QA3™
Patient Stretcher System

Instructions for Use for;

QA3™ DRIVE Function Stretchers

Products;

Code 21112 – QA3 ***DRIVE*** Patient Stretcher
Code 21122 – QA3 ***DRIVE*** Emergency Stretcher

AneticAid

Document No. 992013. Issue 1 – 15/02/24

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Introduction

Quick Start Guide for *DRIVE* Assist (inside back page)

1. Introduction

These instructions are intended to assist you with the operation of the following QA3 Stretcher variants;

Code 21112 – QA3 ***DRIVE*** Patient Stretcher
Code 21122 – QA3 ***DRIVE*** Emergency Stretcher

It is important that these instructions are read thoroughly before using the equipment. The device will be adversely affected and its life expectancy reduced if the following instructions are not observed.

It is also important to check the stretcher before use to ensure there is no loss or change in performance; ensure that all stretcher functions operate to their full range of movement and that all components disengage, re-engage and lock correctly. We recommend that the stretcher is visually inspected for any loose or damaged parts, foreign bodies caught in the castors, and hydraulic fluid leakage.

NOTE:	If the stretcher is damaged or faulty it **must** be taken out of use with immediate effect and the fault reported to Anetic Aid, your authorised dealer or maintenance department. The stretcher **must not** be used until the damage or fault has been repaired.

1.1. Device Classification

The device referenced in this document is CE marked and has been classified as a Class 1 Medical Device under the scope of both the UK Medical Device Regulations 2002 (UK MDR 2002) and the Medical Device Regulation 2017/745.

CE MD UK CA

EC REP EU-UK Authorised Representative Ltd.
Unit 591, Moat House, 54 Bloomfield Avenue,
Belfast, BT5 5AD, Northern Ireland

CH REP OZG OneZurich Group Ltd.,
Mülibodenstrasse 3, 8172 Niederglatt ZH,
Switzerland

1.2. Warnings & Cautions

In common with all medical devices of this nature there are inherent risks that the user should be made aware of, including potential pinch points from moving parts. Whilst every effort has been taken to eliminate these risks, care should be taken when using the stretcher. Various warnings and cautions are made throughout these operating instructions.

⚠	A **WARNING** is given when the personal safety of the patient or user may be affected and when disregarding this information could result in injury.

⚠	A **CAUTION** is given when special instructions must be followed. Disregarding this information could result in permanent damage being caused to the stretcher.

1.3. Intended Use & Contraindications

The device's intended use is as a method of transporting a patient to and from and in a theatre, clinical or emergency medical department environment, being used for examination, intubation, radiography and recovery of a patient following anaesthesia.

CONTRAINDICATIONS:

- The stretcher is not compatible with hospital bed/stretcher washers.
- The stretcher must not be used near magnetic resonance imaging (MRI) machines, or any machines generating a large magnetic field.
- Do not use the stretcher for transporting patients in a moving vehicle.
- The stretcher should not be used outside; it may be damaged by pushing it across rough or uneven ground.

1.4. Serial Number Label

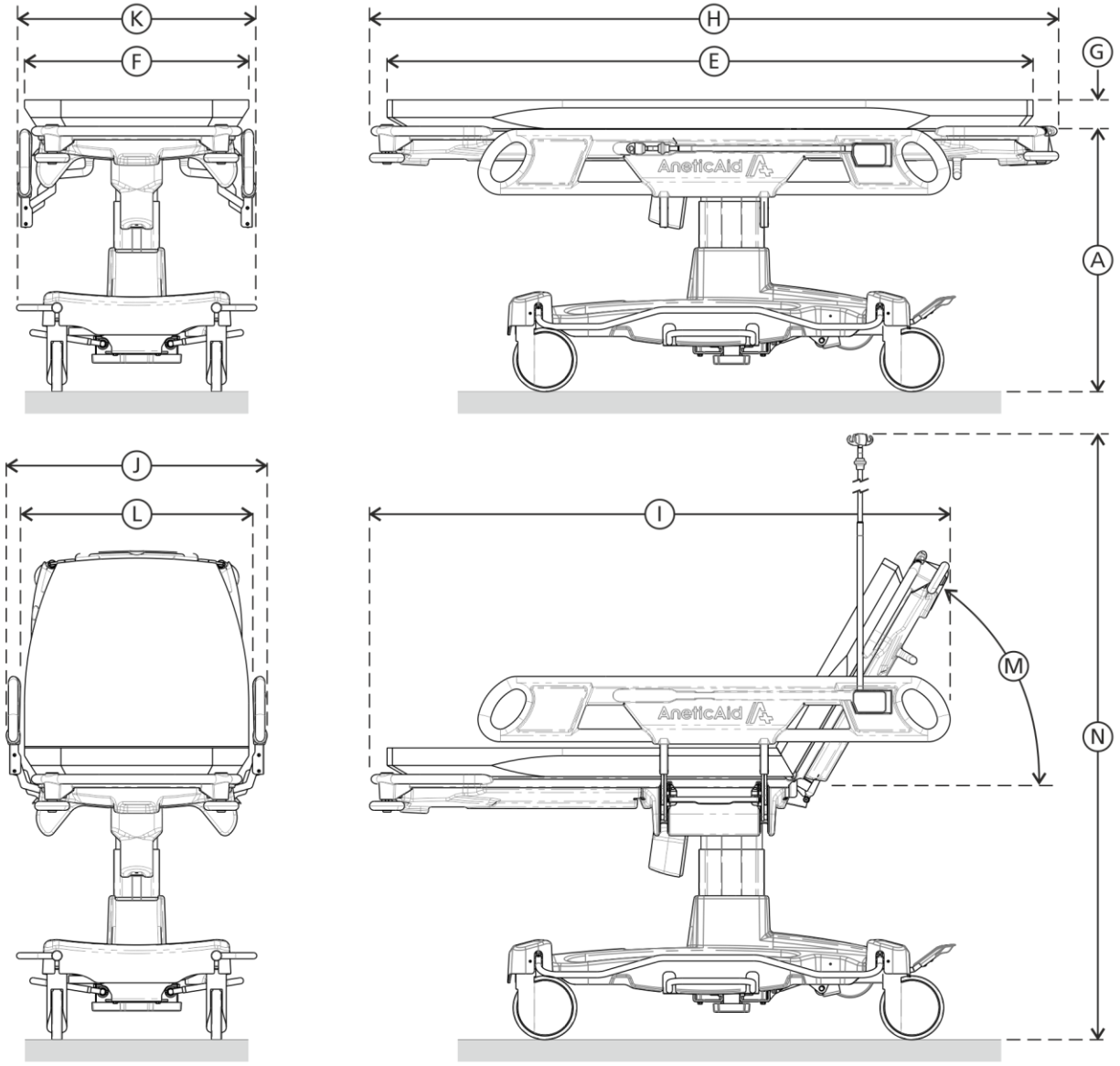
The serial number label is located on the base cover moulding.

