



PHUONG DONG
GENERAL HOSPITAL

Caring For Life

**PHUONG DONG
GENERAL
HOSPITAL**



[www: benhvienphuongdong.vn](http://www.benhvienphuongdong.vn)

PROFILE



Oriental Medical Complex Project is divided into five components:

1. Phuong Dong General Hospital-Hotel.
2. International Conferences, Seminars and Research Institutes.
3. Rehabilitation Center, Traditional Medicine Center and Nursing Home Center.
4. Boarding Centers for patients, staff and students.
5. Hi-Tech Healthcare Service Center.

 **HOSPITAL SCALE**



PHUONG DONG

GENERAL HOSPITAL

Caring For Life

9+

GENERAL
DEPARTMENTS

300+

PROFESSORS, PhD, Dr.

1000+

PATIENT BEDS

100.000+

USED SURFACE AREA (m²)

Vision

- Phuong Dong General Hospital aims to become a hospital based on the model of five-star hospital-hotel providing high quality and comprehensive healthcare services in accordance with international standards.

Mission

- Offering the best healthcare services.
- Build up a high quality, friendly, civilized medical environment.
- Create a professional, dynamic working environment, share responsibilities with the community and contribute to the development of the country's medicine.





- Health check-up
- Cardiology Examination
- Respiratory Examination
- Bone and Joint Examination
- Neurology Examination
- Endocrinology Examination

- Urology Examination
- General Surgery Examination
- Orthopedic Examination
- Rehabilitation Examination
- Psychiatric Examination
- Obstetrics and Gynecology Examination

- Ophthalmology Examination
- Ear-Nose-Throat Examination
- Odonto-Stomatology Examination
- Dermatology Examination
- Oncology Examination
- Pediatrics Examination

- Our examination rooms are equipped with modern equipment to meet the needs of clinical examination of all specialties. Superior hospital management software eliminates redundant diagnostic procedures while enabling quick data sharing across the entire system.
- Customer and patients can schedule appointments and select doctors for consultation.

 1900 1806

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HOSPITAL HOTEL WITH INTERNATIONAL STANDARD

Phuong Dong General Hospital is the largest non-public hospital in the region with a surface area of nearly 10 hectares (100,000 m²), more than 1,000 beds and many support services.



HOSPITAL-HOTEL WITH INTERNATIONAL STANDARD

- Phuong Dong General Hospital was built according to the model of a hospital-hotel, with international standards including 9 general departments, emergency room system, modern international standards operating room system, and support services.
- Our examination rooms and outpatient/inpatient treatment rooms were built according to the standards of five-star hotels. Especially there are also large presidential rooms with modern equipments and full service to serve patients when they needed.



PERFECT HEALTHCARE SERVICE

- Treatment rooms are arranged in a separate room type, meeting international standards, equipped with personal amenities and equipment to connect with medical staff 24/7 to give to patients a professional, safe and high quality medical services.
- Medical gas system and emergency equipment installed with bed.
- Restroom with device to connect to medical staff and heating lamp.





