Estima of left ventricular mass in cases of thalassemia

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Talassemia consists of several genetically determined disordes, due to unequal synthesis of hemoqlobins, that cause ineffective erythropoesis, hemolysis and anemia.Cardiac complication are te leading cause of deat in patients with thalassemia syndroms, the cardiac complications are due to cronic anemia and iron overload.The aim of this study is to asses the left veticular mass as a new measure reflecting the cardiac condation in the thalassemic patients.This study in cluded 48 cases of B thalassemia major, subjected to clinical, laboratory, and echo-doppler studies.Te thalassemic cases were divided into two group, one received celation terapy and other did not.Echo-doppler was used in all cases to assess the structure and function of the heart, and LVM was calculated and corrected to heigt.