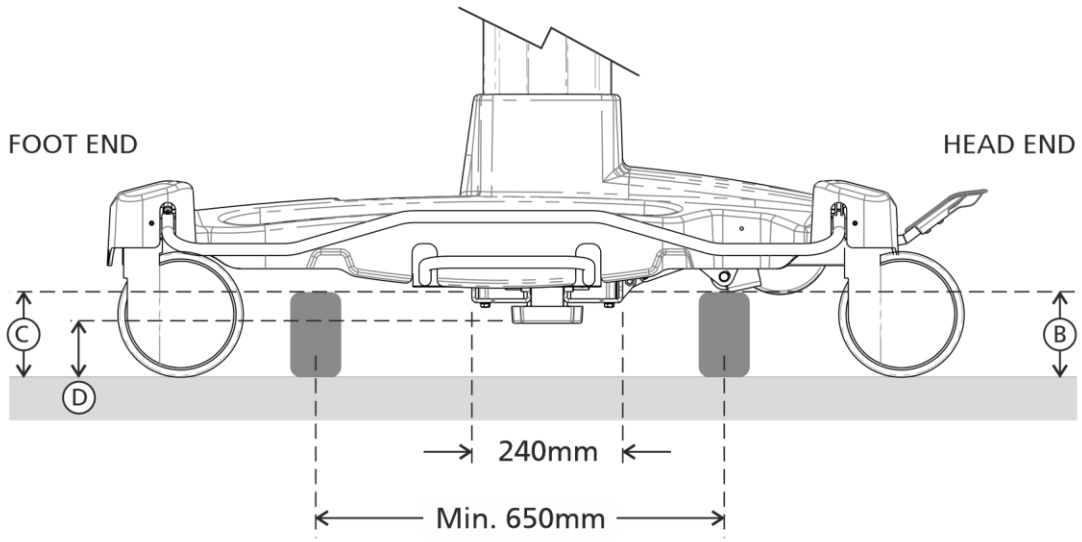
1.5. Putting the Stretcher into Service

Care should be taken when removing packaging, avoid the use of sharp implements wherever possible. It is important that the stretcher is working properly, fully charged and cleaned and disinfected before it is put into service; use this manual to check all product functions and follow the cleaning and disinfecting instructions.

The stretcher should only be used, for its intended use, by suitably trained personnel who have familiarised themselves with the functions of the stretcher. Our representatives are available for on-site consultation or training and our head office team will be pleased to answer any queries you may have.

