



DR. PABLO O. TORRE
MEMORIAL HOSPITAL

B.S. Aquino Drive,
Bacolod City,
Negros Occidental,
6100

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Effective Date:	07-31-2022
Document Type:	Policy
Page Number:	1 of 4
Department/Section:	Clinical Chemistry
Document Title:	SCOPE OF SERVICE

PURPOSE:

Our goals are to provide the highest quality Laboratory Services to our patients at Dr. Pablo O. Torre Memorial Hospital (DPOTMH) 24 hours a day and to identify the scope of clinical chemistry testing, including the types of biologic samples that are typically analyzed and how test results may be interpreted.

LEVEL:

Clinical Chemistry Section of Laboratory Department, Nursing Services Division, Medical Staff

KEY CONCEPTS:

1. Clinical chemistry tests measure concentrations or activities of substances (ions, molecules, complexes) in body fluids.
2. These tests may use different kinds of body fluids such as whole blood, plasma, serum, urine and cerebrospinal fluid.
3. The medical interpretation of a test result is based on comparison to a reference interval that typically reflects the range of values expected for healthy people or a medical decision level (MDL) for the diagnosis and treatment of disease


SCOPE OF SERVICE:

Routine Tests

Most tests that are required urgently are performed, continuously, with short turn around time, on automated, high volume rapid analyzers. These include, but are not limited to Glucose, BUN, Electrolytes, Ca, P, Liver function tests, Cardiac markers, CSF Glucose and Protein, and measurement of drugs frequently involved in poisonings as well as commonly monitored therapeutic drugs.

Critical Values

Test results that may require urgent clinical intervention are immediately called to the patient's Attending Physician.

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	Page Number:	2 of 4
	Department/Section:	Clinical Chemistry
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Specialized Tests

The laboratory performs a wide variety of highly specialized assays. While many of these are performed daily, some less frequently requested tests are done on scheduled days.

Clinical Pharmacology and Toxicology

Assays are performed for monitoring therapy with various antiepileptic, cardiac chemotherapeutic, and immunosuppressive drug, and for evaluating suspected poisonings.

Endocrinology

Most tests of thyroid, parathyroid, adrenal, pituitary and gonadal function are available and are performed using highly specific immunoassays.

HOURS OF OPERATION


Operate 24 hours per day, 7 days per week, 365 days per year.

POPULATION SERVED

Dr. Pablo O. Torre Memorial Hospital (DPOTMH) serves all age groups seen in the inpatient, outpatient and clinic populations, including premature babies, neonates, infants, children, adolescents, adults and geriatric patients.

STAFFING

Laboratory employees work on assigned shifts in specific laboratory areas and sections as scheduled by Section Heads, Laboratory Supervisor and Laboratory Manager. Appropriate staffing levels (both Professional and Support Staff) for each section in the Department are monitored and tailored to meet the number of patients the Department is serving. Ongoing changes in test volumes and testing services are used to adjust the department's staffing levels and changes in work activity. Staffing is sufficient to assure that assigned functions are completed, patients and employees safety are maintained and the integrity of results is maintained.

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	Page Number:	3 of 4
	Department/Section:	Clinical Chemistry
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IN-SERVICES/CONTINUING EDUCATION PROGRAMS

To uphold the commitment to produce well-trained and competent workforce, the Department takes part in the development of its new and existing staff by ensuring that they have undergone trainings, orientations and passed the competency programs set by the Department. In addition, education is provided to facilitate professional development.


QUALITY IMPROVEMENT PROGRAM

The Laboratory operates within the regulatory requirements and/or accreditation standards of the following organizations in order to preserve both patient safety and hospital accreditation.:

1. Department of Health (DOH)
2. Philhealth Insurance Corporation (PHIC) policies
3. Food and Drug Administration (FDA)

The Department is also conducting periodic evaluation and assessment of laboratory indicators and quality controls in all aspects of its operations. The results of which are then utilized to further improve the quality of services being offered.

All personnel wear appropriate level of PPE in each areas.

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	Document Type:	Policy
	Page Number:	4 of 4
	Department/Section:	Clinical Chemistry
	Document Title:	SCOPE OF SERVICE

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