

عنوان مقاله:

Doppler Tissue Echocardiography and Electrocardiography in Children with Celiac Disease Compared to Controls

محل انتشار:

مجله بین المللی کودکان, دوره 6, شماره 11 (سال: 1397)

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نویسندگان:

Noor Mohammad Noori - *Children and Adolescent Health Research Center, Resistant Tuberculosis Institute, Zahedan
.University of Medical Sciences and Health Services, Zahedan, IR Iran*

Alireza Teimouri - *Children and Adolescent Health Research Center, Resistant Tuberculosis Institute, Zahedan
.University of Medical Sciences and Health Services, Zahedan, IR Iran*

.Iraj shahramian - *Zabol University of Medical Sciences and Health Services, Zabol, IR Iran*

Turan Shahraki - *Children and Adolescent Health Research Center, Resistant Tuberculosis Institute, Zahedan
.University of Medical Sciences and Health Services, Zahedan, IR Iran*

خلاصه مقاله:

Background Celiac disease (CD) is an autoimmune mediated gluten sensitive enteropathy and characterized by a wide range of clinical manifestations. The study aimed to compare Doppler tissue echocardiography findings between children with celiac disease and healthy children. Materials and Methods This case-control study was performed on 186 celiac and healthy children aged 6- 19 years. Celiac diagnosed by clinical findings and laboratory s tests (tTGlgA) confirmed by intestinal biopsy. Controls consisted of voluntary individuals free of any diseases. Echocardiography performed on participants. Data analyzed utilizing SPSS software version 20.0. Results Left Peak A, left S , right ICT , right IRT , right S , EF, FS, left ET , left IRT , right E /A left S were higher in case when Right ET was lower. Patients with left S < 8 were lower in left A , higher in right ICT , lower level in right S , higher in left E/E . Patients with Left E/E ≥ 9 , were higher in Left Peak E velocity, lower in IVSD, higher in right E/E', lower in left S and lower in left E' (P

کلمات کلیدی:

Children, Celiac disease, Tissue Doppler Echocardiography

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