2. Product Specifications





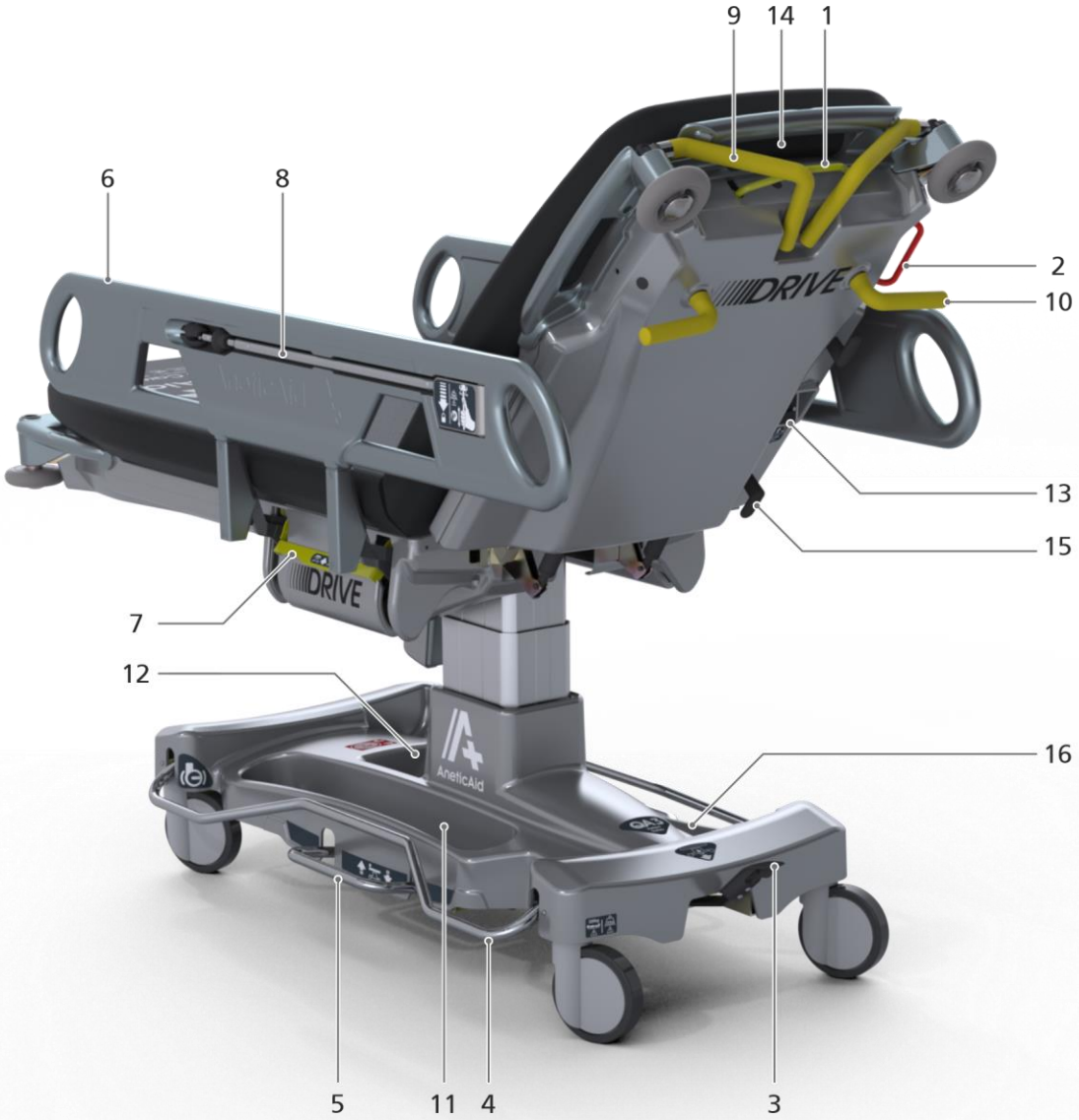
NOTE:
Compatible with hoist leg height up to 120mm

		QA3 *DRIVE* Patient Stretcher Ref. 21112	QA3 *DRIVE* Emergency Stretcher Ref. 21122
Castor Diameter		Ø150mm (5.9”)	Ø150mm (5.9”)
Height range:			
A.	Minimum stretcher height	475mm (18.7”)	535mm (21.1”)
	Maximum stretcher height	775mm (30.5”)	835mm (32.9”)
Ground clearance under the stretcher base:			
B.	Beneath the 5th wheel	90mm (3.5”)	
C.	Beneath the base frame		
D.	Beneath the lift column	44mm (1.7”)	
Note: The stretcher is compatible with hoists with leg heights up to 120mm.			
Mattress dimensions for all stretcher variants:			
E.	Mattress length	2025mm (79.7”)	
F.	Mattress width	700mm (27.6”)	
G.	Mattress depth	90mm (3.5”)	
Stretcher length:			
H.	Patient platform flat	2150mm (84.6”)	
I.	Backrest raised (70°)	1820mm (71.7”)	
Stretcher widths:			
J.	Side rails up	805mm (31.7”)	
K.	Side rails down	735mm (28.9”)	
	Brakes off	735mm (28.9”)	
L.	Width between side rails up	745mm (29.3”)	
Backrest & kneeFlex articulations:			
M.	Manual function backrest	0 - 90°	
IV pole:			
N.	Maximum height of pole	2110mm (83.1”)	2155mm (84.8”)
	Maximum weight per hook	3kg (6.6lbs) or 3 Litres (101.4 fl oz.)	
	Safe working load (SWL)	6kg (13lb)	
Trendelenburg:			
Trendelenburg		12°	
Reverse Trendelenburg		10° (optional feature)	
Patient weight limit and safe working load (SWL):			
Maximum patient weight		320kg (705.5lbs)	
Safe working load (SWL)		320kg (705.5lbs)	
Stretcher weights:		143.5kg (316.4lbs)	157.0kg (346.1lbs)
***DRIVE* Assist function:**			
DRIVE Assist range		> 20km (12.4 miles)	
Note: This figure is a guide only, and will vary depending upon a number of conditions, i.e.; patient weights, the number and severity of inclines, battery age, etc.			
Maximum slope angle		6°	
DRIVE handle deactivation		3 minutes	
System switch off		30 minutes	
Battery type, mains charging input, charging times:			
Battery specification		NiMH, 9Ah 24V	
Mains charging input		100-240V~, 50-60Hz. ⎓ T2.5A 250V 20mm	
Full charge time from flat		5hrs	
Partial charge time		30 minutes per 10% of the full charge	
Note: Charging figures are dependent upon the age and condition of the battery.			

