

港安醫院檢驗科的目標，是為本港及國內的內科醫生、臨床醫生、病人和公眾，提供最廣泛和先進的病理學服務。我們提供每周七天、每天二十四小時高質素和高效率服務，並承諾會確保檢驗結果精確，符合臨床常規。本院實驗室視安全為首要任務，採集血液樣本或進行其他程序時，我們會遵守十分嚴格的規則，務求令風險減到最少。

儀器介紹

檢驗科位於香港港安醫院八樓，設置了先進而又符合所有工業安全要求的儀器。

我們的血液採集站位於本院地下，該採集站設置了：



- BD Vacutainer™ 真空採血系統，此系統能符合不同特殊測試的需要，其中包括：
 - 一般性使用的真空採血管
 - 內含膠狀屏障和凝塊催化物的血清分離採血管（SST）
 - 微量元素專用採血管，以測定血液中的微量元素
 - 內含肝素（鈉鹽）和乙烯二胺四乙酸鈉鹽的稀少元素專用採血管，可稀少原素和作毒理學測試
 - 內含肝素的收集管，用作血漿分離
 - 內含草酸鉀和氟化鈉的收集管，可作血糖測試
 - 內含乙烯二胺四乙酸的收集管，可作血常規測試
 - 內含檸檬酸的收集管，可作血液凝固檢驗
- Vacutainer™ 矽化塗層真空採血管
- 空針收集器，以收集已使用的注射針頭、注射器和玻璃管

我們的團隊

本實驗室由兩個病理學專家嚴格督導，而靜脈穿刺和其他血液採樣等程序亦由認可的刺絡醫師（抽血者），執行。他們不僅技術精湛，且全都已接受專業訓練，以確保他們具備專門技術，並對目前的最新發展和技術都有詳細了解。

本部門亦提供持續專業發展課程（CPD），有關課程已獲香港衛生署醫務化驗師管理委員會認可，亦可為醫療及護理學員提供訓練。

我們的服務

檢驗部共有五個部份，分別為血庫和輸血服務、化學、血液分析、組織病理學和微生物學，每一項都提供每周七天、每天二十四小時的無休服務。

輸血服務（血庫）

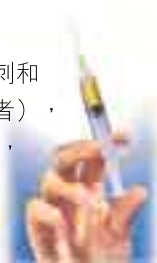
血庫及輸血服務包括採集、處理和儲存，及讓已接受輸血前檢驗的有需要病人提供血液。血庫對每個病人的血液測試和血液製品都是非常重要的。服務包括：

- 檢驗血型及交叉配合試驗
- 捐血服務
- 醫院輸血服務委員會

化學檢驗及特別化學檢驗

我們備有最先進的儀器和全自動多用途分析儀，以提供不同的服務，包括：

- 過敏測試
- 腫瘤標記CA 72.4， β_2 Microglobulin
- Pappa Testing
- 肌鈣蛋白T或肌鈣蛋白I，及心肌性肌酸磷激酵素心肌傷患
- 測檢轉體蛋白A和B、Lp(a)
- 診斷自體免疫性疾病，例如泡疹、衣原體、艾巴氏病毒、Parvovirus和梅毒
- Anti-CCP, Celiac antibodies
- Homocysteine, BNP, Troponin I, Troponin T



血液學

我們提供複雜但精確的診斷服務，包括：

- 自動血液細胞計算、五分類白血球分析和血小板測定
- 所有樣本均會接受血塗片檢視
- 自動血凝度計
- 血漿檢驗

微生物學

服務包括：

- 帶氧或無氧細菌、分枝桿菌、寄生蟲和真菌檢驗
- 微生物病原體檢測，快速細菌、腦膜炎球菌、A和B型流感抗原測試，和登革熱病毒抗體測試；
- 符合臨床及實驗室標準協會（CLSI）指引，和抗真菌藥物敏感測試結果翻譯的ATB快速細菌鑑定和敏感測試系統



組織病理學

我們亦提供組織病理學、細胞學，和外科組織學（包括冷凍部份）診斷服務。全部設備包括：

- 全自動組織處理儀
- 全自動染色機（離心機）
- 電動冰凍切片機



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Adventist Health Clinical Laboratory aims to provide physicians, clinicians, patients and the general public, with the best comprehensive, state-of-the-art pathology service in Hong Kong and Greater China.

