral nutrition-associated cholestasis in VLBW infants -- Enteral nutrition -- Enteral feeding guidelines practicum -- Optimizing enteral nutrition : protein -- Human milk -- Premature infant formulas -- Standard infant formulas -- Soya formulas -- Protein hydrolysate formulas -- Enteral calcium, phosphorus, magnesium and vitamin D -- Iron -- Hypercaloric feeding strategy -- Growth in the neonatal intensive care unit influences neurodevelopmental and growth outcomes --

Nutritional assessment -- Post-discharge strategies -- Nutritional management of preterm infants with short bowel syndrome -- Summary.

Sommario/riassunto

The goal of nutritional management in VLBW and ELBW infants is the achievement of postnatal growth at a rate that approximates the intrauterine growth of a normal fetus at the same postconceptional age. In reality, however, growth lags considerably after birth; although non-nutritional factors are involved, nutrient deficiencies are critical in explaining delayed growth. This practical clinically-oriented pocketbook reviews and summarises all available clinical evidence. It enables the reader to implement parenteral or enteral feeding plans, with the goals of reducing postnatal weight loss, earlier return to birthweight, and improved catch-up growth. Both nutrient balance and growth and the impact on neurodevelopment and health outcomes are evaluated. With many tables and algorithms to summarise key data and management strategies, Nutritional Strategies for the Very Low Birthweight Infant is an invaluable guide for all healthcare professionals caring for premature babies.
