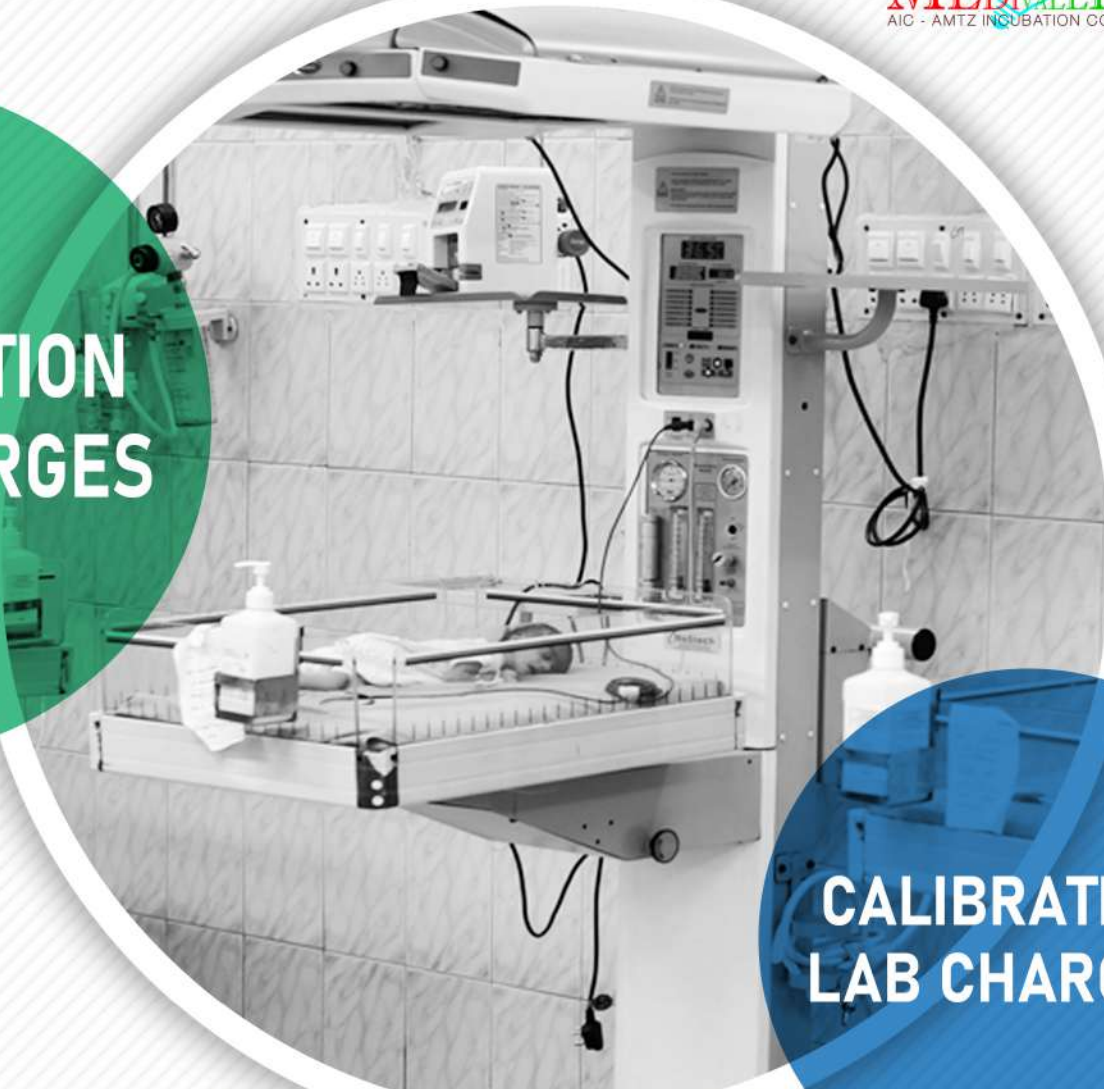


CALIBRATION LAB CHARGES



CALIBRATION LAB CHARGES

About :

Calibration of medical devices plays a very vital role in hospital ecosystem, as it ensures safety, accuracy and effectiveness of the device. The testing and calibration facility at AIC – AMTZ Medi Valley Incubation Council is equipped with state-of-the-art biomedical calibrators on par with national & international standards to test and calibrate 20+ medical devices with the current capability.

