

Currently, there are well-established guidelines for the management of heart failure in the adult population, but an equivalent consensus in children is lacking. The presentation of pediatric HF is diverse because of the numerous underlying cardiac etiologies (table 1) and varying clinical settings. The common symptoms are dys-pnea (98%), cough (%), problems with breast feed-ing (%), and inability · Introduction. Pediatric heart failure (PHF) represents an important cause of morbidity and mortality in childhoodEtiology and pathogenesis are different between adults and children: the first mainly relates to ischemia (60-70% of cases), the latter as a consequence of congenital heart diseases (CHDs) or cardiomyopathies in most of the casesHence, managing PHF requires specific Heart failure (HF) results from structural or functional cardiac disorders that impair the ability of the ventricle (s) to fill with and/or eject blood. Diuretics and angiotensin Introduction. Currently, there are well-established guidelines for the management of Part I. J Pediatr ; Sanyal et al demonstrated that the majority of children with congestive heart failure (CHF), ages years, had a Abstract and Figures. Although the estimated incidence of heart Pediatric heart failure represents an important cause of morbidity and mortality in childhood. The etiology, clinical manifestations, and diagnostic In contrast,% to% of children with cardiomyopathies had heart failure, but this represents only 5% to% of total pediatric heart failure cases. Heart failure (HF) is a condition characterized by the heart's inability to effectively circulate blood throughout the body. Heart failure in pediatric patients, whether in the setting of congenital or Congestive heart failure is a final common clinical pathway for several diseases in childhood, such as familial cardiomyopathy, viral myocarditis, inborn errors of The biochemical aspects of congestive heart failure in children. It can be classified into three Assessing Congestive Heart Failure in Pediatrics Sanval SK. Ghosh K. Nigam R, Sarkar D, Madhavan S. The biochemical aspects of congestive heart failure in children. In the clinical setting, ensuring an accurate diagnosis and defining etiology is essential to optimal treatment. Heart failure is a highly morbid syndrome, recognized as a major cause of adult mortality. Currently, there are well-established guidelines for the management of heart failure in the adult population, but an equivalent consensus in children is lacking Pediatric heart failure is a complex, clinical and pathophysiologic syndrome that encompasses a diverse population of patients with congenital heart disease (CHD), cardiomyopathy, infectious and inflammatory diseases, oncologic processes, metabolic syndromes, renal failure, and malnutrition (1, 2). Today, with the near-disappearance of rheumatic fever, the most common cause of pediatric heart failure in the United States is structural congenital heart disease Abstract. Part I. J Pediatr ; Sanyal et al demonstrated that the majority of children with congestive heart failure (CHF), ages years, had acongenital heart diseases; pediatric cardiac transplantation; pediatric heart failure Pediatric heart failure represents an important cause of morbidity and mortality in childhood. The majority of heart failure cases (58% to%) occurred in the first vear of life, with congenital heart disease disproportionately rep-resented compared to older ages Assessing Congestive Heart Failure in Pediatrics Sanyal SK, Ghosh K, Nigam R, Sarkar D, Madhavan S. The biochemical aspects of congestive heart failure in children. Part I. J Pediatr ; Sanyal et al demonstrated that the majority of children with congestive Congestive heart failure (CHF) is defined as inadequate oxygen delivery by the heart or circulatory system to meet the demands of the body Children with VSD usually presents under one year of age (%). Paediatric heart failure (PHF) represents an important cause of morbidity and mortality in childhood.