

CORONARY MICROVASCULAR DYSFUNCTION (CMD) COULD BE THE CAUSE OF YOUR PATIENTS' PERSISTENT CHEST PAIN



Coronary Microvascular Dysfunction (CMD)

Diagnosing the source of chest pain can be challenging, as many different conditions share similar symptoms. CMD is an often-underdiagnosed condition and could be causing your patients' chest pain.¹

Experts believe the causes and risk factors of CMD are the same as for disease of the larger vessels of the heart, such as high blood pressure, high cholesterol, obesity and diabetes.^{2,3}

Symptoms of CMD include³:

- Chest pain, squeezing or discomfort (angina), which may worsen during daily activities and times of stress
- Discomfort in the left arm, jaw, neck, back or abdomen associated with chest pain
- Shortness of breath
- Tiredness and lack of energy

Other warning signs of CMD may include^{1,2}:

- Persistent angina (chest pain)
- A negative stress test but still suffering from angina
- Recurrent angina after receiving stent(s) for coronary blockages
- Diagnosed with indigestion but have found no relief for symptoms

If your patients have been suffering from persistent chest pain, talk to an interventional cardiologist about the diagnostic solution for CMD.

1. Kunadian V, et al. An EAPCI Expert Consensus Document on Ischaemic with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group. *European Heart Journal*. 2020; 0:1-21. 2. Taqueti VR, et al. Coronary microvascular disease pathogenic mechanisms and therapeutic options: JACC state-of-the-art review. *J Am Coll Cardiol*. 2018;72:2625-2641. 3. Mayo Clinic. "Small vessel disease" article accessed on 4/05/2022 at: <https://www.mayoclinic.org/diseases-conditions/small-vessel-disease/symptoms-causes/syc-20352117>

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