



## CT Coronary Angiogram Patient Information Sheet

### What is a Coronary Angiogram?

A Coronary Angiogram is a procedure performed with CT guidance to specifically view (highlight) the arteries of the heart. The images taken are able to show if there are any blockages, narrowing or other abnormalities causing decreased blood flow to areas of the heart. Your surgeon will discuss the results with you at your next appointment.

### Preparation

- Cease all caffeine 24 hours prior to procedure (coffee, tea, chocolate, energy drinks etc).
- Clear fluids only for 4 hours prior to procedure (it is important to stay well hydrated).
- Take all normal medications morning of procedure, especially heart medication.
- Avoid stimulants and cigarettes. (They can cause an irregular heart beat and make the procedure unsuccessful).
- Complete the questionnaire and fax, email or give to reception on arrival to our rooms.

### The procedure

On arrival in the department you will be interviewed by the nurse who will record your history. You will be connected to a monitor so that we can observe your heart rate and rhythm. It is required that your heart rate is 60 or below before we can perform the CT scan. If the heart rate is too fast it will give a lot of movement on your imaging and we may not get clear pictures of your heart. If your heart rate is greater than 60 we will give you medication that will lower your heart rate. Every time that we need to medicate you it will mean that you will be in the department for a further 1 hour while the medication works. It is not unusual that we may need to medicate you 3-4 times before your heart rate lowers to a level that we can work with. A cannula will be inserted into a vein in your arm. The cannula will stay insitu for a further 30 minutes after your CT scan is performed. When your heart rate is at a level we can work with you may be given a spray of GTN under the tongue. The GTN might give you a headache that will last until after the CT scan. You will be transferred onto the CT table. A series of CT imaging will be taken. X-ray dye (contrast) will be injected via the cannula in your arm and more imaging is taken. You will be returned on your trolley to the trolley bay. Your blood pressure will be monitored. A cup of tea or coffee will be given to you. The caffeine will take away any residual headache that you may still have from the GTN. 30 minutes after your CT scan the cannula will be removed from your arm and you will be allowed to go home. Please be aware that if you have been given medication for your heart you should have a very easy and relaxing afternoon. The medication may make you feel light headed on exertion. The medication will be removed from your body via the renal system within 24 hours. You should increase your fluid intake post injection of x-ray Dye.

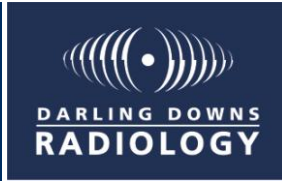
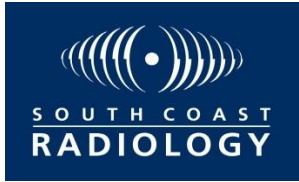
### Complications

- Allergy to x-ray dye (contrast)
- Hypotension (low Blood Pressure)
- Bradycardia (low heart rate)

### When discharged

It may be necessary for you to have medication to lower your heart rate. Therefore you should arrange for someone to drive you home. On discharge you should plan to have an easy relaxing afternoon, minimal exertion, especially if you were medicated for the procedure.

Drink extra water. The more water you drink the quicker the medication and X-ray dye are excreted from your body. **Your referring doctor will discuss the results of the test with you.**



# CT Coronary Angiogram

## Patient Questionnaire

Patient sticker

Patient Name \_\_\_\_\_

Have you had any previous heart problems? If yes list same \_\_\_\_\_

\_\_\_\_\_

Do you have a pacemaker? \_\_\_\_\_ What rate is the pacemaker set at? \_\_\_\_\_

Have you had coronary artery bypass surgery? \_\_\_\_\_

Do you take medication for your heart? If so list same \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Are you Asthmatic? \_\_\_\_\_

List medication you are allergic to \_\_\_\_\_

\_\_\_\_\_

Have you had an allergic reaction to contrast (x-ray dye)? What was your reaction? \_\_\_\_\_

\_\_\_\_\_

Are you diabetic? If so what medication do you take? \_\_\_\_\_

Do you have renal problems? \_\_\_\_\_

Name of company where you have your blood tests \_\_\_\_\_

Has your doctor instructed you to take any medication in preparation for this procedure? Yes No

Name and amount of medication taken \_\_\_\_\_

Have you had any caffeine in the last 24 hour? Yes No

Have you had any erectile dysfunction medication in the last 48 hours? Yes No

Last ate at \_\_\_\_\_

**Please complete form and give to reception on arrival for procedure or fax/email to site prior to procedure.**