	QA3 *DRIVE* Patient Stretcher Ref. 21112	QA3 *DRIVE* Emergency Stretcher Ref. 21122
Electrical classification:	Class I	
EMC compatibility:	IEC 60601-1-2:2015	
IP rating:	IPX4	
Environmental conditions:		
Temperature:	Operation	10°C to 50°C
	Storage & Transport	-20°C to 50°C
Relative humidity:	Operation	30% to 75%
	Storage & Transport	10% to 75%
Atmospheric pressure:	Operation	70kPa to 106kPa
	Storage & Transport	50kPa to 106kPa
Environmental regulatory information; WEEE, waste batteries, etc.:		
For the latest information about Anetic Aid's environmental policy, WEEE policy, and the safe disposal of this product, please refer to our website.		

NOTE: All dimensions quoted are subject to the following tolerances; angles ±2°, lengths and widths ±25mm, depths ±10mm. Anetic Aid reserves the right to change specifications without notice.

3. Product Functions



1. Backrest actuation lever.
2. Trendelenburg actuation lever.
3. Steering pedal (activates 5th wheel).
4. Brake pedal.
5. Raise and lower pedal.
6. Side rail.
7. Side rail release lever.
8. Fixed transfusion pole.
9. Fold-away ***DRIVE*** Assist pushing handles.
10. Fixed ***DRIVE*** Assist pushing handles.
11. Storage recess.
12. Serial number label.
13. Charging socket.
14. Head end user interface.
15. Storage hooks for the mains power lead.
16. Oxygen cylinder mounting trough (accommodates F, ZX, D, E & CD size's)
    NOTE: A CD cylinder support bracket is available (catalogue no. 53556).

4. Height Adjustment

The height of the patient platform is adjusted by using either of the raise and lower pedals. Pumping either pedal will raise the patient platform, lifting either pedal will lower the patient platform. The patient platform requires 27±1 pump strokes to achieve full height.

WARNING: Ensure there is nothing to impede the raising or lowering of the patient platform as this could result in damage to the equipment and/or injury to the patient.

WARNING: When leaving patients unattended the stretcher should be fully lowered to minimise any risk of injury should the patient fall off the stretcher.

5. Using the Brakes

All four castors are simultaneously braked by depressing either of the brake pedals at any point along the length of the pedal. The brakes are disengaged by lifting either pedal.

WARNING: Always apply the brakes when leaving a patient unattended, a patient is getting on or off the stretcher, or transferring patients from the stretcher to another platform.

6. Using the Steering Pedal, activates 5th wheel

The stretcher can be manoeuvred more easily by engaging the 5th wheel steering mechanism. The mechanism is engaged, and disengaged, by pressing down on the steering pedal. To move the stretcher sideways disengage the 5th wheel.

CAUTION: Applying the steering pedal with excessive force, i.e. by standing on it, may cause permanent damage to the mechanism.

7. Using the Side Rails

The stretcher is fitted with two side rails that can be individually raised and lowered. Lower the side rail by pulling up on the side rail release lever and pushing the side rail down. Raise the side rail by gripping it and pulling up firmly to its full height; the release lever will make an audible 'CLICK' when engaged. The side rail will now be locked into position.

WARNING: It is important to ensure that nothing impedes the side rail release lever from locking correctly; ensure that the release lever remains visible at all times.

WARNING: After raising the side rail it is important to ensure that the release lever has properly locked in position by pushing down firmly on the side rail. Failure to ensure the side rail is properly locked could result in injury to the patient.

CAUTION: If the side rail mounted IV pole is in use when either raising or lowering the side rail it is important to check the infusion flow rate as the height of the infusion above the patient will change by approximately 30 cm.

NOTES:

The side rails are designed to prevent a patient inadvertently rolling off the stretcher; they are not intended to restrain the patient.

When the IV pole is in use, the weight of the side rail is increased and the side rail may lower more quickly. Keep a firm grip on the side rail as it lowers to control its movement; see Section 16, 'Using the Transfusion Pole', for details on the maximum weight for the IV pole.

8. Using the Backrest

The backrest is moved up or down by pulling up on the backrest actuation lever whilst keeping a firm grip on the pushing handle to control the movement.

NOTE:	It is important to note that the backrest provides only minimal lift assistance; the patient should be assisted into a sitting position as the backrest is articulated up.
⚠	**CAUTION:** When the backrest is raised the fold-away pushing handles can come in close proximity to the patient's head and care should be taken.

9. Using the Trendelenburg Function

The patient platform can be moved into a Trendelenburg, or Reverse Trendelenburg, position by pulling up on the Trendelenburg actuation lever whilst maintaining a firm grip on the platform handle to control the movement. The tilt speed can be controlled by the gradual squeezing of the actuation lever rather than pulling it fully.