S.NO	Calibration Equipment	Applicable standards	Test parameters
1	Vital Signs Simulator Make/ model: Rigel/Uni-Sim	IEC 60601-2-25 IEC 60601-2-27 IEC 60601-2-34 IEC 60601-2-47	- ECG - SpO₂ - NIBP
2	Electrical safety analyzer Make/Model: Rigel/288+	IEC 60601-1 IEC 62353	- Earth bond test - Leakage current test - Insulation resistance test
3	Electrosurgical analyser Make/ model: Rigel/Uni-Pulse	IEC 60601-2-2	- Output power - REM test
4	Defibrillator analyzer Make/ model: Rigel/Uni-Pulse	IEC 60601-2-4 IEC 60601-2-31	- Output Energy - Charge time
5	Incubator analyzer Make/Model:Fluke/Incu II	IEC 60601-2-19 IEC 60601-2-20 IEC 60601-2-21	- Temperature - Sound level - Humidity - Air flow
6	Gas Flow analyzer with vapour Make/Model:Fluke/VT900A	IEC 60601-2-12	- All ventilator parameter - Vapor
7	Infusion device analyzer Make/Model:Fluke/IDA5/2	IEC 60601-2-24	- Flow - Volume - occlusion
8	LUX meter	-	- LUX - Luminesce
9	Tachometer	-	RPM
10	Standard weight	IS 2489 (1963)	Kg
11	Lung simulator with gas flow analyzer	ISO 80601-2-12 ISO 80601-2-80	- Volume mode - Pressure mode





Electrical Safety Analyzer



Vital Signs Simulator



Electrosurgical Analyzer



Incubator Analyzer



Defibrillator Analyzer



Gas Flow Analyzer



Infusion Device Analyzer



S.NO	Medical Devices Item	Parameters	Charges
1	Patient Monitor	Electrical Safety Test (EST), ECG, NIBP, SpO2	1000
2	ECG Machine	EST, ECG	500
3	Pulse Oximeter	EST, SpO2	300
4	BP monitor and BP apparatus	Pressure	300
5	Defibrillator	EST, Energy, Charge Time, ECG	1000
6	Electrosurgical unit	EST, Output power	1000
7	Ventilator	EST, Flow, O2%, PEEP, Tidal; Volume, I:E Time	1000
8	CPAP/BIPAP	Flow, Tidal volume	800
9	Syringe pump	Flow, Volume, Occlusion	600
10	Infusion pump	Flow, Volume, Occlusion	600
11	Pressure gauge	Pressure	400
12	Flow meter	Pressure volume	400
13	OT Table	EST	600
14	Tread Mill Test	ECG, EST	600
15	Pacemaker	Amplitude	600
16	Suction Apparatus	Pressure	400
17	Anaesthesia machine	Vapor, EST, Flow, O2%, PEEP, Tidal; Volume, I:E Time	1000
18	Boyles Apparatus	Flow rate	800
19	OT light	LUX, Luminance	200
20	Centrifuge	Speed, RPM	200
21	Digital/ Analog Weight	Kg	200
22	Temperature measurement	°C / F	200
23	Oxygen concentrator	Flow, O2	2000
24	All medical equipment with power	Electrical safety: Earth bond, Earth leakage, Enclosure leakage, patient leakage	1000
25	Performance of ventilator	Volume Mode, Pressure Mode	15,000

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AIC-AMTZ MEDIVALLEY INCUBATION COUNCIL

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