

中文題目：不尋常昏厥：冠狀動脈竊血症候群

英文題目：**Unusual presentation of syncope caused by coronary fistula with steal phenomenon**

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Coronary artery fistula(CAF) is rare but common anomalies of coronary artery, and it is defined as abnormal connection between a coronary artery and any of chambers of the heart or the great vessels. Clinical manifestations are mostly associated with cardiovascular event with seldom hemodynamic instability, but neurologic presentation is less common. Coronary angiography is the standard diagnostic tool for CAF. Management in asymptomatic patients is controversial and surgery with coronary fistula closure may be indicated for symptomatic patients. We describe the case of syncope, no neurologic manifestations are identified after series of examinations, however, ECG showed ischemic change and minimal hypoperfusion over the inferior wall of the left ventricle was demonstrated via Thallium-201 stress/rest myocardial perfusion scan. Coronary angiography revealed multiple micro-fistulas from left anterior descending coronary artery to left ventricle with steal phenomenon, which may cause rare and unusual syncope for patients.