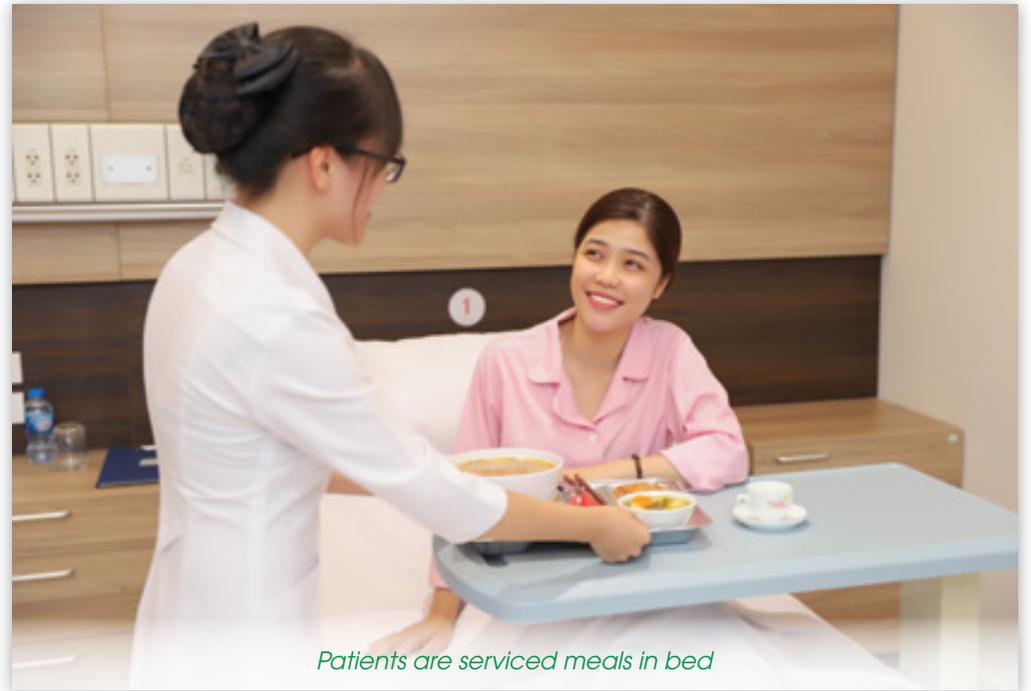
Children's play area



Dining service with buffet, coffee, convenient minishop



Free snack/breakfast



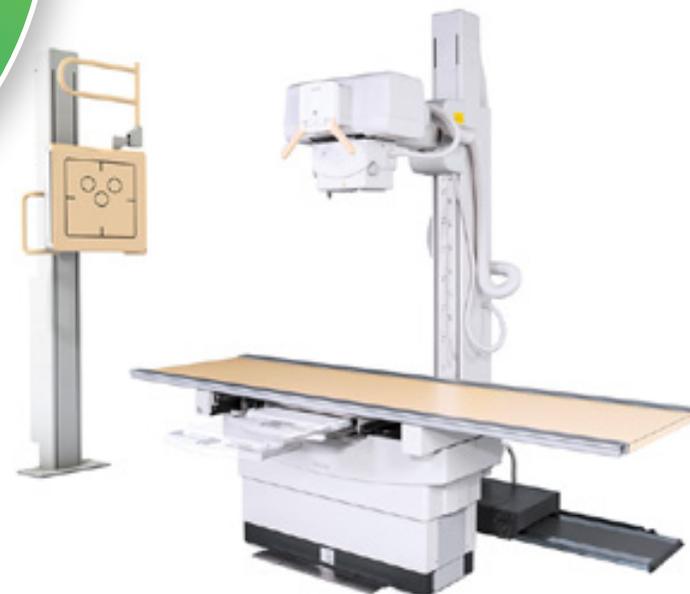
Patients are serviced meals in bed



- Companies and agencies coming to Phuong Dong General Hospital for healthcheck examination shall be given a separate examination area, spacious and cool space, modern VIP lounge, coffee area, free snack area ...
- The procedure is quick, convenient from the preparation of the application, the reception, to the return of results...



**MODERN MEDICAL
EQUIPMENT SYSTEM**



IMAGING DIAGNOSTIC



MAGNETIC RESONANCE IMAGING 1.5T, 16 CHANNELS

Production Year : 2017.

Manufacturer: Philips, Netherlands.

Advantages:

(The latest Multiva 1.5T Magnetic Resonance Imaging System with enhanced Gradient oStream system, 40% reduction in patient/coil set up)

- Multiva 1.5T superconducting magnet system provides high homogeneity ≤ 0.5 ppm for excellent fat suppression through techniques such as SPIR and SPAIR.
- The high uniformity (homogeneity) of the Multiva 1.5T allows rapid patient dynamics (for high SNR and resolution) to produce excellent quality images at FOV up to 53cm (20.9 inches).
- High-resolution 3D imaging, using optical contrast with CENTRA allows for increased spatial resolution without affecting the contrast.



COMPUTED TOMOGRAPHY SCANNER 128 SLIDES

Production Year: 2017.

Manufacturer: Philips, USA.