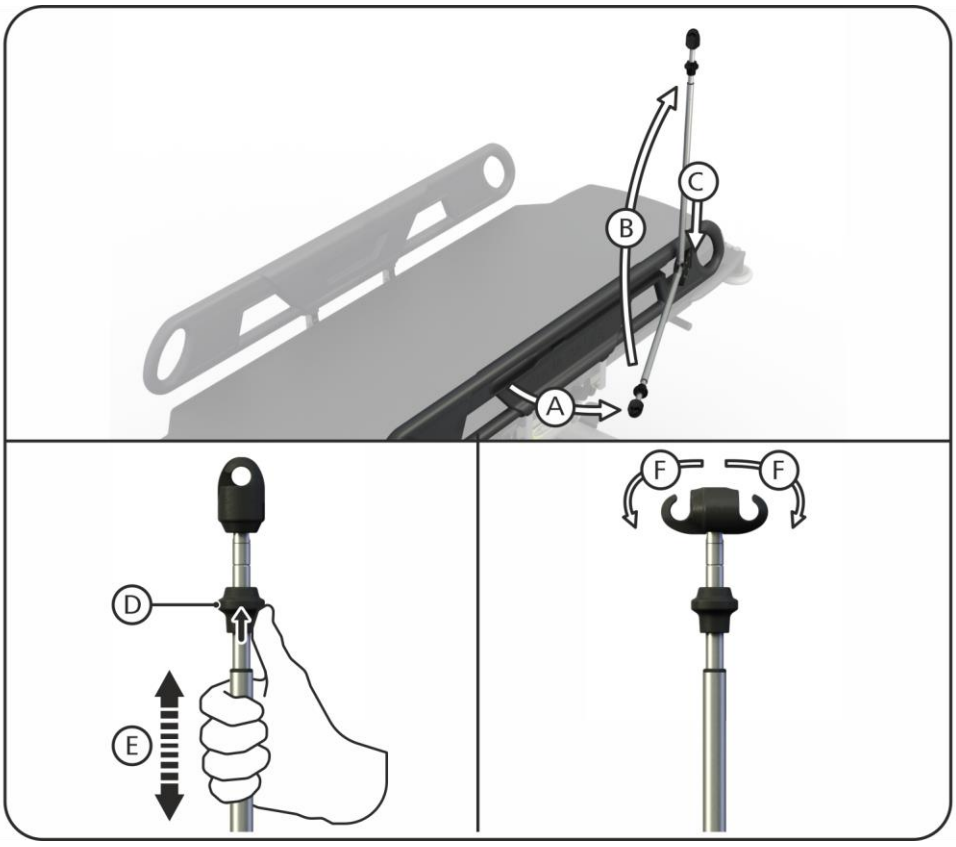
NOTE:	Trendelenburg is a standard stretcher function, Reverse Trendelenburg is an optional function.
⚠	**WARNING:** When handling heavy patients, extreme care should be taken when attempting to tilt the platform head down and assistance should be sought to take the weight of the platform when released; failure to do so could result in injury to the user.

10. Using the Transfusion Pole

As illustrated, pull the transfusion pole away from the side rail storage position (A), articulate the transfusion pole up 90° to the vertical position (B), and allow the transfusion pole to drop down and engage into the mounting socket (C).

To adjust the height of the transfusion pole grasp the locking mechanism (D) and using your thumb lift the mechanism to release the lock and move the pole up or down to the required height (E); release the mechanism to lock the pole in position.

⚠	**CAUTION:** When adjusting the height of the pole use two hands; one to adjust the height of the inner pole and hooks, and the other to hold the outer pole to ensure that it remains fully engaged in the mounting socket.



The transfusion pole is fitted with two spring-loaded hooks that are designed to return to their original upright position when not in use. Swivel one or both hooks outwards (F) to hang the IV bags.

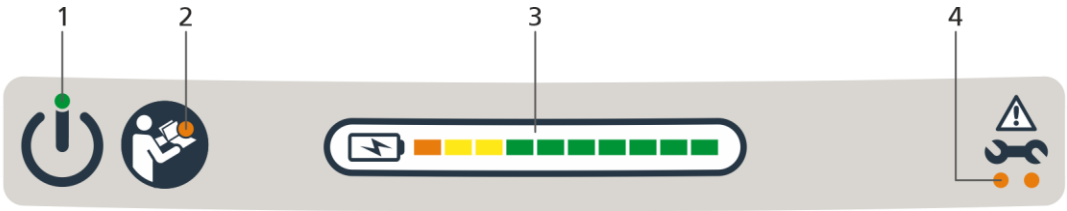
NOTE:	The maximum weight limit per IV hook is 3kg (6.6lbs) or 3 litres (101.4 fl oz.), and the recommended safe working load for the IV pole is 6kg (13.2lbs). Syringe drivers (and similar devices) can be mounted to the IV pole if the following **CAUTION** is observed.
⚠	**CAUTION:** Syringe drivers (and similar devices) can be mounted to the IV pole if extreme care is taken when lowering or lifting the side rail with additional weight attached. We advise that the device sits on the siderail for additional support.
⚠	**CAUTION:** When folding the transfusion pole away ensure that it is fully retracted and returned to its storage position within the side rail; failure to do this may cause the pole to get caught on obstructions when pushing the stretcher.
⚠	**CAUTION:** Using the transfusion pole to either push or pull the stretcher may cause permanent damage to the transfusion pole and the side rail.
⚠	**CAUTION:** If the side rail mounted IV pole is in use when either raising or lowering the side rail it is important to check the infusion flow rate as the height of the infusion above the patient will change by approximately 300mm (11.8").

