

# Cardiac Imaging Request



Australia  
**heartscan**

Patient \_\_\_\_\_  
D.O.B \_\_\_\_\_  
Telephone \_\_\_\_\_

## 1 Specialist referred CTCA:

### MBS Item No 57360

- Patient not known to have coronary artery disease who has stable or acute symptoms consistent with coronary ischaemia and is at low to intermediate risk of an acute coronary event (*Not applicable more than once in 5 years.*)
- Patient meets the criteria for selective coronary angiography under MBS Item No 38244, 38247, 38248 or 38249. CT Coronary angiography will be performed as an alternative assessment.

### MBS Item No 57364

- Stable symptoms and newly recognised left ventricular systolic dysfunction of unknown aetiology
- Will require the assessment of one or more bypass grafts.
- Will be undergoing non-coronary cardiac surgery
- Requires exclusion of coronary artery anomaly or fistula

### NON MEDICARE ELIGIBLE / GP REFERRED CTCA (FEE APPLIES)

#### CTCA Test Preparation Only

- PRE-MEDICATION REGIMEN - **AIM: HR ≤ 60 bpm**
  - Metoprolol 50-100 mg night before and 8am morning of CTCA prescribed by referrer
  - OR
  - Chronic beta blocker / calcium channel therapy to heart rate ≤ 60 bpm
- Other preparation - (patient to tick when completed)
  - Take ALL normal morning medications except metformin
  - No food for 3 hours if possible prior to CTCA (Note: Drink water on the day to keep hydrated)
  - No caffeine/coffee/tea/energy drinks for 24 hours prior to CTCA
  - No Cialis, Viagra, Levitra, or similar for 36 hours prior to CTCA

#### Risk Factors:

- Diabetes
- Hypertension
- Hyperlipidaemia
- Family history of Heart Disease
- Smoker

#### Cardiovascular History:

(Please attach any cardiac operation/angiogram/graft/ stent reports)

- Previous coronary bypass grafts/stents
- Previous MI/history of CAD
- Previous stroke/other vascular disease

#### History:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### Allergies:

#### Recent Cr/eGFR:

\_\_\_\_\_  
\_\_\_\_\_

## 2 Other Cardiac/Non-Cardiac CT

- TAVI protocol
- CT Thoracic angiogram (? dissection, aneurysm or ulcer)
- "Triple Rule Out"  "Double Rule Out"
- Carto-merge/Pulmonary vein study: Disc to:
  - Westmead Private
  - Westmead Public
- FLASH CT pulmonary angiogram
- CT renal angiogram
- Other: \_\_\_\_\_

## 4 Nuclear Medicine +/- SPECT/CT

- Gated Heart Pool Scan
- Myocardial Perfusion / Viability Scan (MIBI)
  - Patient has symptoms of Cardiac Ischemia **and must** meet 1 of the 4 criteria below: **(Please indicate)** ✓
  - Stress echo unlikely to be adequate due to:
    - (a) body habitus, including obesity,
    - (b) arrhythmia, including atrial fibrillation
  - Unable to exercise adequately for maximal exercise test
  - Failed previous stress echo (in last 24 months)
  - Repeat within 24 mths if patient has undergone Revascularisation since Myocardial Perfusion and or has ongoing or evolving symptoms

## 3 Cardiac MRI

### MEDICARE ELIGIBLE - PLEASE TICK

- (MBS item no 63395) Symptoms or Investigations consistent with ARVC (Arrhythmogenic Right Ventricular Cardiomyopathy)
- (MBS item no 63397) Asymptomatic with 1 or more first degree relatives with ARVC

### NON-MEDICARE ELIGIBLE (FEE APPLIES)

- Cardiomyopathy/Myocarditis
- Viability/Ischaemia
- Congenital Heart Disease
- Tumour/Mass
- Pericardial Disease
- Other: \_\_\_\_\_

## 5 Echocardiogram

- Routine echocardiogram

**Phone 1300 858 316**

**Fax 1300 858 317**

### Barangaroo (Medscan Barangaroo)

300 Barangaroo Avenue  
Level 1, International Tower 3  
Barangaroo NSW 2000

**Note: Entry on Barangaroo Avenue (above Bel & Brio).**

Look for the "red cross" + sign.

