

# NEWS

from the Hong Kong Baptist Hospital for

# Doc+ors



Hong Kong Baptist Hospital

March 2010

## Grand Opening of the HKBH Nuclear Medicine Centre

The Nuclear Medicine Centre was officially launched on February 6, 2010, in time to welcome The Year of the Tiger. The grand opening was a great success with the enthusiastic support of the attending guests and dignitaries. We were most honoured to have Dr. TSE Hung Hing, President of the Hong Kong Medical Association, Dr. LAU Chun Lok, Chairman of the Board of Directors, and Dr. Raymond CHEN Chung I, CEO, to jointly officiate at the opening and conduct the ribbon-cutting ceremony.

It is a great achievement of HKBH to complete its full range of modern healthcare services through the establishment of the Centre, continuing its remarkable history of service for more than 45 years. We acknowledge the vision of the Board of Directors and the CEO in making this Centre possible, the leadership of the Department of Radiology in the commissioning of the project, and the Estate Office and all other staff in supporting the establishment of the Centre.

The Centre is currently equipped with a state-of-the-art hybrid SPECT/CT gamma camera, a treadmill cardiac stress system and a thyroid uptake measurement system. We are capable of offering some 60 different types of diagnostic nuclear medicine, including stress/rest myocardial perfusion scintigraphy, whole body skeletal scintigraphy, renal scintigraphy with semi-quantitative analysis, and thyroid and parathyroid scintigraphies. We have also commenced our radionuclide therapy service. For enquires, you are most welcome to contact the Centre at 2339 7430 or by email at [nmc@hkbh.org.hk](mailto:nmc@hkbh.org.hk).

On behalf of the Centre and its staff, I would like to express my sincere gratitude for all the support from those who attended the ceremony, those who sent congratulatory messages, those who have supported our Centre since its planning and upon its operation, and all who helped make the grand opening possible and successful. We will strive to provide nuclear medicine services of the highest quality to our patients and clinicians.

**Dr. NGAI Wai Tat**  
**Consultant in Nuclear Medicine**  
**Nuclear Medicine Centre**



(From left to right) Dr. NGAI Wai Tat, Dr. TSE Hung Hing, Dr. LAU Chun Lok and Dr. Raymond CHEN Chung I officiate the ribbon cutting ceremony



Dr. TSE Hung Hing (President of HKMA) (left) and Dr. LAU Chun Lok (Chairman of the Board of Directors) (right) deliver speeches at the ceremony to mark the opening of the Nuclear Medicine Centre



# From the Desk of the CEO: The Pathology Department



Dr. Raymond CHEN Chung I

This is the story of our Pathology Department, another rapidly growing service in HKBH, which is patronised by all doctors.

## Workload

In the past 5 years, the general laboratory workload has increased by 35%, from about 735,000 tests in 2005 to nearly 1 million in 2009. The histopathology workload has had an even greater escalation, by 44% over the same period, to more than 22,700 cases.

## Facilities and Equipment

The Laboratory enjoyed a 60% expansion in area, from 5,000 sq ft to 8,000 sq ft, when it was relocated to Lower Ground Level 2 of the new Block D in April 2008. A customised design with a negative pressure room and logical arrangement of equipment has greatly enhanced the efficiency of workflow.

The quality of the Chemical Pathology service has notably further improved, in turn-around-time, error reduction, and manpower efficiency, with the acquisition of the state-of-the-art **Laboratory Automation System**, the first of its kind in Southeast Asia. Special features of this system include:

- 1) Repeats the test automatically if the result significantly deviates from the previous results of the patient;
- 2) Reruns samples if results lie outside the reference range and determines if further testing route should be conducted;
- 3) Calculates the correct amount of serum specimen and distributes the same into a sample tube for off-track analysis where indicated;
- 4) Identifies and diverts haemolysed or lipaemic samples for special attention and treatment;
- 5) Captures on-line quality control data; and
- 6) Communicates in real time with the head office of the System for easy maintenance and early detection of system failure.

The Haematology service is very well supported by two sets of **Coulter LH 750**, the most advanced system for Complete Blood Count. They can handle 110 cases per hour and the turn-around-time has been shortened to 20 minutes.

## Recent Developments

The **Molecular Pathology Laboratory**, established in September 2009, has in place the most advanced equipment. We are now doing HBV DNA in-house, and are adding HPV, *Chlamydia* and *Mycobacteria* detection in the coming months.

A ground-breaking **Immunostaining System**, Ventana Benchmark XT, has just been commissioned. It is fully automated and can do in-situ hybridisation studies of surgical specimens as well as immunohistochemical staining.

In 2009, our Phlebotomy Team adopted the **CLSI (Clinical and Laboratory Standards Institute) Standard**, an internationally recognised standard of practice.