Advantages:

The state-of-the-art CT system, Philips Ingenuity Family CT, not only delivers superior image quality, it also reduces the dose of radiation and controls the dose, thereby reducing risk for patients.

- The system is based on advanced image reproduction technology, improved workflow, detector receiver technology and CT image quality.

Spatial resolution - super high mode.

Spatial resolution - High mode.

Spatial resolution - standard mode.

- The machine system is capable of screening lung cancer at low doses in accordance with the guidelines of ACR and CMS for LDCTLS.

IMAGING DIAGNOSTIC



C-ARM MOBILE MACHINE

Production Year: 2017.

Manufacturer: Philips.

Advantages:

The C-arm is a C-arm mobile radiograph with telescopic illumination (fluoroscopic) system for screening and interventional injuries, orthopedics, and control of injury.

- Ortho Plus - applies extra X-ray power to visualize challenging regions of interest in normal or obese patients High Power Pulsed Exposure visualizes fast-moving anatomy with outstanding image quality for a virtually unlimited amount of time
- Provides excellent solutions to support most difficult interventional procedures: from open surgery to minimally invasive surgery, from abdominal aortic aneurysm, to pacemaker implants, from post surgery, Live up to (spine surgery) and the surgery of the joints of the limbs.



DURA DIAGNOST DIGITAL TECHNIQUES

Production Year: 2017.

Manufacturer: Philips.

Advantages:

- Enhance performance and shooting speed with two receivers in a shooting room.
- Simple operation procedure, using digital sensor to record images in the form of digital signals sent to the computer, can be taken continuously without changing or affecting the sensor.
- Superior image quality with Philips' leading digital technology.
- Digital Dura Diagnostics can be viewed directly on the monitor as well as editing and zooming the area to be observed.

IMAGING DIAGNOSTIC



MAMMOGRAPHY

Production Year: 2017.

Manufacturer: Philips.

Advantages:

- A special X-ray machine for the breasts, which helps detect extreme small breast tumors, especially non-invasive breast carcinoma.
- With a dose of 0.76mg (+/- 0.05) the beam is installed to meet the image quality standard of Europe. Thanks to photon technology, the dose of radiation is improved and the image quality is high at low doses.
- Measure and evaluate multiple purposes: density, volume of capture area.
- Non-invasive imaging with fast speed provides maximum comfort for patients.



PHILIPS AFFINITI 4D ULTRASOUND

Production Year: 2017.

Manufacturer: Philips – USA.

Advantages:

- Machine quality standard: ISO 13485, EC, FDA.
- Ultrasound applications: General, Obstetrics, Gynecology, 4D, Cardiology, pulse evaluation (Vascular), Elastography.
- Affiniti handles a variety of scanning tasks and delivers high image quality thanks to a new probe design. The Affiniti handy design allows for a larger number of patients to be examined in a short time.
- Designed for breast ultrasound, providing comfort for patients.

IMAGING DIAGNOSTIC



OBGYN ULTRASOUND VOLUSON P6

Production Year: 2017.

Manufacturer: GE Healthcare, USA.

Advantages:

- Dedicated and modern 4D ultrasound machines come from the world's leading manufacturers of ultrasound diagnostics machines.
- Uniform image quality, support for patients difficult to ultrasound. Enhanced doppler color images, providing deeper insight into vascular anatomy and function.
- Easy 3D rendering that permits a more thorough evaluation of surgery.
- Optimized ultrasound images, providing detailed information about the fetus such as images, size, surface, allowing early detection of birth defects and malformations.



OBGYN COLOR ULTRASOUND VOLUSON S6

Production Year : 2017.

Manufacturer : GE Healthcare, USA.

Advantages:

- Superior 4D color ultrasound comes from reputable manufacturers, leading the field in ultrasound diagnosis machines.
- Provides excellent 2D and 3D clinical imaging, optimized detail. Advanced doppler function allows blood vessels and functions to be analyzed quickly.
- Real-time 3D anatomy visits with high-quality 3D and 4D images with HDlive™ technology.

LABORATORY



AUTOMATIC TESTING MACHINE AU 480

Production Year: 2017.