11. Introduction to *DRIVE* Assist

The stretcher incorporates a motorised 5th wheel, the '***DRIVE*** wheel'. The assistance the ***DRIVE*** wheel provides is to help reduce the pushing and pulling forces required to start and stop the stretcher, and the force required in motion; it is therefore referred to as '***DRIVE*** assist'.

The pushing handles are attached to sensors that detect the push/pull action on them, and are termed '***DRIVE*** handles'. ***DRIVE*** assist is automatically activated by placing both hands on the ***DRIVE*** handles, and pushing or pulling the handles forwards or backwards to apply a modest amount of start-up motion to the stretcher.

⚠	**WARNING:** Do not use a stretcher bed push, or other mechanical means for propulsion of the stretcher, on a stretcher fitted with ***DRIVE*** assist.

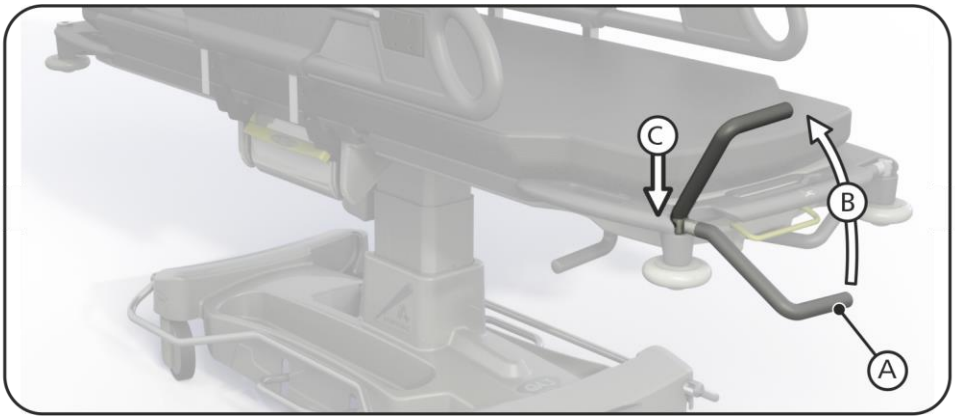


1. ON/OFF button and system status indicator
2. Read instructions indicator
3. Battery charge level indicator
4. Service indicators

12. Using the *DRIVE* Assist Fold-away Pushing Handles

The stretcher is fitted with two fold-away ***DRIVE*** Assist pushing handles at the head end of the stretcher. As illustrated each pushing handle is swivelled out (A), up (B), and then allowed to drop down into the mounting socket ready for use (C). The handles should be folded away when not in use.

⚠	**CAUTION:** When the backrest is raised, the fold-away pushing handles can come in close proximity to the patient's head and care should be taken.



13. Switching On *DRIVE* Assist

The stretcher is switched on by depressing the ON/OFF Button. At start up a short beep sounds.

NOTE:	Before switching on ***DRIVE***, ensure the ***DRIVE*** handles are free from external forces, and nothing is hanging from, wrapped around, or clamped on to, the ***DRIVE*** handles, as this will prevent successful calibration.

14. *DRIVE* Assist Handle Calibration

When the stretcher is switched on, the system status indicator will flash for 1-3 seconds indicating that the ***DRIVE*** handles are calibrating. The indicator will turn solid green when calibration is successful and another short beep will sound; the ***DRIVE*** handles are now active. If the system status indicator continues to flash, calibration has not been successful.

CHECK: If the backrest is below 35°, the fold-away handles must be deployed in an upright pushing position for calibration to be successful. If the handles are folded away, then calibration will not be possible, and the system status indicator will continue to flash. The fold-away handles may be stored if the backrest is above 35°, as this will not affect calibration for the fixed handles.

NOTE:	Do not place hands on the ***DRIVE*** handles immediately after switching on the system. It is important the ***DRIVE*** handles are not touched during calibration, as this will delay, or prevent, successful calibration.

15. Using *DRIVE* Assist

After successful calibration, ***DRIVE*** is now active. If the backrest angle is below 35°, the fold-away push handles will be active. If the backrest angle is above 35°, the fixed push handles will be active. As the backrest is articulated through 35° the ***DRIVE*** handles will automatically switch from active to non-active, and vice-versa.

Firstly, make sure the ***DRIVE*** wheel is engaged.

- **Driving:** Push positively on the ***DRIVE*** handles and the stretcher will begin to move forwards. Push harder and the stretcher will move more quickly. Pull back on the ***DRIVE*** handles to slow, stop, or reverse, the stretcher. The stretcher is restricted to a maximum speed of 6km/hr.
- **Driving up a slope:** Push the ***DRIVE*** handles fully forward, and walk at the pace of the stretcher. Pushing harder will result in unnecessary physical exertion, and the speed of travel will not be increased.
- **Driving down a slope:** As you approach a downhill slope, pull back gently on the ***DRIVE*** handles to decrease the stretcher speed. As you walk down the slope,

continue to pull back gently on the ***DRIVE*** handles to descend the slope under control.

A full battery provides more than 20km (12.4 miles) of ***DRIVE*** assistance. Note; this figure is a guide only, and will vary depending upon a number of conditions, i.e.; patient weights, the number and severity of inclines, battery age, etc.

