CAPITOL MEDICAL CENTER, INC.
A MOUNT GRACE PARTNER

Experience Cutting-Edge Medical Technology at Capitol Medical Center

At Capitol Medical Center, we are committed to providing high-quality healthcare by combining excellent medical expertise with technologically advanced medical equipment




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3D Mammography – Early Detection with Unmatched Precision

Our state-of-the-art 3D Mammography system provides high-resolution, superior-quality images, enabling radiologists to identify breast abnormalities earlier and with greater accuracy. This advanced technology significantly enhances breast cancer screening, offering more detailed and dependable results, for your peace of mind.

What is 3D Mammography?

Also known as Breast Tomosynthesis or Digital Breast Tomosynthesis, 3D mammography involves taking multiple X-ray images of the breast from different angles as the machine moves in an arc. These images are then combined to create a three-dimensional view, offering a clearer and more comprehensive assessment of breast tissue.

Benefits of 3D Mammography

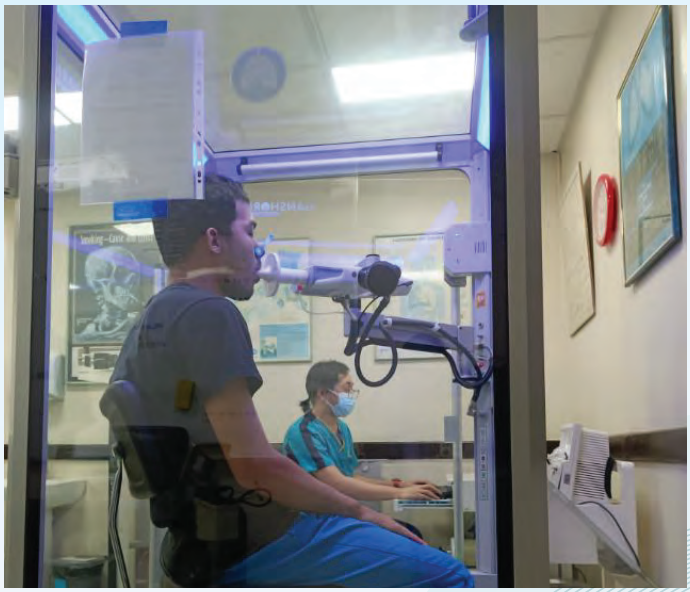
- **Improved Cancer Detection:**
  3D mammography can detect breast cancer earlier and with greater precision, especially in women with dense breast tissue where abnormalities may be hidden in standard 2D mammograms.

- **Reduced False Positives:**
  By providing a layered view of the breast, this technology reduces the chances of false positives—where benign areas are mistaken for cancer—minimizing unnecessary stress and follow-up procedures.
- **Enhanced Visualization:**
  Radiologists can examine the breast tissue in thin "slices," allowing for a more detailed and accurate evaluation of any abnormalities.
- We have a dedicated **Breast Care Center** for assessment and consultation. You may reach us through the CMC Concierge at (02) 8372-3825, (02) 5318-5100, or via mobile at 0919-069-1890 to 91.

Body Plethysmography – Advanced Lung Function Testing

Breathe easier with Body Plethysmography, an advanced lung function test available at Capitol Medical Center. This diagnostic tool is especially beneficial for patients with asthma, COPD, and restrictive lung diseases, as it measures lung capacity and airflow with exceptional accuracy. It also plays a crucial role in early lung impairment detection and preoperative respiratory assessments.

Body plethysmography is a noninvasive type of lung function testing known as a pulmonary function test. It is safe and comfortable.



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How does it work?

It determines how much air is in your lungs after you take a deep breath. It also determines how much air remains in your lungs after you breathe out completely.

Body plethysmography can also:

- Compare how your lungs function to how well your lungs should be working compared to any previous tests you've taken or to standards for your demographic.
- Measure the effect of chronic lung diseases on your lung function.
- Detect early changes in your lung function that might require a change in your treatment.
- Determine whether substances in your home or work environment have damaged your lungs.
- Determine your ability to tolerate medical procedures, including surgery.

Specular Microscope and Corneal Analyzer – Precise Corneal Examination

Your vision matters. With our Specular Microscope, we offer comprehensive eye health assessment by providing a detailed analysis of the cornea. This technology allows our specialists to detect and monitor various eye conditions with precision, ensuring optimal eye care.

For a complete and accurate vision check-up, our Corneal Analyzer is an indispensable tool. This high-tech eye scanner evaluates the shape, thickness, and overall health of the cornea, helping doctors assess eyesight with unmatched accuracy.

The **Specular Microscope** and **Corneal Analyzer** are advanced diagnostic tools used to assess the health and structure of the cornea. A specular microscope focuses on evaluating the corneal endothelium—the thin layer of cells on the inner surface of the cornea responsible for maintaining its clarity by controlling fluid balance. It measures endothelial cell density, size, and shape, helping detect corneal damage or diseases, particularly after eye surgeries such as cataract removal or corneal transplants. It is also useful in monitoring patients with glaucoma or those who wear contact lenses. On the other hand, the corneal analyzer, also known as a corneal topographer or tomographer, provides a detailed map of the cornea's surface curvature and thickness. It is essential for diagnosing conditions like keratoconus, planning refractive surgeries such as LASIK, monitoring post-operative healing, and ensuring proper contact lens fitting. Together, these play a vital role in comprehensive eye care and early detection of corneal abnormalities.

Hyperbaric Oxygen Therapy – Healing with the Power of Oxygen

Capitol Medical Center is one of the few hospitals in the Philippines—alongside institutions like St. Luke's Medical Center, Chinese General Hospital, and the Lung Center of the Philippines—that offer Hyperbaric Oxygen Therapy (HBOT). This non-invasive, painless treatment enhances the body's natural healing processes by delivering 100% pure oxygen under increased atmospheric pressure. HBOT is widely recognized for its ability to accelerate wound healing, repair damaged tissues, and support overall recovery—making it a powerful therapy for a wide range of medical conditions.

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Benefits of HBOT Treatment

- **Enhances Wound Healing**
  HBOT increases oxygen delivery to tissues, promoting faster and more effective healing—especially in chronic, non-healing wounds such as diabetic foot ulcers or pressure sores.
- **Fights Infection**
  Elevated oxygen levels boost the body's ability to combat bacteria and enhance the effectiveness of certain antibiotics, making HBOT especially useful in treating infections like gas gangrene and necrotizing fasciitis.
- **Promotes New Blood Vessel Formation**
  HBOT stimulates angiogenesis—the growth of new blood vessels—which improves circulation in damaged or oxygen-deprived tissues.
- **Reduces Swelling and Inflammation**
  The therapy helps minimize tissue inflammation and swelling, supporting faster recovery from injuries or surgical procedures.
- **Preserves Damaged Tissue**
  In cases such as crush injuries or radiation-related tissue damage, HBOT helps reduce further tissue loss and aids in salvaging affected areas.

- **Improves Oxygen Delivery in Circulatory Disorders**
  HBOT supports healing in patients with poor blood flow due to conditions like peripheral arterial disease or following reconstructive surgery.
- **Detoxifies the Body from Gases and Poisons**
  HBOT is the primary treatment for conditions like carbon monoxide poisoning, air or gas embolism, and decompression sickness (commonly known as "the bends" in divers).

Choose Capitol Medical Center – Right Care, Right Here