

# DIAGNOSTICS OF HEART LESIONS IN PULMONARY SARCOIDOSIS

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## *Summary*

In order to reveal early impairment of pulmonary circulation and functional state of myocardium we examined 11 patients with pulmonary sarcoidosis (PS). The patients were examined using echodoplercardiography (EchoDCG), electrocardiography (ECG) and myocardial scintigraphy. It was demonstrated that in patients with PS in early stages of disease the disturbances of diastolic function of right ventricle often preceded systolic function disturbances. This manifested in the change of ratio of different phases of right ventricle filling. Based on the results of the study the following early EchoDCG signs of heart sarcoidosis were determined: dilation of left chambers of heart, decreased ejection fraction, diastolic disturbances of left ventricle and the presence of large focuses of fibrosis in myocardium of ventricles, ventricular septum, papillary muscles.