NOTES:	If you attempt to ***DRIVE*** using the non-active handles, the 'READ INSTRUCTIONS' indicator will flash amber and a beep will sound.
	The stretcher will not ***DRIVE*** if the brakes are engaged, and the 'READ INSTRUCTIONS' indicator will flash amber and a beep will sound.
	The stretcher will not ***DRIVE*** if the mains charging lead is still connected.
	The stretcher will not ***DRIVE*** if the wheel is not engaged, see Section 11, 'Using the Steering Pedal'.
⚠	**CAUTION:** The maximum slope angle for ***DRIVE*** assist is 6°; exceeding this angle could result in damage to the stretcher or the fabric of the building.
⚠	**CAUTION:** Ensure the mains charging lead is disconnected before attempting to move the stretcher; failure to do so could result in damage to the stretcher or the fabric of the building.
⚠	**WARNING:** Do not stow the fold-away handles when driving, or whilst ***DRIVE*** assist is active. Ensure the brakes are engaged before stowing the fold-away handles.
⚠	**WARNING:** When leaving a patient unattended, always switch off the ***DRIVE*** assist function and apply the brakes.

16. *DRIVE* Assist Handle Deactivation & Automatic System Switch Off

If the ***DRIVE*** handles are not used for 3 minutes, they will deactivate; this is a safety feature and is indicated by 3 rapid pulses of the system status indicator. The ***DRIVE*** handles are reactivated by a short press on the ON/OFF Button; the system status indicator will return to solid green. After 30 minutes of inactivity, the system will switch off; a system restart is required to continue driving.

17. Using *DRIVE* Assist with no Battery Power

The stretcher can still be manoeuvred and steered when there is no battery power, as the ***DRIVE*** wheel will free-wheel. However, there will be no ***DRIVE*** assistance or ***DRIVE*** wheel braking.

18. *DRIVE* Assist Wheel Braking

The ***DRIVE*** wheel brake will engage under the following conditions;

- When the stretcher is brought to a stop, the ***DRIVE*** wheel brake will remain active for 2 seconds; this is a safety feature to prevent 'unintended movement'. If the stretcher is pushed or pulled not using the ***DRIVE*** handles, i.e. using the side rails, or patient deck grab handles, then the ***DRIVE*** wheel brake will activate. After 2 seconds of standstill, the wheel brake will disengage to allow the stretcher to be manoeuvred without using the ***DRIVE*** handles.
- If you release the stretcher on flat ground, the ***DRIVE*** wheel brake will slow the stretcher to a stop within a few metres.
- If you release the stretcher down a slope, the ***DRIVE*** wheel brake will engage and slow the stretcher, and then the brake will release. The stretcher will gather speed, and the ***DRIVE*** wheel brake will re-engage. This is a safety feature, and not to be used as a method of controlling descent down a slope.

⚠	**WARNING:** Do not release the stretcher down a slope and rely on the ***DRIVE*** wheel brake to control the stretcher descent.

19. Quick Debugging Guide for *DRIVE* Assist

In case your ***DRIVE*** assist system fails to perform as expected, follow these steps;

19.1. Check if the system is switched on; the system switches off automatically after 30 minutes of inactivity.
19.2. Check if the DRIVE handles are inactive, indicated by 3 rapid pulses of the system status indicator; the ***DRIVE*** handles automatically deactivate after 3 minutes of inactivity. Reactivate the ***DRIVE*** handles by a short press on the ON/OFF Button, the system status indicator will return to solid green.
19.3. Switch the system off and on again. Let the system restart and the DRIVE handles recalibrate; check the system operates normally.

20. Battery Charge Level Indication, Battery Charging & Maintenance

The battery charge level is shown by the BATTERY LEVEL indicator. There are 10 indicators, each block represents 10% of the 100% total charge.

NOTE:	Battery charge level indication is only displayed when the system is on.

To charge the battery, plug the mains lead into the charging socket on the stretcher and a mains wall outlet. It takes approximately 5 seconds for the system to recognise that the charger is active and commence charging. Charging is shown by the indicators illuminating in sequence, one-by-one, from the current charge level to the 10th indicator. When the battery is full, the 10th indicator will blink at double speed.

A new battery will take approximately 5hrs to fully charge from flat; this equates to 30 minutes per 10% of the full charge. It is recommended that the stretcher is placed on charge when not in use. It is perfectly acceptable to partially charge the battery for short term use.

Even when the system is not in use, the battery drains slowly; a fully depleted battery can be permanently damaged. Such damage is excluded from product warranty. Therefore, it is strongly advised to fully charge the battery at least every 3 months. Damage to the battery due to the battery not being charged for long periods is monitored by the system software and is excluded from product warranty.

NOTES:	The charging figures quoted are dependent upon the age and condition of the battery, and are guidelines only.
	DRIVE assist is deactivated when the stretcher is charging.
⚠	**CAUTION:** Ensure the mains charging lead is disconnected before attempting to raise the backrest, or move the stretcher; failure to do so could result in damage to the stretcher or the fabric of the building.
⚠	**CAUTION:** Fully charge the battery at least every 3 months to avoid fully depleting the battery, and causing permanent damage to the battery. Such damage is excluded from product warranty.

