
أورام القلب
حادثة ورم غرني عضلي مخطط بدئي في القلب

الملخص

(-)

- -

*

Cardiac Tumors

Case of Rhabdomyosarcoma

Mouhiedin Al-Seoudi *

Abstract

Primary cardiac tumors are considered rarely common tumors. They are classified into two kinds of tumors: (1) Benign cardiac tumors frequently located in the left cardiac chambers, mostly common is the Myxoma , which is treated by complete good excising surgery including excision of the tumor base. (2)

Malignant primary tumors, which prefer the right cardiac chambers, mostly common are Angiosarcoma and Mesothelioma, whose primary treatment is nearly complete excision surgery with the help of artificial heart and lung, followed by chemotherapy and radiotherapy, which seldom prolong the life of the patient for about three years.

As to malignant cardiac metastases , they are less common, about 20-40 times less than the primary tumors. The most common is the Leukemia and Mesothelioma which are often treated in the same way of treatment of primary tumors. However, the prognosis of cardiac tumors are generally very bad and the average living period of the patient is not over nine months.

Twenty-three cases of Myxoma and one case of Myxosarcoma were treated in the Cardiovascular University Center from 1978 to 1993 and they were followed up for (50) months (handled in our research).

A case of primary cardiac Rhabdomyosarcoma was referred to the Nuclear Medicine Center by the Department of Cardio-surgery, Al-Assad University Hospital in Damascus. We will follow up treating this case by chemotherapy and radiotherapy. As cardiac tumors, particularly cardiac Rhabdomyosarcoma are very rare, we have prepared this scientific research.

* Department of Radiology, Nuclear Medicine Center, Faculty of Medicine, Damascus University

أورام القلب

حادثة ورم غرني عضلي مخطط بدئي في القلب

تاريخياً

Ligeti - Hoch

King

Myxoma

Columbus

الحدوث والأمراض والعوامل المرضية [1, 6]

Autopsy

.% , % ,

%

%

%

%

[7] Sarcomas

[9] Angiosarcoma

Rhabdomyosarcoma

[10] Mesothelioma

Coxsackie- B4

[3] Neurofibroma

Tuberous -Sclerosis .

الأورام القلبية البدئية السليمة

Myxomas [1,5] الأورام المخاطية

%

-)

(-

:

Tumor Plop

- - - ■

- - - - -

[6]

(C)

(- -)

VIII

.S- 100

المعالجة هي الجراحة الاستئصالية الورم مع قاعدته [6,7]

الأورام السليمة الأخرى [3,4]

/

الأورام القلبية البدئية في سورية [5]

.Myxosarcoma

[6]

Type and Frequency of Primary Cardiac Tumors

%	-	/
% ,		
% ,		
% ,		
% ,		
% ,		
% ,		
% ,		
% ,		
% >		
% >		
% >		

%

الكيسات [1]

% ,

:

.% , :

-

.% , :

-

الأورام الخبيثة البدئية في القلب [2,7,10]

Malignant Primary Cardiac Tumors

% ,

/

% ,		
% ,		
% ,		
% ,		

:

% ,		
% >		
% >		
% >		
% >		
% >		

% >		
-----	--	--

الأورام الغرزية الوعائية [7,9] Angiosarcomas

-

)

(

/ / S.T T %

)

) %

.(

▪

VIII

AIDS

.AIDS

:[2,8,10] ▪

(-)

%		-
%		-
% /		-
%		
%		

الحالة السريرية

ورم غرني عضلي مخطط بدئي في القلب

Cardiac Primary Rhabdomyosarcoma

:

:

▪

()

)