Manufacturer: Beckman Coulter.

Advantages:

- Meet almost all current biochemical techniques.
- Fast processing time, only takes about 5-8 minutes per test.
- Use permanent quartz cuvette with perfect transparency for extremely accurate measurement results.
- Incubation technology break water isolation with optimal thermal stability.
- The sample size is very small, only 1-25 μL (microliter). Optical measuring technology with 13 different wavelengths allows for wide band measurement, limiting the inaccessibility of high concentrations or dilution of samples.
- Reduced probability of specimen or sample pretreatment due to low or too concentrated specimens.



COBAS E411 AUTOMATIC TESTING MACHINE

Production Year: 2017.

Manufacturer: Roche-Hitachi, Japan.

Advantages:

- The most advanced ECLIA electrolyte electrolysis chemistry technology today with high sensitivity, wide scale and short tempering time.
- Satisfy most current immunological tests. The fastest test speed now, with an average time of about 18 minutes.
- Needle system with individual tip, limit cross contamination.

FUNCTIONAL EXAMINATION



ENDOSCOPY SYSTEM CV190

Production Year: 2017.

Manufacturer: Olympus, Japan.

Advantages:

- The most modern and reliable digestive endoscopy system in the market today. Narrowband imaging (NBI) is the gold standard for early diagnosis of esophageal cancer and gastric cancer.



NIHON KOHDEN ECG-1250K

Production Year: 2017.

Manufacturer: Nihon Kohden, Japan.

Advantages:

- The machine integrates Nihon Kohden's latest pathology analyzer to allow a preliminary diagnosis of ECG abnormalities.
- Color LCD monitors can display 12 leads simultaneously.
- The machine is IEC60601-2-51 standard with the ability to measure, analyze the electrocardiogram accurately.

FUNCTIONAL EXAMINATION



NIHON KOHDEN EEG -1200K ELECTROENCEPHALOGRAPHY

Production Year: 2017.

Manufacturer: Nihon Kohden, Japan.

Advantages:

- The high performance 64-channel EEG is the latest addition to Nihon Kohden's range of advanced noise cancellation technologies, providing accurate information and waveforms.
- The device is ideal for conventional or stimulating brain measurements.
- The machine allows to detect the seizures (neurological deterioration) of patients on a specific frequency range of the brain within a very short time.



ELECTRIC HEATING SYSTEM ECG – 2450 (STRESS TEST ECG CARDIOFAX V)

Production Year: 2017.

Manufacturer: Nihon Kohden, Japan.

Advantages:

- The latest Nihon Kohden diagnostic software allows for preliminary diagnosis of ECG abnormalities.
- High-precision electrocardiographs and noise-canceling technologies allow for better decision-making.
- The electrode connection status and detail display can be checked to limit the need for recharging.
- Ability to detect early ischemic syndrome and stroke warning.

ORTHOPEDICS OPERATING ROOM



- System of anesthesia with breathing and monitoring of modern survival parameters to quickly and timely many difficult surgeries. (State-of-the-art anesthesia systems and vital monitoring, extremely fast and accuracy for adapt to many difficult surgeries).
- The incandescent lamp (Surgical light) system incorporates a modern camera, which allows physicians to remotely diagnose during surgery.
- C-arm portable cameras (mobile C-arm) provide excellent solutions that support most types of surgical intervention: from open surgery to minimally invasive surgery, from abdominal aortic aneurysm to implantable pacemaker in the heart, from spine surgery to hip surgery.

OBSTETRICS AND GYNECOLOGY OPERATING ROOM



- The anesthesia system with breathing and vital survival monitoring provides absolute safety for the pregnant woman during labor. (State-of-art anesthesia systems and vital monitoring provides absolute safety for the pregnant woman during labor).
- The neonatal resuscitation system with state-of-the-art equipment now allows for neonatal care and assurance in a comprehensive way.

