

## Common Tests

### Common x-ray Tests include:

- **General x-ray** - Used to look at bones as well as other structures inside your body.
- **Dental** - These include OPG, Lateral Cephalostat (CEPH), Intraoral views, Cone Beam VT and Bone Age.
- **Barium Studies** - These studies look at the digestive and gastro-intestinal (GI) tract including the oesophagus, stomach, small and large bowel.
- **Diagnostic Fluoroscopy (non Barium)** - An injection of contrast dye is placed in the area being examined by x-ray. These may include joints, ducts, uterus or urethra.
- **Interventional Procedures** - X-ray is used to guide the insertion or removal of tubes, wires or other devices as well as needle placement such as a PICC Line insertion.



## Locations and Contact Details

### CENTRAL CLINICS

#### **St Andrew's Hospital**

Phone: 08 8402 4402

Fax: 08 8402 4430

#### **Calvary Wakefield Hospital**

Phone: 08 8306 5612

Fax: 08 8306 5623

#### **Burnside**

Phone: 08 8403 3100

Fax: 08 8403 3120

#### **Kurralt Park**

Phone: 1300 43 55 66

Fax: 08 8193 9550

#### **Stepney (SPORTSMED)**

Phone: 08 8309 2209

Fax: 08 8309 2223

#### **SAHMRI - Opening Late 2016**

Phone: 08 8470 6750

Fax: 08 8470 6755

### NORTHERN CLINICS

#### **Modbury**

Phone: 08 8397 5800

Fax: 08 8397 5811

#### **Munno Para (Blakeview)**

Phone: 08 8307 9700

Fax: 08 8307 9709

#### **Prospect**

Phone: 08 8309 4130

Fax: 08 8309 4142

### HILLS CLINICS

#### **Mt. Barker District Hospital**

Phone: 1800 766 433

Fax: 08 8188 7729

#### **Mt. Barker Central**

Phone: 1800 766 433

Fax: 08 8188 7713

### SOUTHERN CLINICS

#### **Noarlunga Hospital**

Phone: 08 8307 3400

Fax: 08 8307 3420

#### **Seaford Meadows**

Phone: 1800 373 982

Fax: 08 8307 3420

#### **Southern Specialist Centre**

Phone: 08 8307 3450

Fax: 08 8307 3460

### COUNTRY CLINICS

#### **Alice Springs Hospital**

Phone: 08 8951 7870

Fax: 08 8953 4300

#### **Goolwa**

Phone: 1800 693 126

Fax: 08 555 6110

#### **Port Augusta Hospital**

Phone: 08 8642 5322

Fax: 08 8642 6255

#### **Port Lincoln Hospital**

Phone: 08 8683 2227

Fax: 08 8683 2090

#### **Port Pirie Hospital**

Phone: 08 8638 4519

Fax: 08 8638 4368

#### **Victor Harbor**

Phone: 08 8552 0590

Fax: 08 8552 0597

#### **Walleroo District Hospital**

Phone: 08 8823 0235

Fax: 08 8823 0232

#### **Whyalla Hospital**

Phone: 08 8645 5486

Fax: 08 8645 5584

**DR JONES  
& PARTNERS**  
MEDICAL IMAGING

MRI

Ultrasound

CT

**X-ray**

Dental

Mammography

Bone Densitometry

Nuclear Medicine

PET

## Patient Information Guide



## What is an X-ray?

An x-ray will give your doctor important information about a particular part of your body to help with treatment.

The x-ray image is made when a small amount of radiation passes through the body and exposes the film on the other side.

X-rays can be used to look at bones as well as other structures inside your body such as the lungs and bowel. x-rays are also good at seeing other things which may be inside you like a joint replacement, swallowed coin or kidney stone as long as they are dense enough.

X-rays have energy that can penetrate deep into and through objects. Depending on the density of an object, an x-ray will pass through (skin and muscle) or be absorbed (bones and metal implants).

Some x-ray examinations use live x-rays/fluoroscopy. These examinations use iodine or Barium as a contrast agent (dye). The contrast can demonstrate anatomy which is difficult to see on normal x-rays as it is more dense than surrounding tissues.



## How do I prepare for an X-ray?

In most cases there is no preparation required for an x-ray. You may be asked to remove some of your clothes and jewellery so they don't get in the way of the image and potentially hide an important finding. If clothes are to be removed you will be given a gown to wear.

### Preparation for Barium Studies

You will need to fast for these studies as food can be seen in the x-rays. You will be advised of the fasting time when booking your appointment.

For a Barium enema study you will need to collect a bowel preparation kit from one of our clinics. This kit requires you to follow a special diet the day prior to your booking and consume a laxative drink to clear your bowel before the procedure. You must follow the instructions given to you precisely.

## What happens during an X-ray?

Depending upon the part of your body being imaged you may need to stand, sit on a chair or lie down on the x-ray table.

Usually at least 2 x-ray views are required to look at a particular area and sometimes more. There are certain views which are recommended depending upon the part of the body being imaged and the clinical information your doctor has given us.

The radiographer will explain what is required and move your body part into the necessary position. You can let them know if it is too painful.

## Are there any risks/side effects of having an X-ray?

All x-rays involve exposure to radiation. In theory radiation can be harmful but there is negligible effects at the low doses used in diagnostic imaging.

The radiation exposure from an x-ray will vary with the type of scan and the size of the patient. The x-ray beam is limited to the area being imaged to reduce the radiation dose as far as possible.

Everyone is exposed to radiation from natural sources everyday. In many cases the radiation dose from the x-ray would be less than the radiation from natural sources in a year.

It is also important to remember that the risk of missing an important finding is almost always going to be larger than the theoretical risk from radiation from an x-ray.

