

Periodic preventive maintenance

Safety check




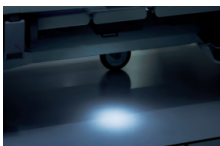






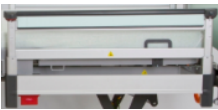




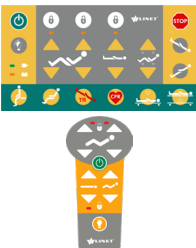
Manual for Image 3 & Image 3w




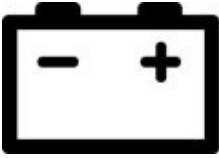





Hospital bed for acute care



P	Picture	Action	Tools
Bed frame		Bed identification <ul style="list-style-type: none"> Write the bed serial (SN) and model (REF) number onto the preventive check report 	N/A
Undercarriage		Checking the welds and the surface finish <ul style="list-style-type: none"> Visually check the welds on the whole undercarriage Check the surface finish (paintwork) on the undercarriage 	N/A
Undercarriage		Checking the tightness of the fixings <ul style="list-style-type: none"> Visually check all screw connections on the whole undercarriage Check the screws on all four castors (five in Image 3 version with the 5th castor) – tighten loose screws using an appropriate tool 	N/A
Undercarriage		Checking the castor wheel rotation <ul style="list-style-type: none"> Move the bed 1m in various directions while the brake is in the neutral position Check all bearings Check each castor for the tread integrity Check each castor for smoothness of motion and lack of noise 	N/A
Undercarriage		Checking the function of the bed's braking system <ul style="list-style-type: none"> Check the brake function on each castor (red lever down) – castor wheel rotation and castor swivelling should be locked Check the neutral function on each castor (lever horizontal) - castor wheel rotation and castor swivelling should be unlocked Check the steering lock function - 3 castors unbraked, steering castor locked in the forward direction, castor wheels unbraked (green lever down; Image 3 version without the 5th castor) 	N/A
Undercarriage		Checking the Central Castor Control (brake) levers <ul style="list-style-type: none"> Check the tightness of the CCC (brake) levers 	Allen key
Undercarriage		Checking the 5th castor system <ul style="list-style-type: none"> Check that the 5th castor raises (when the green lever is up) and lowers (when the green lever is down) to the end position 	N/A
Undercarriage		Checking the actuator fixing <ul style="list-style-type: none"> Check the tightness of the screws or pins which connect the actuators to the frame 	Socket set

P	Picture	Action	Tools
Undercarriage		<p>Checking electrical wiring</p> <ul style="list-style-type: none"> • Visually check all groups of cables on the bed undercarriage • Check that the plastic trunking is securely fixed and that the covers are closed • Check that the cables are correctly secured with cable ties • Check equipotential bonding cables - integrity and fixings 	N/A
Undercarriage		<p>Checking the mains power cable</p> <ul style="list-style-type: none"> • Visually check the complete mains cable for any damage • Check the complete cable by hand to find any damage! • Check that the cable gland is securely fixed to the bed frame 	N/A
Undercarriage		<p>Checking the Brake Alarm</p> <ul style="list-style-type: none"> • Check that the brake alarm is working • Connect the mains cable to mains electricity. 	N/A
Undercarriage		<p>Checking the night light</p> <ul style="list-style-type: none"> • Visually check the function of the night light after connecting the supply cable to mains electricity • Test the night light switching 	N/A
Patient surface		<p>General visual check of patient surface parts</p> <ul style="list-style-type: none"> • Check these parts: frame, HPL parts, siderails, siderail mechanisms, head and foot bed ends, other parts • Check the surface finish (paintwork) • Check the welded connections 	N/A
Patient surface		<p>Checking fixations on the patient surface</p> <ul style="list-style-type: none"> • Visually check all screw connections 	N/A
Patient surface		<p>Checking the actuator fixing</p> <ul style="list-style-type: none"> • Check the tightness of the screws or pins which connect the actuators to the patient surface frame. 	N/A

