



# RAJA MEDICAL SYSTEMS

No.15, V.O.C STREET, COIMBATORE - 641 011. MOBILE : 96263 13796.

## Equipment Maintenance Plan (EMP)- Protocol


Equipment : **CENTRIFUGE**

- **Maintenance CLASS** : Warranty (**W**) / AMC/Non Warranty(**NW**)
- **Maintenance TYPE** : Preventive (**PM**) / Breakdown (**BM**)
- **EMP Standard** : Periodic Performance Test(**PPT**)/Calibration Test(**CT**)
- **Period Routine** : Daily/Weekly/Monthly/Quarterly/Half-yearly/Yearly
- **PPT executed by** : Hospital concern Department Staff(Equipment User)
- **PPT testing Mode** : Visual inspection/Electrical Safety/Parameter check list
- **CT performed by** : Equipment Mfr/Supplier/Qualified Biomedical Engineer
- **CAL Traceability** : **Electrical Safety Analyser**
- **PM Procedure** : Periodic replacement/maintenance spares
- **BM procedure** : Nature of repair/spares & maintenance
- **Documentation of Repair & Maintenance Record** : @ THUMMANATTY,GPHC

S.No.	Make	Model	S.No	Maintenance Class	Maintenance Type		Remarks
					PM	BM	
1	LABOTECH	BDI-152	2011941	NW	Y	Y	

Y – YES

Periodic Mandatory tests should be done by User / Department Staff & BME\*

S.No.	PERIODIC PERFORMANCE TEST (PPT)- Check list			Status
I	DAILY	Visual Inspection Test	(a). Cabinet & Visible damages, if any (b). ECG cable and Power cord accessories (c). Risk of mechanical damages, if any	
II	WEEKLY	Electrical Safety Test	(a). User should ensure with input power, proper earthing & insulation for their equipment, patient & themselves safety by <b>Electrical line checker**</b>	
III	MONTHLY	Function Test	(a). All parameters test *** (b). Battery cycle test	
IV	QUARTERLY	PM TEST	W	NW
			AMC	
		As Recommended	As Per agreement	As per aging & technical specification
V	HALF YEARLY	CAL TEST	**	
VI	---	BM TEST	✓ Nature of repair	
			✓ Repair done	
			✓ Parts replacement	
			✓ Maintenance done	
			✓ Backup action taken	
Formulated By: Einstein Research Laboratory		Issued By:		User Department :
Endorsed By : Research Team Head		<b>RAJA MEDICAL SYSTEMS</b> No. 15, GOKUL STREET, COIMBATORE - 641011.		 Medical Officer, Govt. Primary Health Centre, Thummanatty, The Nilgiris
Reviewed on : 10.02.23 Next Review :09.02.24				

\* BME- Bio Medical Engineer

\*\* Electrical line checker – Digital device can be used by any non ELECTRICAL PERSON

\*\*\* With reference to calibration Protocol & Report for Medical Equipment