



OUR SERVICES

- ◆ MRI
- ◆ CT SCAN
- ◆ DIGITAL X-RAY
- ◆ PORTABLE X-RAY
- ◆ MAMMOGRAPHY
- ◆ 4D ULTRASOUND
- ◆ BMD
- ◆ OPG
- ◆ COLOUR DOPPLER
- ◆ 2D ECHO
- ◆ HOLTER
- ◆ TMT
- ◆ PFT
- ◆ ECG
- ◆ ABP MONITORING
- ◆ FENO
- ◆ ENDOSCOPY
- ◆ COLONOSCOPY
- ◆ FIBROSCAN
- ◆ H2 BREATH TEST
- ◆ EGG
- ◆ EEG ◆ EMG
- ◆ NCV
- ◆ UROFLOWMETRY
- ◆ PATHOLOGY
- ◆ EYE CHECKUP
- ◆ PHYSIOTHERAPY
- ◆ DOCTOR CHAMBERS
- ◆ HEALTH PACKAGES
- ◆ HOME COLLECTION

Neuberg Pulse

DIAGNOSTICS

AN NABH & NABL
ACCREDITED LABORATORY



Precaution

- ◆ CT (Computed Tomography) scanning is, in general, not recommended for pregnant women unless medically necessary because of potential risk to the baby.
- ◆ Manufactures of intravenous contrast indicate mothers should not breast-feed their babies for **24 hours to 48 hours** after contrast medium is given.
- ◆ The risk of serious allergic reaction to contrast materials that contain iodine is extremely rare and radiology departments are well-equipped to deal with them.
- ◆ CT (Computed Tomography) scans in children should always be done with low-dose technique.

KOLKATA

Lansdowne
James Long Sarani
Narendrapur

Behala
Shyambazar
Joka (Pailan)

Ekbalpur
Howrah
Maniktala (PPP)

EASTERN INDIA

Asansol
Avishkar Diagnostic

Ranchi
(Powered by MSD)

Raniganj
Avishkar Diagnostic

Siliguri
Pomesh Health Care

Neamatpur
Avishkar Diagnostic

LAB SERVICES

Patna
Raman Imaging & Diagnostic

Dharmanagar
Heart Health & Immunity

Giridih
Navjeevan Nursing Home

Agartala
Prime Care Nursing Home

Dibrugarh
Ultracare Diagnostic

Jamui

Bhagalpur
Medicare Patholab

Dhanbad
Avishkar Diagnostic

Imphal
Kayaat Diagnostics

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GLOBAL

United Arab Emirates | South Africa | United States of America

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FOR FURTHER QUERIES FEEL FREE TO CONTACT

 **033 7198 1800**

CT SCAN

(COMPUTED TOMOGRAPHY SCAN)



What is a **CT SCAN**

CT Scan is an abbreviation for Computed Tomography Scan - a valuable diagnostic medical exam that combines X-Rays & Computers. Often called CAT scans. CT scans have been performed successfully for almost 30 years.

A CT Scan gives the radiologist a non-invasive way to see inside your body. Using a computer, these 2-D images can be presented as 3-D pictures for indepth clinical evaluations. The entire test takes 5 to 10 minutes .

Reason for CT SCAN

CT Scan are performed when people are ill or injured or when a doctor suspects a medical problem that cannot be detected easily with a routine physical examination.



Preparation for CT SCAN

Depending on the part of your body being scanned, you may be required to drink contrast. This contrast helps to highlight the stomach and intestines on the images. There will be a prep time of 1-2 hours depending on the test your physician has ordered.

If you are required to drink contrast for your CT scan, you need not eat or drink anything at least 4 hours prior to the test.

If you are over 60 years of age, have diabetes, or poor kidney function, you may need a blood test prior to your CT. The blood test is called a Creatinine level, and can be obtained at Pulse.

When you are brought in for your test, an IV line will be started so that the contrast can be injected. When the contrast is injected, it is common to feel warm for 1-2 minutes. If you have any allergy, you need to speak with your doctor before having the contrast.

You will be asked to drink plenty of fluids for the next 48 hours to help flush out the contrast.

After the Examination

The radiologist will carefully analyze your CT images, review the findings with your physician and provide a report. Your physician will then discuss the results with you.

Benefits

- ✦ CT scanning is painless, noninvasive and accurate.
- ✦ A major advantage of CT is its ability to image bone, soft tissue & blood vessels all at the same time.
- ✦ Unlike conventional x-rays, CT scanning provides very detailed images of many types of tissue as well as the lungs, bones and blood vessels.
- ✦ CT examinations are fast and simple ; in emergency cases, they can reveal internal injuries and bleeding quickly enough to help save lives.
- ✦ CT Scan has been shown to be a cost-effective imaging tool for a wide range of clinical problems.
- ✦ CT Scan can be performed if you have an implanted medical device of any kind, unlike MRI.
- ✦ A diagnosis determined by CT scanning may eliminate the need for exploratory surgery & surgical biopsy. No radiation remains in a patient's body after a CT examination.
- ✦ X-rays used in standard CT scans have no immediate side effects.

