

# Now Enjoy your **3T MRI Experience!**

Hi-definition imaging with unparalleled patient comfort

“Our technology sees  
the tiniest details but  
our focus is always on you”



**FIRST TIME IN NEPAL**  
**3T Ingenia MRI**  
with in-bore experience





## What is an MRI exam?

MRI (Magnetic Resonance Imaging) is a non-invasive, painless procedure. Without using traditional X-ray imaging, MRI allows doctors to see inside the body to diagnose and identify possible medical conditions. An MRI simply samples signals from water that makes up the body. Specialised antennae create highly defined images that can be used to make diagnosis. You will see that an MRI process is shorter than you think. This is true especially in case of Philips Ingenia 3.0T CX as it is a digital MRI designed to deliver most routine scans with maximum speed.

## Why is an MRI scan needed?

MRI scans are performed when people are ill or injured or in case of a medical problem that cannot be easily detected with a routine physical examination. However, the challenges in the procedure involved might sometimes deter smooth analysis. That's why Philips Ingenia MR 3.0T CX has been equipped with innovative technologies that can capture minutest details from multiple angles! This information helps the Radiologist and the Doctor in making accurate diagnosis.

## How long will your exam take?

That will depend on what is being studied, but a typical exam lasts between 20 to 60 minutes. Extra time may be taken in case the exam lasts longer than expected.

## What can you expect?

Inside the MRI room you will see Philips Ingenia MR 3.0T CX, an MRI system created for your comfort. You will see a padded table and a large donut shaped device called the 'gantry'. The larger opening space for the head in this machine is designed so for your comfort. The MRI technologist will help you lie down and give you headphones that will help the technologist stay in contact throughout the examination. You will be requested to lie still during the scan and hold your breath for a short time to minimize body movement. If the table moves during the scan do not worry. This is only for better imaging. The MRI technologist will consistently monitor you from the other side.

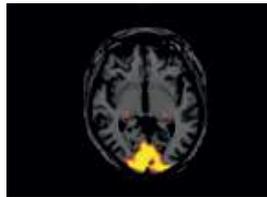
## Claustrophobia eliminated with the INBORE EXPERIENCE

Claustrophobia is a common clinical problem for patients undergoing MRI. The INBORE EXPERIENCE, the first of its kind in the world has been designed by Philips to circumvent this problem.

- a. **Immersive Visual experience** – patients can now view movies, videos, of their choice inside the MRI tunnel during the examination
- b. **Acoustic noise reduction** – now automatically provides upto 80% of noise ComforTone reduction inside the MRI tunnel
- c. **Auto Voice** – Auto voice guides patients through breath holds, announces table movements and indicates scan duration helping enhance patient comfort and cooperation.



*Experiment Image*



*Visual Activation*

## Newer Application

1. **FMRI** : Functional MRI imaging – maps important neurological centers in the brain.
  - Pre surgical brain mapping, Brain Tumor resections,
  - Research activities.
2. **Breast Imaging** : With latest version of dedicated breast coil.
3. **Enhanced Joint Imaging** : Using porto Knee testing device
4. **Cardiac MRI** : Including T1 & T2 mapping

## About Norvic:

Chaudhary Group, one of the prominent Corporate Houses of Nepal, established Norvic International Hospital in 1994. Today, the hospital is recognized as one of the best critical care hospitals in the country and remains a full-service community health-care facility designated as an International Hospital. We have a highly skilled staff of affiliated physicians, full-time and part-time professional health care staff, and a group of active medical, technical and paramedical professionals. Our staff benefit from our commitment to quality, continuous learning, cross training, skill development activities, flexibility, balanced leadership and a sense of community.

Norvic Imaging also offers its patients the world's most advanced CT scanning services. The "state-of-the-art, 128 slice Ingenuity with iDose4" CT scan gives patients some of unique benefits such as 80% lower X-Ray radiation, faster scanning with highest image quality and so on.

Norvic is the first private sector hospital to be certified with "Global Green and Healthy Hospitals". Being the 1st hospital in the country to have National Accreditation Board For Testing Laboratories (NABL) certified pathology lab it provides full fledged Pathological and Diagnostic facilities manned by distinguished panel of Consultant Pathologists and Radiologists ensuring the country's best Outpatients and Inpatients diagnosis leading to quality medical care.

Having had the distinct pleasure of adding the best in class 3.0 Tesla CX MRI and a 128 Slice CT scan, Norvic is now a centre of excellence in terms of diagnostic facility as well.



Norvic Commitment to patients and clinicians - The new MRI and CT scanners with latest software upgrades and advanced clinical applications are backed up by the collective expertise and experience of the Norvic Hospital Radiologists practicing imaging in the city of Kathmandu.