


# Ultrasound





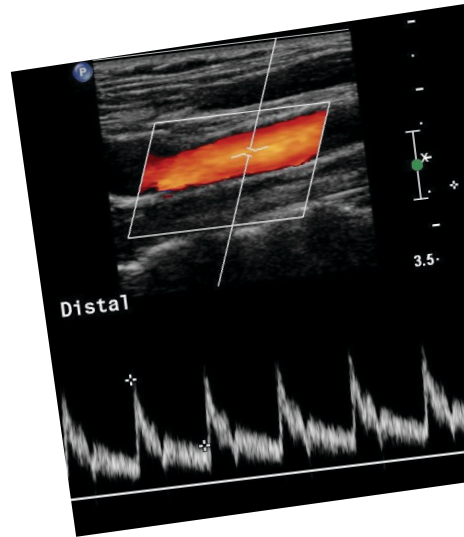
The Department of Radiology provides a comprehensive range of imaging services, both diagnostic and image-guided interventional procedures to diagnose and treat many medical conditions. Using advanced imaging equipment, our qualified and experienced radiologists and radiographers perform a variety of examinations, from basic X-rays to more complex MRI and CT scans.

# What is an ultrasound examination?

An ultrasound examination is a diagnostic procedure involving the use of high frequency sound waves to produce images of soft tissue structures such as muscles, organs and blood vessels. Ultrasound images are captured real-time to depict these structures and their blood flow.

## What can I expect?

- You will be positioned comfortably on an examination couch.
- Warm water-based gel will be applied onto your skin, over the area to be scanned. A small, hand-held device called a transducer will be placed firmly over the area of interest to obtain relevant images.
- Upon completion of the examination, the gel will be wiped off.
- It takes between 15 to 90 minutes to complete an ultrasound procedure.



# How should I prepare?

## **Ultrasound of the abdomen/hepatobiliary/doppler renal artery/ doppler abdominal vessels**

- Do not consume any food or drinks at least 6 hours before your appointment.
- Do not smoke on the day of your appointment.

## **Ultrasound of the Pelvis (routine - Trans abdomen), Kidneys and Bladder**

- Drink 3 glasses of water (1 glass = 300ml) one hour before your appointment time.
- If you are on fluid restriction, please follow your fluid regimen and omit the fluid intake stated above.
- Do not empty your bladder until the examination is over. A full bladder is needed for the scan.
- If patient is on urine catheter, it should be clamped 1 hour before the appointment.

## **Ultrasound of the Pelvis (Transvaginal)**

- No preparation is needed for this.
- You will be instructed to empty your bladder before the examination.

## **Ultrasound of small parts (e.g. thyroid, testes, breasts, shoulder, etc)/ doppler studies of upper and/or lower limbs/carotids (neck)**

- No preparation is required.



## Important points to note

- Please be punctual. Any delay will affect the scheduling of other patients, and your appointment may need to be rescheduled.
- Please inform the Radiology department at 6716 2001 if you are unable to keep the appointment.

Appointment	
Name:	
Age:	Sex:
Examination:	
Fee (estimated):	
Appointment Date:	
Appointment Time:	
Referring SOC:	
<b>Venue:</b>	Radiology department (Tower A – NTFGH Clinics), Ng Teng Fong General Hospital

**Notes:**

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## For more information

### Ng Teng Fong General Hospital and Jurong Community Hospital

1 Jurong East St 21, Singapore 609606

[www.ntfgh.com.sg](http://www.ntfgh.com.sg) | [www.jch.com.sg](http://www.jch.com.sg)

### Clinic opening hours

Monday – Friday: 8.30am – 5.30pm

Saturday: 8.30am – 12.30pm (Selected clinics only\*)

Dental Clinic: Monday – Thursday: 8.00am – 5.30pm, Friday: 8.00am – 5.00pm

*\*Please refer to our websites for more details.*

### General enquiries & appointments

General enquiries line: 6908 2222 (24-hr)

Fax: 6716 5500 | Email: [contactus@nuhs.edu.sg](mailto:contactus@nuhs.edu.sg)

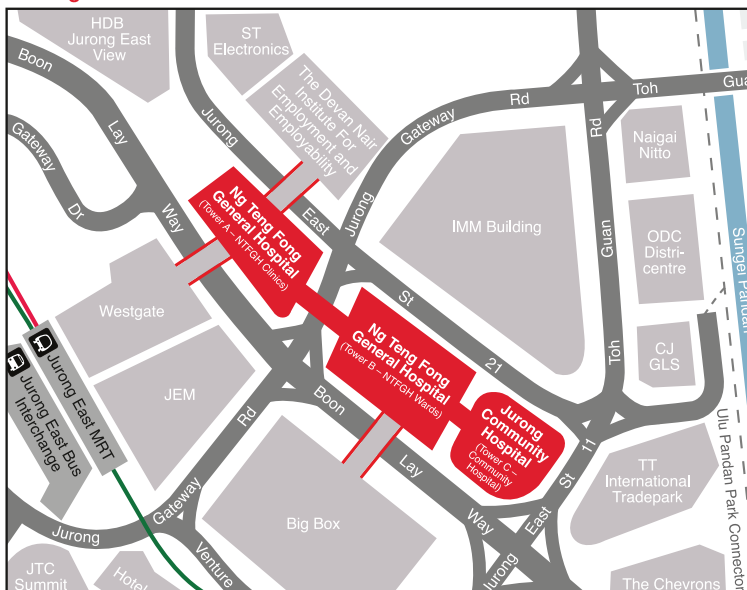
Appointment line: 6908 2222 (Monday – Friday: 8.00am – 5.30pm, Saturday: 8.00am – 12.30pm)

Fax: 6716 2200 | Email: [appointment@nuhs.edu.sg](mailto:appointment@nuhs.edu.sg)

Dental appointment line: 6716 2233 (Monday – Friday: 8.00am – 5.30pm)

Fax: 6716 2200 | Email: [JHCampus\\_Dental@nuhs.edu.sg](mailto:JHCampus_Dental@nuhs.edu.sg)

## Getting there



### By train

Alight at Jurong East MRT Station

### By bus

#### Jurong East Bus Interchange

41, 49, 51, 52, 66, 66B, 78, 78A, 79, 79A, 97, 97E, 98, 98M, 105, 143, 143M, 160, 160A, 160M, 183, 183B, 197, 333, 334, 335, 506

#### Along Boon Lay Way

49, 99, 333, Private bus service 625, 990

### Disclaimer:

The information in this brochure is meant for educational purposes and should not be used as a substitute for medical diagnosis or treatment. Please seek your doctor's advice before starting any treatment or if you have any questions related to your health, physical fitness or medical condition. Information is accurate at the time of printing.