### Merrylands (Medscan Merrylands)

175 Pitt Street  
(Cnr Pitt Street and Neil Street)  
Merrylands NSW 2160

### Double Bay (Medscan Double Bay)

Level 3, Kiaora Place  
451 New South Head Road  
Double Bay NSW 2028

[heartscanaustralia.com.au](http://heartscanaustralia.com.au)

Referring Consultant /Dr. ....

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_  
Provider No: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Coronary CT Angiogram Patient Information

CTCA Test preparation - please follow instructions in box on other side of this page

## What is a CT Scan of the Coronary Arteries (CTCA)?

The blood vessels that supply blood to the heart are the coronary arteries (CA).

Previously, the only accurate way of assessing these was by a conventional coronary angiogram. This is an invasive test, which requires hospital admission and contrast injection through a large needle in an artery in your groin.

Today, the coronary arteries for most people can now be assessed using ultra-fast computed tomography (CT) scanners. The result - a CTCA - is a less invasive test that involves injecting contrast through an arm vein. It is quicker, has less potential complications and has been shown to be as accurate as a conventional coronary angiogram.

## What are the Risks?

As with any medical procedure, there are some risks associated with the scan:

- **Radiation:** X-rays are used during the scan. Heartscan uses **state of the art CTs** that minimise radiation dose. Typical dose around 0.1mSv - 2mSv depending on patient size and technique. At the lower dose, this amount of radiation is about 1/15 of the amount of background radiation that you receive in a year from natural sources, such as cosmic rays. This dose is up to 100 times LESS than the dose from some other CT scanners.
- **Contrast Reaction:** Very rarely people experience an allergic reaction to the contrast (dye). This usually manifests as an itchy rash, which settles down by itself. Asthmatic patients may experience worsening of their asthma shortly after the injection. Patients with kidney failure require cautious contrast injection as contrast can (usually temporarily) worsen kidney function. There is a < 1 in 100,000\* risk of life threatening (anaphylaxis) reaction \*RANZCR
- **Contrast leakage:** Very rarely the contrast goes into the tissues under the skin in your arm rather than into the vein. This can cause bruising, swelling and mild discomfort. This usually resolves by itself. We will perform a test injection using saline to help prevent this from happening. In addition, a member of staff will be with you to watch the injection.

## What to Expect:

- You will change into a gown and have your blood pressure and heart rate monitored. You will be assessed by a radiologist or cardiologist. You may require additional medication.
- You will have a cannula (plastic needle) inserted in the vein near your elbow and ECG leads placed on your chest.
- You will be given GTN (Nitrolingual spray) under the tongue just before the scan to relax your coronary arteries, helping us to obtain the best images possible. This may give you a mild headache.
- You may notice a warm sensation and a metallic taste during the contrast injection. This is normal.
- For some scans, you need to hold your breath for up to 15 seconds and to lie flat for about 5-10 minutes.
- Although the scan time is fast -1/4 second, the process is more time consuming. Allow up to 3 hours for additional medication
- Allow for post procedure care and monitoring for a short period of time after the completion of the examination. The effects of beta-blockers should wear off after half a day, but please consider organising someone else to provide transport home, especially if you live far away.

## Results

- Your referrer will be notified directly of any urgent/unexpected findings on the day of examination. Routinely, test results will take up to 5 days.
- If you have any questions about the test, please discuss this with your referring doctor. Also, there are radiographers and radiologists on hand at Heartscan Australia who will be able to address any of your concerns.

## CONSENT: Please bring this form with you and sign below if you consent to this test.

I \_\_\_\_\_ understand the above and give my consent to undergo CT scanning including assessment of the Coronary Arteries (CTCA). I also consent to the collection and anonymised use of personal information (eg height and weight) for the purposes of quality assurance and academic publication.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Witness: \_\_\_\_\_



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**MERRYLANDS** (Medscan Merrylands)

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