



<input type="checkbox"/> ADMINISTRATE POLICY & PROCEDURE (APP)		<input type="checkbox"/> INSTITUTIONAL POLICY & PROCEDURE (IPP)	
		<input type="checkbox"/> INTERDEPARTMENTAL	<input type="checkbox"/> INTERNAL
TITLE		POLICY NUMBER/V#	
Turn Around Times (TAT) and STAT Tests		MMC – LAB – 08(01)	
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02/08/2025	01/09/2025	01/08/2028	
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APPLIES TO		RESPONSIBILITY	
All Laboratory staff and Nurses.		All Laboratory Staff, All medical Staff	

## 1. Policy

### Turn Around Time (TAT) for Routine results

- 1.1 This policy is based on focusing on the different definitions, measures, expectations, published data associated with clinical outcomes and approaches to improve TAT. It aims to provide a consolidated source of benchmarking data useful to the laboratory in setting TAT goals and to encourage introduction of TAT monitoring for continuous quality improvement.

### Short Time Around Time (STAT) Laboratory tests and results

- 1.2 Laboratory tests to be performed on an emergency basis (STAT) must be written upon the request of authorized medical staff or charged physicians, physicians who are not members of the medical staff, but who have authorization to request such support services to the extent permitted by law, other persons authorized by the Medical Complex and licensed to engage in direct treatment of patients.



## 2. Purpose

- 2.1 To ensure that results are reported timely to optimize patient care and patient outcomes. To define the tests that can be ordered on a STAT basis and the interval of time between when the sample is received in the laboratory and the results are reported.

## 3. Definition

- 3.1 **TAT** (Turn Around Time): The interval of time between when a sample is received by the laboratory and the results are reported.
- 3.2 **STAT** (Short Time Around Time): Test results that are urgently needed for the diagnosis or treatment of the patient. The delay can be life threatening.

## 4. Affected department

- 4.1 All Laboratory Departments

## 5. Procedures

- 5.1 ROUTINE LABORATORY TEST & RESULT
- 5.1.1 The laboratory director is responsible to establish and validate the TAT of each test performed in the laboratory according to test requirements and published standards.
- 5.1.2 The Clinical Laboratory will communicate test results in a timely manner.
- 5.1.3 For Routine, laboratory turnaround time are defined and distributed to all medical staff through the medical director.
- 5.1.4 Turnaround time is calculated through the computer system automatically from the time of receiving the request in the computer system to the time of approving results, this is called Medical Complex Turnaround Time & The Laboratory Turnaround Time is calculated from receiving the sample in the laboratory till approving the results.
- 5.1.5 All test results must be reported within the permissible time frame for routine tests within 24 hours. Ordering physician or nurse in charge shall be notified of any delay in the results that may exceed the stated turnaround time.
- 5.1.6 Laboratory Quality Co-coordinator will perform monthly monitoring turnaround time (TAT) & managing the reports according to monitoring turnaround time.
- 5.2 STAT LABORATORY TESTS AND RESULTS



STAT laboratory tests are to be ordered due to clinical necessity of test result information. Clinical necessity includes, but may not be limited to:

- 5.2.1 Test results necessary in establishing a diagnosis for the patient, the delay of which may result in lack of the provision of necessary treatment required to stabilize the patient's physical condition.
- 5.2.2 Test result necessary in the determination of implementation or revision of treatment for the patient, the delay of which may result in lack of the provision of treatment required to stabilize the patient's physical condition.

**The following laboratory tests** have been approved by the medical staff for STAT ordering purposes: CBC with Differential Blood Count, Troponin, CK-MB level, Blood Gasses, Electrolytes, Sugar, Creatinine, Ca<sup>+</sup>, Mg<sup>+</sup>, Bilirubin, Amylase, Lipase, Ammonia, LDH, B-HCG, PT, PTT, CSF Exam. Knowing toxic medication levels (Digoxin, Theophylline, Phenytonin levels ...etc).

- 5.3 Those individual approved to order laboratory test may request any laboratory test that is able to be returned on a STAT basis or a STAT return, based on his/her clinical judgment:
  - 5.3.1 If STAT return is expected to benefit the care of the patient. However, these individuals are encouraged to follow the necessity rationale as outlined in this policy; unnecessary ordering of STAT laboratory testing will be monitored as a performance improvement process measure by the clinical laboratory department.
  - 5.3.2 All orders for STAT laboratory testing will be forwarded to the clinical Laboratory immediately upon receipt of the order.
  - 5.3.3 All STAT request results will be available for release to the requesting unit within 60 minutes from requesting STAT request by in charged physician
  - 5.3.4 Recording and informing test results for routine and STAT results are performed according to result reporting.
  - 5.3.5 STAT Results are recorded in special record file.)
  - 5.3.6 Panic value results will be informed according to panic value policy.



## 6. Responsibilities

- 6.1 Laboratory Supervisor
- 6.2 Laboratory Specialist

## 7. Reference

- 7.1 National Accreditation Standards Policies and Procedures Guide for Health Centers

## 8. Attachments

- 8.1 List of TAT and STAT Tests
- 8.2 Form for STAT Cases

## 9. approved

APPROVALS & REVIEWS:			
Prepared By	Title	Date	Signature
Dr. Hafez ALSheikh Mohammed	Head of Department	02-08-2025	
Reviewed By			
Dr. Mostafa Mohammed Osman	Quality Director	02-08-2025	
Approved By			
Dr. Abdulmajeed Abdullah Saleh	Medical Director	02-08-2025	
Eng. Meshaal Hussein Alghamdi	Executive Director	02-08-2025	