

Cornary Artery Disease

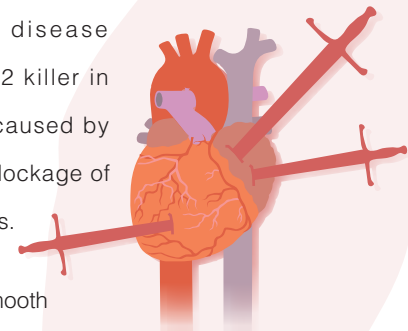
Understanding Coronary Artery Disease

Coronary artery disease (CAD) is the No. 2 killer in Hong Kong. It is caused by the narrowing or blockage of the coronary arteries.

This reduces the smooth flow of blood and, therefore, interferes with the delivery of adequate oxygen supply and nutrients to the heart muscle. In severe cases, this can lead to damage of the heart muscle and even death.

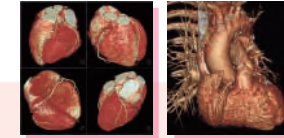
As CAD sometimes strikes without noticeable warning signs, it is also known as the “silent killer”. It carries high mortality. The complications and long term morbidity of the condition are also serious.

There is no effective treatment reverse this disease. In recent years, patients suffering from CAD are getting younger. Therefore, it is important to have regular comprehensive examinations for disease prevention.



Cardiac CT

Cardiac CT is the gold standard and the best non-invasive method for the diagnosis and qualification of CAD. It can obtain a complete comprehensive evaluation of walls and lumen of the coronary arteries as well as cardiac chambers.



Who need Cardiac CT?

- People with high risk factors for CAD
- Patients with abnormal EKG stress test
- Patients with atypical chest pain
- Periodic follow up patients with know CAD but do not want or cannot undergo conventional coronary angiography
- To diagnosis and follow up patients with congenital heart disease

Preparations

- Pregnant women cannot do this examination.
- Fasting 4 hours before the examination.
- Please notify our attending doctor if you have diabetes, asthma or any other allergies.
- If you are 60 or above, please carry out blood test for Urea and Creatinine or bring along the relevant blood test results within 6 months.
- No exercise, coffee, tea and coke 12 hours before examination.
- A drug (β blocker) may be given to slow your heart rate (ask your doctor whether have any contra-indication).

Digital Diagnostic Centre lately introduced the advanced Siemens SOMATOM Sensation Cardiac 64 system, which is the state-of-the-art multi slice CT in Hong Kong.

- The improved resolution makes diagnostic ability better
- Fastest scan time while minimize patient's discomfort
- Up to 30% dose reduction compared to conventional CT detectors



Holter Monitoring

A holter is a portable electrocardiogram (ECG) that monitors ambulatory patients 24 hours heart rate.

Echocardiogram

It is a test in which ultrasound is used to examine the heart. It allows real time detection of the heart structures and haemodynamic function.

Resting Electrocardiogram (ECG)

It is a baseline screening test to provide preliminary evidence of abnormalities such as myocardial infarction, hypertrophy (heart muscle enlargement) or arrhythmia (abnormal heart rhythm).

Exercise Treadmill Stress Test



It is a useful non-invasive examination of the cardiovascular response to exercise. It provides information about your heart's ability to respond to exercise. This is especially helpful when trying to detect severe heart conditions such as the presence of narrowed coronary arteries.

Enquiry Hotline
2739 3111

Should you have any queries, please feel free to contact our healthcare representatives.

We have taken reasonable measures to ensure that the information of this pamphlet is correct; however, all information is for reference only. Please consult doctor for any update information.



DIGITAL DIAGNOSTIC CENTRE

Address: 12/F, Oterprise Square, 26 Nathan Road, Tsim Sha Tsui

Website: www.ddchealth.com

Email: enquiry@ddchealth.com