Anaesthetic machine Level Two checking checklist

		Done	Remarks
A	Preparation of device check		
1	Switch on scavenging in pendant (green light on)		
2	Check power socket connect to UPS power supply Check power indicator light up with green light		
3	Check O2, AIR, N2O, Suction pipeline and scavenging hose connect to pendant		
4	Switch on anaesthetic machine --> kappa -->C700 (reverse direction of kappa and C700 cannot transfer data)		
5	Connect to breathing circuit, bacterial filter, sampling line, tube mount and angle connector		
B	Gas supply check		
1	O2, AIR, N2O pipeline pressure >=4 bar (N2O always 3.9 bar also OK)		
2	Open O2 cylinder --> close thoroughly cylinder pressure should be >60bar		
C	O2 Flush, Safety O2 and Aux O2 flowmeter check (change APL valve to 30)		
1	Press O2 flush --> to check bag inflate without leak		
2	Turn O2 controller (silver) turn to 12L/min --> to check bag inflate without leak -->Return to zero		
3	Turn auxiliary O2 flowmeter to 15L/mins --> float of O2 meter rise		
D	Vaporizers check		
1	Check vaporizers be seated in correct position & locked		
2	Check whether volatile agent enough (not less than 1/3; if long case 1/2) All bay have sevoflurance		
3	Check whether vaporizers are set to Zero		
E	Breathing circuit check		
1	Check breathing circuit, bacterial filter, sampling line, tube mount and angle connector assembled and plugged onto the cone		
2	Check soda lime colour (change if >2/3 change colour)		
3	Check scavenger flowmeter whether the float between two mark		
F	Miscellaneous Check		
1	Check water trap whether empty. Extract water if not		
2	Turn on suction device to maximum (-40kPa in 4s)		
3	Check BVM system		
G	Perform Self test		
1	Set APL valve to 30mbar		
2	Start self test by pressing rotary knob		
H	Monitor mode to check O2 supply alarm Remove O2 Pipeline to check alarm		

Anaesthetic machine Level Three checking checklist

		Done	Remarks
A	Vaporizers check		
1	Check vaporizers be seated in correct position & locked		
2	Check whether volatile agent enough		
3	Check whether vaporizers are set to Zero		
B	Breathing circuit check		

1	Check breathing circuit, bacterial filter, sampling line, tube mount and angle connector assembled and plugged onto the cone		
2	Check soda lime colour (change if >2/3 change colour)		
C	Perform leak test and system leakage check		
	Check again circuit connection		
	Press “leak test” button --> press rotary knob to start leak test		
	- Do level 3 check between case - After GA case: change filter, catheter mount, angle connector --> 3 check - After single room isolation case: change tubing		

Anaesthetic machine trouble shooting

		Done	Remarks
1	Leak test fail - Tighten connection all connection and test again - Remove catheter mount and angle first, if pass the test change to new catheter mount and angle --> test again - Change all patient circuit --> test again - Change water trap and sampling line --> test again - Check Soda line connection (is central rod attach to bottom is bottle fit tightly) - Check bellow --> press button to pull out --> screw driver to unlock 8 screw --> take out heating plate with soda lime --> check bellow, is it dry? Is it put smoothly? --> remove inspiratory and expiratory connector --> reassemble heater plate by pressing two sensors (+-to ensure correct location of senor to prevent broken of sensor) --> reassemble soda lime --> reassemble circuit…. - Level 2 check - Change manual bag - Change anaesthetic machine	`	
2	Flow sensor - Check new sensor - Level 2 check		
3.	Flow sensor failure - Change anaesthetic machine		
3	Heater failure - Check heating plate		

Anaesthetic machine Maintenance

		Done	Remarks
1	Water trap and sampling line - End of month		
2	Circuit - Check every day - After single room isolation case		
3	Bellow - 1st day of month change one theatre; 2nd day change 2nd , till all finish		
4	Sensor - Change after broken, not change regularly		
5	Suction filter - Every 3 months		