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Primary cardiac tumors clinical and echocardiographic study in Basra (south of Iraq)

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Back ground: Primary cardiac tumors are rare disease and most of them are benign in nature, although these lesions are benign histopathologically, and they are potentially fatal because they may cause sudden hemodynamic obstruction and death of patient

The aim of this study: to report these rare cases to study their clinical, echocardiographic feature and their prognosis.

Patients and methods: twenty pts with primary cardiac tumors were studied from period of February 1994 to march 2018 clinically and by echocardiography.

Result: 16 pts were female, four pts were male. 16 pts were between third and sixth decade of life four pts were teenage. Myxoma was the commonest cardiac tumors. It is more common in the left atrium (14 pts) than right atrium

(2 pts). Malignant pericardial mesothelioma was reported in two pts, and left ventricular angiosarcoma in one pt. histopathologically not diagnosed Rv tumour in one pt. None of pt referred for echocardiographic study with suspicion of cardiac tumors in mind because of the non specific and different mode of presentation. Shortness of breath was the commonest presenting symptoms were occurred in 10 (50%) pts follow by cerebral embolization and stroke 5(25%) pts. One pt present with picture mimics acute pericarditis. One pt present with right sided heart failure. One Pt with impaired renal function. one refer because of fatigue

Conclusion: cardiac tumors had different presentations and without complete surgical excision, these tumors whether benign or malignant histopathologically, they were carried high morbidity and high mortality. Transthoracic echocardiography is the most sensitive diagnostic tool.

Biography

Abdulraheem Alhumrani is the Head of the Department of Medicine Medical College of Basrah University from 2003. He is a Consultant physician in Aljumphuri hospital in Basrah, Assistant Professor of Medicine, Medical College of Basrah University Supervisor on Arabic Iraqi board student in Basrah center Editorial in Basrah medical Journals.

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