Cardiac Pacing and Defibrillation in Pediatric and Congenital Heart Disease

Description: With a growing population of young patients with congenital heart disease reaching adulthood, this unique new book offers an in-depth guide to managing the challenges and clinical issues related to device therapy in this patient group. Focusing on pacemaker, cardiac resynchronization therapy devices and ICD implantation techniques, device programming, trouble-shooting and follow up as it relates to the pediatric and congenital heart disease patients, this book provides a resource for the specialist pediatric cardiologist, electrophysiologist and the general cardiologist caring for children and young adults with congenital heart disease who have cardiac rhythm management devices.

Section one covers the basics of pacing and defibrillation with special reference to the pediatric patient. Sections two, three and four discuss clinical concepts, indications, practical approaches to device implantation, programming, trouble-shooting, managing complications, and providing follow up. These sections include discussion of specific congenital heart diseases and the unique challenges that they present in relation to device implantation and programming. The book includes helpful graphics, device electrogram tracings and radiographic images. Section four also includes a chapter on quality of life and sports participation, key elements of a young person’s lifestyle.

- The only book resource dedicated to pacing, cardiac resynchronization therapy and ICD therapy for the pediatric and congenital heart disease patient,
- Contains practical advice for pacemaker and ICD implantation, programming, trouble-shooting, managing complications and follow up,
- Up-to-date with the latest in device technology,
- Contains multiple graphics, device electrogram tracings, and radiographic images,
- Includes video clips and multiple choice questions for selected chapters on a companion website.

An invaluable resource for both the specialist pediatric cardiologist and the general cardiologist responsible for children with heart disease and pacing devices.

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