Aneurysmatic degeneration of saphenous vein coronary artery grafts is a rare complication that generally appears late. Most of these cases are asymptomatic, although they may also be accompanied by angina, heart attack or dyspnea. The suspected diagnosis should be made when a mediastinal mass is discovered in the thoracic x-ray of a patient with a history of coronary revascularization. A computerized tomography and coronary angiography should be performed in order to confirm the diagnosis.

Due to the significant morbidity and mortality risk inherent to the risk of rupture, embolization or heart attack, surgery to remove or exclude the aneurysm should be considered as definitive treatment.