In 2009, the Chief of Service (Pathology) started and personally chaired the **Pathology Service Coordinating Committee** to enhance communications with service users, so that, through mutual understanding and concerted effort, the quality of the Pathology service would be continuously improved.

## Continuous Improvement and Development Plan

New equipment in the planning includes:

- Adding an **Immunology Test Analyser** to the Laboratory Automation System.
- Adding a new **Blood Bank Automation System** to improve efficiency and safety.



HKBH Pathology Department

- Adding new equipment for detection of MRSA (Methicillin-resistant *Staphylococcus aureus*), EBV (Epstein Barr virus) and other respiratory viruses including the new H1N1 virus.
- Adding a new **Electrophoresis System**, Minicap (Sebia).
- Adding a new **Automated System for Urine Analysis and TB Culture**.
- Offering a predelivery **Type & Screen** service to all women who deliver in our hospital from April 1, 2010. This is to ensure we have the most up-to-date blood group information for the expectant mother so that timely and adequate supply of blood and/or blood components can be arranged if required. One further advantage is that in the rare situation of discovering an unusual blood group or antibodies predelivery, the management of the delivery process, as well as the neonate, would be altered appropriately.

The modern medical laboratory is technology driven. We endeavour to serve our doctors and patients better through continuously improving the reliability and efficiency of our laboratory services by the acquisition of the right technology at the right time. The Histopathology and Cytology service will rely on experienced pathologists, and we are soon to recruit the fourth Consultant Pathologist to strengthen our team.

**Dr. Raymond CHEN Chung I**  
**Chief Executive Officer**

## Hong Kong Baptist Hospital Commences Refurbishment Project

HKBH embarked on a large-scale and comprehensive refurbishment project on January 10, 2010, which covers the refurbishment of the exterior walls of Blocks A, B and C, and the driveways outside the Hospital. The project is being managed in five phases:

- Phase 1: Driveways outside the Main Entrance
- Phase 2: Exterior walls of the Side Entrance at Waterloo Road
- Phase 3: Exterior walls facing Block D
- Phase 4: Exterior walls facing HK Baptist University
- Phase 5: Exterior walls of Kam Shing Road Entrance

The project is making smooth progress and is scheduled for completion in December this year. We are looking forward to a brand new hospital outlook, offering a comfortable and modernised environment to our customers.



*Kam Shing Road Entrance will take on an entirely new look*

*New Main Entrance at Waterloo Road with a modern-look design*



## ■ Surgeons

### **Surgical Site Infection**

Director of Programme: Dr. YUNG Leung Tung  
 Chairman: Dr. BOOK Kwok Shing  
 Speaker: Dr. Joe FAN King Man  
 Date: April 9, 2010  
 Time: 8:00 – 9:30 am  
 Venue: The Chapel, D9, HKBH  
 Enquiries: 2339 8872 (Ms. Connie LOK)  
 Coming Meetings: May 7, 2010  
 June 4, 2010  
 July 2, 2010

## ■ Physicians

### **Session A: Functional GI Disorders & Psychological Comorbidity**

### **Session B: New Advances in Benign Prostate Hypertrophy**

Director of Programme: Dr. Peter WONG C.Y.  
 Chairman: Dr. Peter WONG C.Y.  
 Speakers: Prof. Justin WU C.Y. (Session A)  
 Dr. Simon LEUNG Y. L. (Session B)  
 Date: April 12, 2010  
 Time: 8:00 – 10:00 pm  
 Venue: The Chapel, D9, HKBH  
 Enquiries: 2339 8873 (Ms. Polly TAM)  
 Coming Meetings: May 3, 2010  
 June 7, 2010  
 July 5, 2010

## ■ Obstetricians & Gynaecologists

### **Laparoscopic Management of the Blue Moons**

Speaker: Dr. YAN Choi Man  
 Date: April 13, 2010  
 Time: 7:30 – 8:30 pm  
 Venue: The Chapel, D9, HKBH  
 Enquiries: 2339 8873 (Ms. Polly TAM)  
 Coming Meetings: May 11, 2010  
 June 8, 2010  
 July 13, 2010

## ■ Surgical Pathology

### **Joint Surgical Pathology Meeting**

Date: April 16, 2010  
 Time: 8:00 – 9:00 am  
 Venue: The Chapel, D9, HKBH  
 Enquiries: 2339 8872 (Ms. Connie LOK)  
 Coming Meetings: June 18, 2010  
 July 16, 2010

## **Editorial Enquiry**

We would like to hear from you! Any questions, comments or suggestions are always welcome. Please email us at [pr@hkbh.org.hk](mailto:pr@hkbh.org.hk)