We offer a 24-hour high quality and efficient service 7-days a week. It is our commitment to ensure our test results are precise, and appropriate for clinical practice. Safety is a top priority in our Laboratory, and strict guidelines are followed to minimize any risk when collecting blood samples or with any other procedure.

Our Facilities

Our **Clinical Laboratory** is located on the 8th Floor of **Hong Kong Adventist Hospital**. We have installed state-of-the-art equipment that complies with all industrial safety requirements.

A Blood Collecting Station is located on the Ground Floor of our hospital.



Our Team

Our laboratory is under the strict supervision of two specialists in pathology. Procedures such as venipuncture and other blood sampling, are performed by certified phlebotomists, who are not only highly skilled, but are also involved in Professional Development training. This ensures they remain up-to-date in skills, current developments, and expertise. The Department is an accredited program provider of Continuing Professional Development (CPD) of the Hong Kong Medical Laboratory Technologists Board.



Our Services

The **Clinical Laboratory** has 5 sections, Blood Bank and Transfusion Service, Chemistry, Hematology, Histopathology and Microbiology, all of which are available 24-hours 7 days a week.

Blood Transfusion Services (Blood Bank)

The Blood Bank and transfusion service collects, processes, stores, and provides human blood for patient transfusion after pre-transfusion testing. Blood banks are vital for the compatibility testing of blood and blood products, for every patient. Services include:

- Type and Screen or full cross-matching
- Autologous Transfusion Service

Chemistry and Special Chemistry

We have state-of-the-art equipment with multi-purpose automated analyzers. Services include:

- Allergy Testing (Food, Environment, South China)
- Cancer Testing (EBV-NPC, CA72.4, SCC, CA19.9, PSA and FPSA, β_2 Microglobulin)
- First Trimester Screening (PAPPA)
- Second Trimester Screening (AIP, PHCG)
- Cardiac Markers (Troponin I, Troponin T, Homocysteine, BNP, High sensitivity CRP)
- Diabetic Profile (HbA1C, Fructosamine, Microalbumin, Insulin)
- Arthritis Profile (Anti-CCP, RA-factor-quantitation)
- Female Hormones (DHEA-S, Estradiol, FSH, LH, Prolactin, Progesterone)
- Special Tests
 - Celiac Disease Antibodies Evaluation
 - ANA, ds DNA, ENA, ANCA
 - Immunoglobulin (IgG, IgM, IgA), C3, C4
 - HSV I, HSV II, Chlamydia antibodies, Mycoplasma antibodies
 - FTA, FTA IgM



Hematology

We offer sophisticated diagnostic services, including:

- Automated cell counter with true five-part white cell differential and wide platelet detection range
- Samples to undergo a blood smear review
- Automated coagulometer
- Tests for anaemia

Microbiology

Services include:

- Aerobic/anaerobic bacteriology, mycobacteriology, parasitology and mycology testing
- Availability testing of microbial pathogens and rapid detection for bacterial, cryptococcal, Influenza A and B antigens and Dengue virus antibodies
- ATB Expression™ bacterial identification and susceptibility testing system. (with Clinical and Laboratory Standards Institute (CLSI) guidelines plus antifungal susceptibility test result interpretation)



Histopathology

We offer diagnostic services in histopathology, cytology, and surgical pathology, including frozen section. Our armamentarium includes:

- Automated tissue processor
- Automatic multi-tasking slide stainer
- Motorized cryotomes for frozen sectioning

For all inquiries and appointments, please contact us on:

如欲預約或有任何查詢，歡迎與我們聯絡。

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