ENDOSCOPIC SURGERY OPERATING ROOM



- An anesthesia system with live breathing and modern survival monitoring allows rapid and accurate monitoring of patient movements during surgery, bringing a gold standard in the field of endoscopic anesthesia. High-end anesthesia systems and vital monitoring allows rapid and accurate tracking for almost fluctuations of patients during surgery, bringing a gold standard in the field of endoscopic anesthesia.
- The Full HD laparoscopic system is provided by the leading brand in rigid endoscopy, which assists most of the surgeon's needs.
- Surgical light with the ability to adjust many parameters: brightness, color temperature, condensation of light interval, support light during laparoscopy. Wide light beam, not covered in the case of difficult surgery, limited the need to adjust the position of the lamp in the operation, suitable for all types of surgery.

◆ MAIN SERVICES



LIST OF GENERAL HEALTHCARE

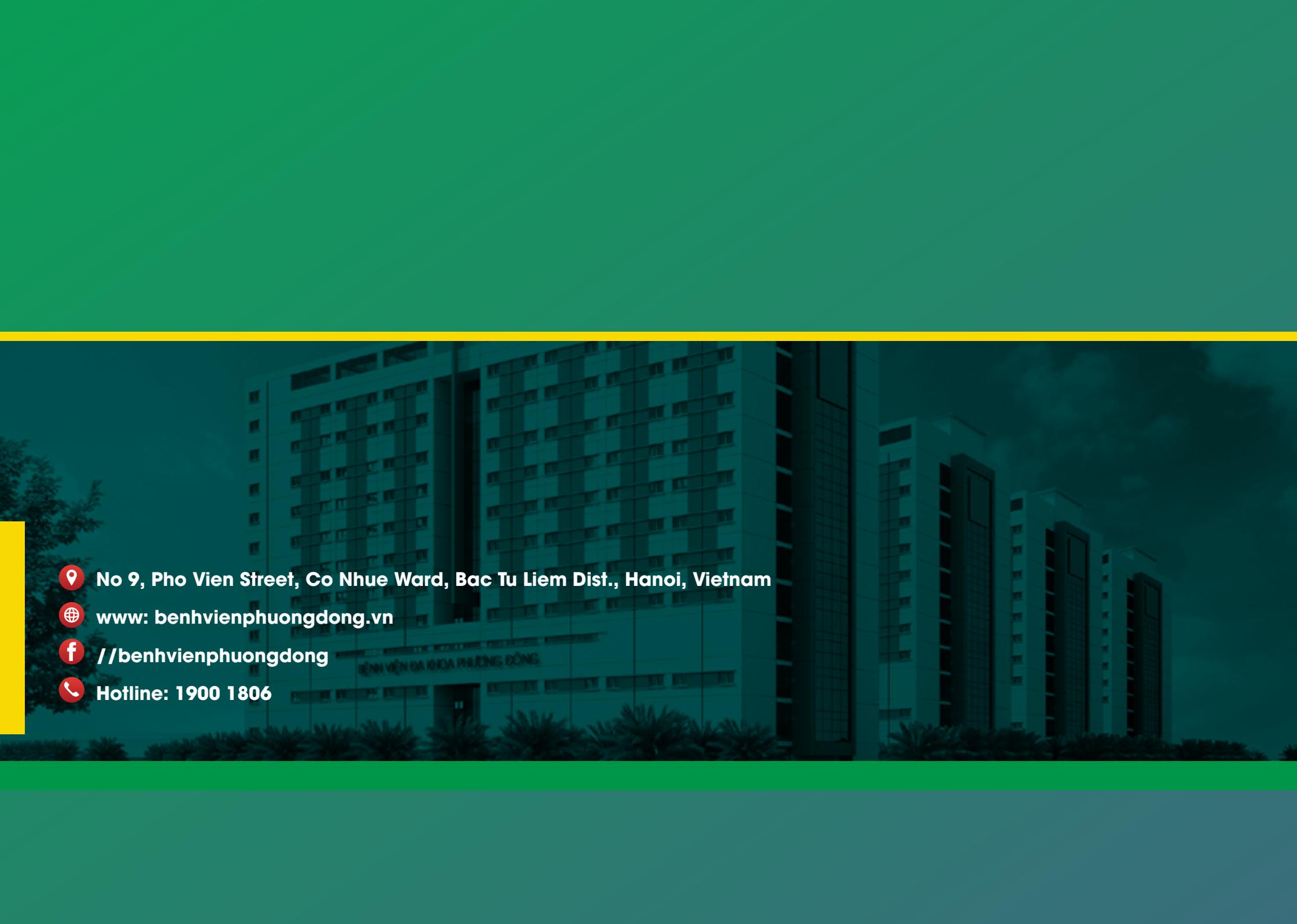
| NUM | SERVICE ITEMS | Male | Female |
|-----|--|------|--------|
| 1 | Full physical assessment General examination (General internal and surgical examination, health consultation, use of medicines) | ✓ | ✓ |
| 2 | Gynecology examination General examination, detection of lower genital tract infections, reproductive health consultation | | ✓ |
| 3 | Ophthalmology examination Diagnosis of eye diseases such as astigmatism, conjunctivitis... | ✓ | ✓ |
| 4 | Ear - Nose - Throat Examination Diagnosis and counseling treatment for sinusitis, laryngitis, tonsillitis | ✓ | ✓ |
| 5 | Dental check-up Diagnosis of dental caries, gingivitis, tartar, periodontitis, dental pulp disease, ... | ✓ | ✓ |
| 6 | Electrocardiogram (ECG) Examination of cardiovascular disease, heart activity | ✓ | ✓ |
| 7 | Chest X-Ray Differential diagnosis between acute injury (pulmonary tuberculosis, inflammation ...) and some chronic diseases | ✓ | ✓ |
| 8 | General abdominal ultrasound Having a conventional and transvaginal transducer used on Philips ultrasound machines: to evaluate the liver, gallbladder, spleen, pancreas, kidney, ureter, urinary bladder, prostate for male and breasts for female. | ✓ | ✓ |
| 9 | Thyroid ultrasound Test thyroid function, detect thyroid disease, hyperthyroidism, thyroid tumors, inflammation (thyroiditis) | ✓ | ✓ |
| 10 | CEA tumor maker for digestive cancer Early diagnosis and monitoring of gastrointestinal cancer (stomach, colon, rectum ...) | ✓ | ✓ |
| 11 | AFP tumor marker for liver cancer | ✓ | ✓ |
| 12 | Cyfra 21.1 tumor marker for lung cancer. | ✓ | |
| 13 | PSA tumor marker for prostate cancer | ✓ | |