P	Picture	Action	Tools
Patient surface		<p>Checking electrical wiring</p> <ul style="list-style-type: none"> • Visually check all groups of cables on the patient surface • Check that the plastic trunking is securely fixed and that the covers are closed • Check that the cables are correctly secured with cable ties • Check equipotential bonding cables - integrity and fixing 	N/A
Patient surface		<p>Checking siderails</p> <ul style="list-style-type: none"> • Check the tightness of the screws which connect the siderails to the siderail mechanisms. Tighten the screws with the appropriate tool • Check the ease of operation and positioning • Check the reliability of the side locking in the upper position • Check the surface finish • Check the quality of the adhesion of the decors 	N/A
Patient surface		<p>Checking moving parts</p> <ul style="list-style-type: none"> • Check the parts visually and check the function of the moving parts: (backrest, thighrest, calfrest, bed extension, siderail movement, siderail locking, bed end locking, linen holder, mechanism of the mattress platform lift • If necessary, lubricate all surfaces in contact under friction with the appropriate product • Washable bed <ul style="list-style-type: none"> » siderails, linen holder - lubricate with Bio-fluid » extension, mattress platform lift - lubricate with MOL Liton 	<p>BioFluid, MOL Liton</p> 
Patient surface		<p>Checking horizontal bed position using level</p> <ul style="list-style-type: none"> • In the highest bed position check that it is in horizontal position 	N/A
Patient surface		<p>Checking head and foot boards</p> <ul style="list-style-type: none"> • Check the parts visually • Check that the head and foot boards are easily removable and attachable • Check the functionality of the bed head and foot board fixing • Check the quality of the adhesion of the decors 	N/A
Controllers		<p>Checking the functions of <u>ALL</u> controls</p> <ul style="list-style-type: none"> • ACP, handset, etc. • Check all buttons on all controls (including the GO and STOP buttons) • Check all functions on all controls (movement, lock functions) • Check the function of the siderail limit switches • Visually check the integrity of the controllers and their parts 	N/A

P	Picture	Action	Tools
Actuators		<p>Checking functions of all actuators (backrest, thighrest actuators, Hi/Lo actuators)</p> <ul style="list-style-type: none"> • Check actuators movement to full extension/retraction • Check the synchronization of the actuators • Check the actuators subjectively for vibration and noise without load and under load • Check the self-lock ability of the lifting units under load (they must hold the set height/position) 	N/A
Bed system		<p>Checking the mechanical unblocking of the backrest CPR</p> <ul style="list-style-type: none"> • If the backrest is not in the lowest position press CPR handle and let the backrest fall down • If the backrest is down then move the backrest a little bit up, press CPR handle and let the backrest fall down • Test the mechanical unblocking from the highest position of the backrest (check the ease of operation - settings, check the ability of the CPR mechanism to lock under load) • Visually check the unblocking mechanism, the cable sleeve and fixing screws. Inspect the CPR control cable for damage <p>When malfunction or deterioration of the unblocking function is detected:</p> <ul style="list-style-type: none"> » Adjust the setting screw – cable sleeve length » Lubricate the actuator piston with the appropriate product 	<p>BioFluid</p> 
Battery		<p>Battery</p> <ul style="list-style-type: none"> • Test the battery functions • Replace the battery after two years 	N/A
Electrotechnics		<p>Electrical test</p> <ul style="list-style-type: none"> • Electrically test the bed according to the appropriate standards • Write the results to the preventive check report 	 <p>With Option SI+ Module</p>
Label		<p>Placing the preventive check sticker on the bed</p> <ul style="list-style-type: none"> • Place the LINET sticker on the foot end crossbar and make a note of the date of the next preventive check (1 year) 	
Report		<p>Complete the Preventive Maintenance Protocol</p>	Preventive check report

Bed serial number:		Bed model number:	
Customer:		City:	

Operation	Visual Checks ✓	Test Function ✓	Fault Detection	
			YES	NO
Welds and the surface finish		N/A		
Tightness of the fixings castors				
Castor wheel rotation				
Function of the bed's braking system				
COK (brake) levers				
5th castor system				
Actuator fixings to the frame				
Electrical wiring - undercarriage				
Mains power cable				
Brake Alarm				
Night light				
General visual check of patient surface parts		N/A		
Fixations on the patient surface				
Actuator fixings to the patient surface				
Electrical wiring - patient surface				
Siderail				
Moving parts				
Horizontal bed position				
Head and foot boards check				
Functions of <u>all</u> controls				
Functions of all actuators				
Mechanical unblocking of the backrest CPR				
Battery				

Electrical Test (measurement according to the norms in the country)

		Measured	Allowed	Unit
Earth leakage current	Normal condition		0,50	mA
	Single fault		1,00	mA
Insulation test			>2.000	MΩ
Earth bond test			0,3	Ω

Replaced spare part number(s) / action made on the bed:

Results: The bed passed the service inspection and can be returned to use:

YES

needs to be repaired

NO

Date: _____

Validity expires on: _____

Check done by:	Name:	Signature

Manufacturer:

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LINET

Image 3 & Image 3w

Hospital bed for acute care

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Related links: www.linet.com

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