



## Hospitals - Kakinada

Documentation code:

INH/AAC.Doc.No:24

### Policy on Radiology TAT

Prepared Date: 05/09/2023

Reference: AAC.g.f NABH Standards – 5<sup>th</sup> Edition

Issue date: 05/09/2023

Issue No:2

Review NO:01

Review Date: 04/09/2024

#### 1.0 POLICY

The test results for the Imaging tests performed in our hospital are available to the patient/ relatives/ward in-charge in the defined time frame

#### 2.0 PURPOSE

2.1 To have a defined time frame for each test of imaging services

2.2 To have monitoring system for the same to addresses the deviances

2.3 To take preventive and corrective action against preventable and correctable measures

#### 3.0 DEFINITION

3.1 TAT - The interval between when a test is requested to the time the test results are available

#### 4.0 ABBREVIATIONS

TAT-Turnaround time

5.0 SCOPE: - Imaging Services, OP Services, IP services & Emergency Services

6.0 RESPONSIBILITY: - Radiologists, Radiology Technicians, Radiology receptionists

7.0 DISTRIBUTION: - Radiology department, IP services, OP Services & Emergency Services

#### 8.0 PROCESS DETAILS: -

The test results for the Imaging tests performed in our hospital shall be available to the patient / relatives / ward in-charge in the defined time frame

Any critical results found shall be informed to the respective doctors or in-charge in reference to document 'Intimation of Radiology - Critical Test Results'.

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Radiologist	Medical director	Chief executive Officer



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Radiology Investigations carried out are reported according to the below time lines:

Radiology investigations done between	Report dispatch time by Radiology Dept
7 PM (previous day) – 6 AM (today)	11 AM (today)
6 AM – 10 AM	1 PM
10 AM – 1 PM	3 PM
1 PM – 4 PM	5 PM
4 PM – 7 PM	8 PM

## TURN AROUND TIME FOR X-RAY

S.No	INVESTIGATION NAME	TIME	S.No	INVESTIGATION NAME	TIME
1	X-ray Skull AP LAT	20mins	17	X-ray Coccyx Lat	20 mins
2	X-ray PNS	15mins	18	X-ray Pelvis Ap Lat Obli	15mins
3	X-ray Neck Ap Lat	25mins	19	X-ray Hip Ap Lat	10mins
4	X-ray Cervical Spine Ap Lat	25mins	20	X-ray Thigh Ap Lat	10 mins
5	X-ray Shoulder Ap Lat	20 mins	21	X-ray Knee Ap Lat Sky Line	15 mins
6	X-ray Clavicle Ap Lat	10mins	22	X-ray Leg Ap Lat	15 mins
7	X-ray Chest AP PA	16mins	23	X-ray Ankle Ap Lat	15 mins

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8	X-ray Humerus Ap Lat	10mins	24	X-ray Foot Ap Lat Obli	15 mins
9	X-ray Elbow Ap Lat	15 mins	25	X-RAY Erect abdomen	20 mins
10	X-ray Forearm Ap Lat	15 mins	28	X-RAY BMFT	1 hr 30 min
11	X-ray Wrist Ap Lat	10mins	29	X-RAY KUB	20 mins
12	X-ray Hand Ap Lat Oblique	15mins	30	X-RAY Distalcolon	40 mins
13	X-ray Fingers Ap Lat	15mins	31	X-RAY Infantogram	45 mins
14	X-ray Lumbar Spine Ap Lat	20mins	32	X-RAY Invertogram	45 mins
15	X-ray Dorsal spine Ap Lat	25mins	33	X-RAY skeletal survey	1 hr 15 min
16	X-ray Sacrum Lat	20 mins			

### TURN AROUND TIME FOR ULTRASOUND

S.NO	INVESTIGATION NAME	MIN TIME	MAX TIME
1	PVR	5 min	1 hr
2	UPPER ABDOMEN	15 min	1 hr
3	WHOLE ABDOMEN PELVIS	20 min	1 1/2 hr

