

BOOK: NORMAL AND IMPAIRED MOTOR DEVELOPMENT —THEORY AND PRACTICE

- **AUTHOR:** Cardyn O'Brien and Alan Hayes
- **PUBLISHED:** Chapman and Hall – London
- **REVIEW:** Jane Zucchi

The authors examine motor development by literature review and their personal studies. Children with normal and impaired motor development are compared with particular reference to the clumsy and intellectually disabled child and children with Down Syndrome. They discuss development in terms of a hierarchy of movement and from a neurobehavioural perspective. This identifies processes such as sensory-neurological, integrative-perceptual and motor control. These are considered to influence movement behaviour of normally developing children. Specific tests are referred to though not fully described. In my opinion the book is of value as an overview for therapists on current views of motor development. Practical recommendations are given to develop well designed developmental intervention programmes.

BOOK: PAEDIATRIC RESPIRATORY CARE – A GUIDE FOR PHYSIOTHERAPISTS AND HEALTH PROFESSIONALS

- **EDITED:** S Ammani Prasad and Juliette Hussey
- **PUBLISHED:** Chapman and Hall 1995
- **REVIEW:** Suzanne de Charmoy

An essential book for any physiotherapist dealing with paediatric cardiopulmonary disorders. It is easy to read and contains all the fundamentals. The first two chapters involve the development of the cardiopulmonary system and the basic physiology of this same system. The only detail omitted, which I felt would have been of value to include, was the development of bronchial smooth muscle, and at



what age it is susceptible to B₂ stimulation.

Chapter three "Imaging the Paediatric Chest" comprehensively covers its title. Chapter four deals with the management of respiratory failure, involving the monitoring, respiratory therapy, intubation and mechanical ventilation. In this chapter a missing point was a wider explanation of oxygen toxicity: how soon does it occur in the paediatric patient on a F_{IO₂} of greater than 0.6?

Chapter five deals with assessment of the child with respiratory disease and chapter six with physiotherapy techniques and adjuncts to physiotherapy in the paediatric patient. "Common Neonatal disorders" is the title of chapter seven it deals with the disorders themselves plus the physiotherapeutic management.

Chapter eight includes an excellent description of the different paediatric cardiac conditions and the corrective surgery. The physiotherapy management in the acute stages post-operatively is also well covered. However, I felt that more could have been included on the physiotherapy treatment after 24 hours, that is, once the child is extubated and out of the intensive care unit. Chapters nine and ten deal with the neurological intensive care and respiratory tract disorders respectively. Finally, the last chapter deals solely with cystic fibrosis, the pathology, genetics and physiotherapy treatment.

In summary I highly recommend this book as an excellent reference book on paediatric cardiopulmonary physiotherapy.