

中文題目：以人工血管支架成功治療併發心包膜積液之心臟血管瘤

英文題目：Treat Cardiac Hemangioma with Pericardial Effusion by Using Graft Stent---A case report

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**Abstract:**

Primary cardiac tumors are quite rare and estimated between 0.001% and 0.003% at autopsy. Approximately, 75% of these are benign. Hemangiomas which can be defined as non-malignant vascular tumors are only accounting between 2% and 3% of all benign cardiac tumors. Generally, hemangiomas which are localized in pericardium, intramyocardial or subendocardial spaces can be diagnosed by echocardiography, computed tomography or magnetic resonance imaging. Although most cardiac hemangiomas are silence and discovered incidentally, the clinical symptoms can present at any age and vary according to the size and location. The main clinical presentations include hemopericardium, tamponade, arrhythmia, congestive heart failure, right heart ventricular outflow tract obstruction, coronary steal, and even sudden death. Current treatment of cardiac hemangiomas depends on the clinical symptoms and main choice is surgical resection. We report a patient of cardiac hemangioma complicated with pericardial effusion who was treated with a stent graft. Resolution of pericardial effusion was confirmed after eight months.