INTRODUCTION

This short guide for National University Hospital (NUH) Laboratory Services aims at providing a compendium of valuable information for all of the tests and services offered by the Department of Laboratory Medicine (DLM). We aim to reach our customers both within NUH and outside of NUH and Singapore. Due to the complexity of the workflow in clinical laboratories today we hope to have achieved all information with the greatest clarity. DLM encourages our customers to directly communicate with us when further clarity is necessary.

Laboratory Vision

"We lead in providing laboratory services designed to assist our customers with the diagnosis and treatment of disease, the promotion of health and the advancement of medical science."

Professional Staff

Our professional staff comprises both medically and doctorate qualified staff supporting all Divisions within the Department. Together, they provide medical and scientific support for our laboratory. They are available for consultative services regarding laboratory testing, result interpretation, and unexpected results. They should be contacted when unusual cases are encountered, and special testing arrangements are required.

DLM is comprised of 7 Clinical Divisions:

Blood Transfusion Services Division

The Blood Transfusion Services ensures that services delivered for blood transfusion is a safe, auditable, and timely service that meets both local and international guidelines for good transfusion practice.

Supervisor:	Ms Karen Lim, BSc (Hons), MSc	67724344

Clinical Chemistry Division

The CORE laboratory is a highly automated laboratory, providing 24-hour services with STAT and routine orders for a wide range of tests. Our comprehensive laboratory automation system provides centrifugation, aliquoting and archival services for all samples and analysis for basic chemistry and immunoassay tests. We receive both adult and paediatric samples into our workflow as well as sample aliquots from external locations.

Our testing menu includes blood gases, renal panel, liver panel, calcium studies, lipid studies, iron studies, cardiac studies, therapeutic drugs, immunosuppressant drugs, urine chemistries, urinalysis, fluid studies, rapid tests, endocrine parameters, specific proteins, first trimester testing and pre-eclampsia testing.

Laboratory:		67724346
Supervisor:	Ms Chong Ai Teng, BSc, MSc	67723105

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The Non-CORE Chemistry comprises the Infectious Serology laboratory and Special Chemistry laboratory. The Infectious Serology performs serological testing on a wide range of infectious diseases as well as autoimmune diseases. The laboratory is also responsible for donor transplant screening services. We have a combination of clemiluminescent assays as well as a very wide range of automated ELISA assays, immunofluorescence assays and immunoblot techniques.

Laboratory:		Serology	67724346
		Special Chemistry	67724399
Supervisor:	Ms Chng Yun Xuan, BSc		67723105

Cytogenetics Division

The Cytogenetic's laboratory provides chromosomal studies of haematological and congenital/constitutional disorders. This includes chromosomal karyotyping and molecular cytogenetics by FISH.

Supervisor:	Ms Chua Sok Peng, BSc, MSc	67722515

Haematology Division

The CORE haematology laboratory, providing 24-hour services with STAT and routine orders for a range of routine and and specialised tests. Our basic services include full blood profiles, coagulation, fluid counts and ESR. Haematology staff also provide technical assistance for the collection of bone marrow biopsies and support services in haemopathology.

Laboratory:		67722323
Supervisor:	Ms Soh Ming Zi, BSc, MSc	67724109

The Flow Cytometry Laboratory performs flow cytometric analysis used by clinicians in diagnosing, monitoring, and treating patients with immunophenotype testing requests on blood, bone marrow and lymph node cell suspensions.

Supervisor:	Ms Yang Ling, BSc	67724016

Microbiology Division

The Microbiology laboratory provides a comprehensive range of services in bacteriology, ID and susceptibility testing, mycology, virology, parasitology and molecular testing.

Laboratory:		67724343
Supervisor:	Ms Sally Ng, BSc	67722341

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Point of Care Division

Point of Care services refers to any patient testing performed within NUH or its external clinics, that is not performed as part of the central laboratory. Our POC coordinators provide oversight of all instruments in terms of quality control, quality assurance compliance and meeting all regulatory and accreditation requirements. They also manage requests for new, expansion or relocation of POC services.

Supervisor:	Ms Margaret Chong, BSc	67722017

The Molecular Diagnosis Centre

The Molecular laboratory provides molecular-based testing for identification of human gene mutations and detection, identification and quantitation of various bacteria and viruses prior to and during patient therapy.

Supervisor:	Mr Lee Chun Kiat, BSc, MSc	67724384

Laboratory Administration

Head (Laboratory Science), Laboratory Medicine:

Dr Shirlena Soh, PhD, MSc, Snr Pr Medical Laboratory Scientist 67724743

Clinical Standards Lead:

Dr Sharon Saw, PhD, MSc, MAACB, Principal Scientific Officer 67725349

Laboratory Operations Lead:

Ms Lily-Lily Chiu, BSc, MSc, ASCPi, Snr Pr Medical Laboratory Scientist 67724180

Laboratory Information System Lead:

Ms Tan Chiew Hwee, Dip, BSc, Snr IT Manager 67724630

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Client Services

The Client Services provides support in referring tests not offered in NUH to appropriately accredited laboratories within Singapore and around the world. The service includes sourcing for a suitable laboratory, packing and distribution to these laboratories, resulting and billing.

Supervisor:	Ms Jenny Chong, BSc	67724912

Phlebotomy Services

The phlebotomy staff will collect blood samples using advanced phlebotomy skills on inpatients in predefined wards. Phlebotomy services are not extended to an Outpatient Blood Service (OBS) in the Medical Centre for greater convenience of patients having outpatient appointments.

Supervisor (in-patient):	Ms Wong Chooi Lai, SRN	67726849
Supervisor (OBS):	Ms Christine Marasigan	67725153

Research Support Services

As an Academic Medical Centre, the Research Support service provides laboratory testing for approved research and investigational purposes for NUHS. The services include sourcing for suitable testing methods, analysis, resulting and billing.

Supervisor:	Ms Candy Khoo, BSc, MSc	67726189

NUH Referral Laboratory (NRL)

NUH Referral Laboratory (NRL) will service our non-NUHS customers with their enquiries, collection of specimens, test availability and schedules, as well as resulting and billing of tests.

Client Account Manager: Ms Ng Lee Kian, BSc, GDip, MBA 67785171

Click here for a list of the professional staff in the Department of Laboratory Medicine.