Cardiac Troponin T in Dilated Cardiomyopathy

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Abstract:

In the field of cardiovascular disease, troponins have emerged as the most reliable clinical measure of myocyte injury. Despite the widespread use of cardiac troponins as biomarkers for diagnosis and risk stratification, their condition in cardiomyopathy are not known. Patients and methods: The study was conducted on 20 children with dilated cardiomyopathy, attending the Cardiology Unit of Assiut University Children Hospital, for recurring episodes of heart failure. Determination of serum level of cardiac troponin T was done on admission and discharge after relief of presenting symptoms. Results: Serum cardiac troponin T concentrations were normal (below the lower detection limit which is 0.01 ng/ml) on admission and on discharge. Conclusion: Serum cardiac troponin T does not increase in dilated cardiomyopathy.

Keywords:

cardiac troponin T, cardiomyopathy, myocyte injury

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