LIST OF GENERAL HEALTHCARE

| NUM | SERVICE ITEMS | Male | Female |
|-----|---|------|--------|
| 14 | CA 19.9 tumor marker for pancreas cancer | ✓ | ✓ |
| 15 | Pap-smear test | | ✓ |
| 16 | Comprehensive liver function test: SGOT, SGPT, ALP, GGT Liver diseases: acute hepatitis, liver parenchyma lesions | ✓ | ✓ |
| 17 | ABO blood grouping Determining 4 blood groups of the ABO system to avoid complications in blood transfusion | ✓ | ✓ |
| 18 | Rh blood grouping Determination of Rh factor on red blood cells, important in blood transfusion, prevention of bad risk for fetus. | ✓ | ✓ |
| 19 | HIV immunology test Examination for HIV detection | ✓ | ✓ |
| 20 | Automatic determined full blood count Determine the cause of anemia, platelet disorders and WBC disorders | ✓ | ✓ |
| 21 | Glucose Diagnosis of diabetes mellitus, hypoglycemia ... | ✓ | ✓ |
| 22 | Two-component blood lipids + Cholesterol (Total cholesterol, LDL-cholesterol and HDL-cholesterol) + Triglycerid | ✓ | ✓ |
| 23 | Urine analysis with 10 parameters Diabetes, ketonic acid, pollakiuria, liver diseases, kidney diseases, urinary tract infections, bloody urine... Early detection of pregnancy, external poisoning. | ✓ | ✓ |
| 24 | CA 72.4 tumor marker for gastric cancer. | ✓ | ✓ |
| 25 | CA125 tumor marker for ovarian cancer | ✓ | ✓ |

◆ PARTNERS AND CUSTOMERS





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