Symposium on Cardiac Surgery

From the Heart Institute, Tokyo Women’s Medical College
(Director: Prof. Shigeru Sakakibara)

Prognosis of Cases Without Surgical Treatment in Congenital Heart Diseases

Koshichiro Hirosawa
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Survey was conducted on prognosis and clinical course in 749 cases of various congenital heart diseases without surgical treatment.

Death was observed in 5 of 179 cases in atrial septal defect including endocardial cushion defect, 9 of 329 cases in ventricular septal defect, none of 42 cases in patent ductus arteriosus, 17 of 145 cases in cyanotic heart diseases and 16 of 74 cases in other congenital heart diseases.

Respiratory infection was most commonly observed in infants and congestive failure was most commonly seen from school age to middle age. Brain abscess was common in cyanotic heart diseases after school age to 20 years of age. Prognosis was not worse in simple atrial or ventricular septal defect, however, congestive failure after middle age must be taken into consideration.

During the observation period of maximum 6 years, electrocardiographic and X-ray findings, and general condition did not change remarkably. This is quite different from acquired valvular diseases, and attention must be paid on this point when the prognosis of patients are considered.