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4	CHEST	15 min	1 hr
5	SCROTUM	15 min	1 hr
6	DOPPLER VENOUS SINGLE LIMB	30 min	1 1/2 hr
7	DOPPLER ARTERIAL SINGLE LIMB	30 min	1 1/2 hr
8	DOPPLER BOTH LIMBS SINGLE SYSTEM (VENOUS or ARTERIAL)	1 hr	2 hr
9	Tx RENAL DOPPLER	40 min	1 hr
10	PENILE DOPPLER	45 min	2 hr

### TURN AROUND TIME FOR CT SCAN

S.NO	INVESTIGATION NAME	TURN AROUND TIME(TAT)
1	CT BRAIN	45 min - 2-3 hrs
2	CT BRAIN WITH FACIAL BONES	45 min - 2-3 hrs
3	CT CHEST	1hr - 2-3 hrs

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5	CT FACIAL BONES	1hr - 2-3 hrs
6	CT KNEE	1hr - 2-3 hrs
7	CT KUB	1hr - 2-3 hrs
8	CT NECK	1hr - 2-3 hrs
9	CT SHOULDER	1hr - 2-3 hrs
10	CTPNS	1hr - 2-3 hrs
11	CT ABDOMEN PLAIN	2 hr - 5-6 hrs
12	CT BOTH HIP JOINTS	1 hr - 2-3 hrs
13	CT CHEST WITH CONTRAST	1 hr - 2-3 hrs
14	CT MASTEODS	1 hr - 2-3 hrs
15	CT ABDOMEN WITH CONTRAST (oral Iv)	4 hr - 7-8 hrs
16	CT WHOLE SPINE	1 hr - 2-3 hrs
17	CT DENTAL AXIAL	1 hr - 2-3 hrs

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### TURN AROUND TIME FOR MRI (TAT)

S.NO	INVESTIGATION NAME	Min Time	Max Time	S.NO	INVESTIGATION NAME	Min Time	Max Time
1	MRI BRAIN	1 hrs	4hrs	13	MRCP SCREENING	2hrs	4hrs
2	MRI BRAIN WITH CONTRAST	3hrs	5hrs	14	MRI ABDOMEN	4hrs	6hrs
3	MRI C SPINE	2hrs	4hrs	15	MRI KNEE	3hrs	5hrs
4	MRI D SPINE	2hrs	4hrs	16	MRI BOTH KNEE	4hrs	6hrs
5	MRI L SPINE	2hrs	4hrs	17	MRI ANKLE	3hrs	5hrs
6	MRI WHOLE SPINE	2 & 1/2 hrs	4hrs	18	MRI FOOT	3hrs	5hrs

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8	MRA NECK	3hrs	5hrs	20	MRI ELBOW	3hrs	5hrs
9	MR VENOGRAM	2 1/2	4hrs	21	MRI PITUITARY	3hrs	5hrs
10	MR ANGIOGRAM	2hrs	4hrs	22	MRI PELVIS	2 & 1/2 hrs	4hrs
11	MRA RENAL	3hrs	5hrs	23	MRI SHOULDER	2 & 1/2 hrs	4hrs
12	MRCP	3hrs	5hrs	24	MRI CHEST	3hrs	5hrs
				25	MRI WRIST	3hrs	5hrs

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The compliance is monitored by the Radiology & Imaging Services HOD.

- Xray TAT – 30 mins
- USG TAT – 30 mins
- CT TAT – 2 hours

#### 9.0 RECORDS AND FORMATS:-

Imaging departmental nominal register – HIMS module

#### Document Revision History

DOCUMENT REVISION HISTORY		
Version	Date of issue	Reason for Revision
Original version - 1	10/03/2022	Prepared 5 <sup>th</sup> edition
Revised version - 2	05/07/2023	Periodic revision and update
Revised version - 3		
Revised version - 4		
Revised version - 5		

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