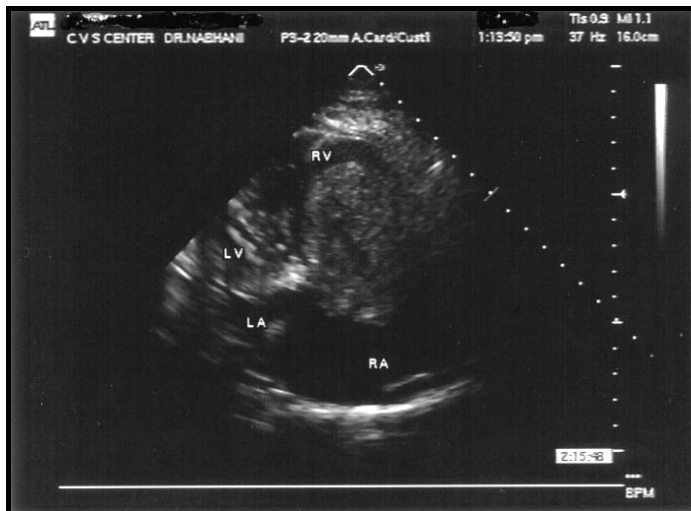
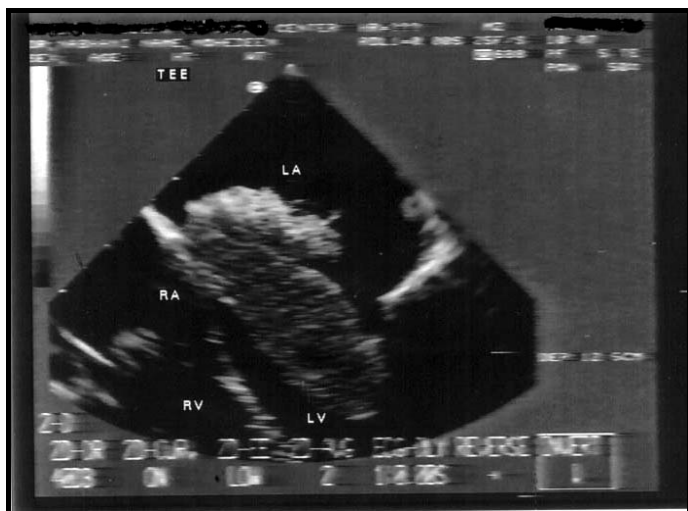
(

(A.B.V.I-- HD. CAV-- VADRIAC + IE -- C.Y.V.A.D.I.C)

C.YV.AD.L.C

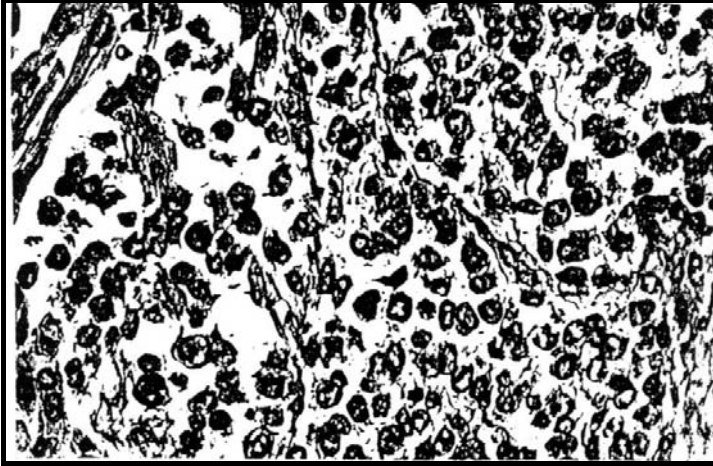
[2,6,10]

Ultra-Sound



Anatomy Pathology

Rhabdomyosarcoma



المصادر

- 1 - Allard MF, Taylor GP, Wilson JE, McManus BM. Primary cardiac Tumors. In Atlas of Heart Diseases. Edited. E. Braunwald. St. Louis: Mosby, Vol. III, p.15.1;1995
- 2- Attum AA, Johnson GS, Masri Z, Girardet R, Lansing AM. Malignant Clinical Behavior of Cardiac Myxomas and Myxoid Imitators. Ann Thoracic Surg, 44:217; 1987
- 3- Brown RD Jr, Khanderia BK, Edwards WD. Cardiac papillary Fibroelastoma, Mayo Clinic Proc 70:863; 1995
- 4- Crespo MG, Pulpon LA, Prada G, Serra no S, Vegazo I, Salas C, Espana P, Silva L, Burgos R. Heart Transplantation for 'cardiac angiosarcoma' J Heart Lung Transplant 12:527; 1993
- 5- Kabbani SS, Jokhadar M, Meada R, Jamil H, Abdun F, Sandouk A, Nabhani F. Atrial Myxoma. Report of 24 Operations Using the Bilateral Approach Ann Thorac Surg, 58-483-8; 1994
- 6- McAllister HA Jr, Fenoglio JJ Jr. Tumor of Cardiovascular System in Atlas of Tumor Pathology Army Forces Institute of Pathology; 1978
- 7- Ogle GD, Bell DR. Angiosarcoma of The Heart Aust NZ J Med, 17:74, 1987
- 8- Percy RF, Perryman RA, Amornmarn R, Lamert N, Conetta DA, Bass TA, Miller AB Prolonged survival in patient with primary angiosarcoma of the heart Am Heart J, 113:1228; 1987
- 9- Rossi NP, Kioschos JM, Aschenbrener CA, Ehrenhaft JL. Primary Angiosarcoma of The Heart Cancer, 37:891; 1976
- 10- Thomas CR, Jr, Johnson GW, Stoddard MF, Clifford S. Primary Malignant Cardiac Tumors Med Ped Oncol, 20:519; 1992.

.. // :

.. // :