21. X-ray Radiolucent Platform (QA3 *DRIVE* Emergency Stretcher only)

The Emergency Stretcher is specially designed to accommodate the needs of accident and emergency departments and includes a raised x-ray radiolucent platform suitable for analogue and digital direct radiography and computed radiography.

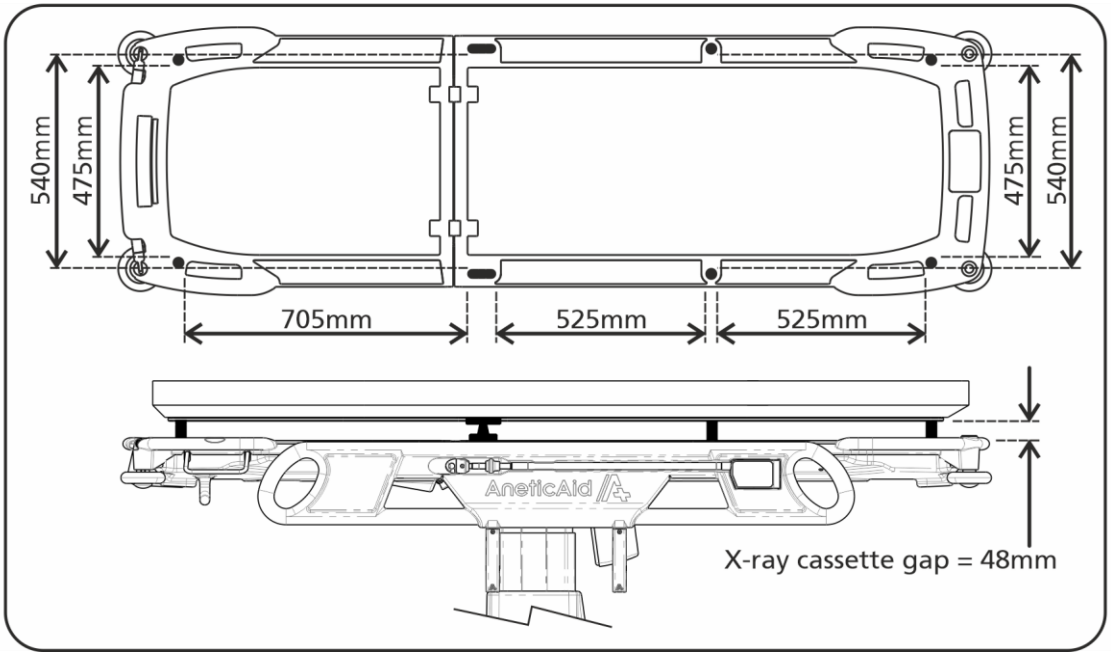
To improve access for cleaning beneath the x-ray platform both the backrest and leg sections can be articulated upwards for easy access to the patient platform surface.

Analogue and digital direct detectors are loaded beneath the x-ray platform and between the supporting posts; see the illustration below for the relevant dimensions. Alternatively, the detectors can be loaded on the optional x-ray tray, and then positioned anywhere below the platform.

NOTES: All known original equipment manufacturers mobile imaging generators, and floor or ceiling mounted fixed imaging generators (which offer horizontal and vertical tracking), including U-armed, are compatible.

The maximum detector, or cassette, dimension that can be accommodated is W520mm x L610mm x H48mm (W20.5" x L24.0" x H1.9"); this includes any carrier or protective case.

CAUTION: Do not raise the backrest with the x-ray tray, x-ray cassette or digital plate across the backrest hinge as damage may occur.



22. Patient Weight Limit

The stretcher is designed to accommodate a maximum patient weight of 320kg (705.5lbs) and has a safe working load of 320kg (705.5lbs).

NOTE: The safe working load is the sum of the maximum patient weight, the weight of any accessories attached to the stretcher and the weight of the items on or attached to those accessories. Therefore, if using accessories, the weight of those accessories must be subtracted from 320kg (705.5lbs) to establish the maximum patient weight that can be put onto the stretcher.

CAUTION – Special Precautions for Handling Heavy Patients:

- Heavy patients must mount the stretcher at the centre of the platform and their weight must be kept as evenly distributed as possible.
- Patients must not sit at either end of the stretcher as this may result in tipping.
- Once the patient has mounted the stretcher the stretcher should be manoeuvred as little as possible; take care to avoid uneven floors, door thresholds and lift thresholds.
- Extreme care should be taken when attempting to raise or lower the backrest and assistance should be sought to take the weight of the backrest when released.
- Extreme care should be taken when tilting the platform head down and assistance should be sought to take the weight of the platform when released.

WARNING: Exceeding the maximum specified patient weight limit could result in failure of the stretcher and injury to the patient and/or user.

23. Pressure Care Mattress

The mattress is fixed to the patient platform with touch fasteners; this enables the mattress to be removed from the stretcher for cleaning and replacement. The mattress cover is fitted with a zip so the mattress foam can be visually inspected.

⚠	**WARNING:** Incompatible mattresses can create hazards; only replace the mattress with a new mattress supplied by Anetic Aid, or your authorised dealer, to ensure compatibility in accordance with BS EN 60601-2-52:2010.

Pressure Care Mattress Specification	
Basics	Latex free and x-ray translucent.
Foam Base Layer	Polyether polyurethane foam, density 48 to 52kg/m², nominal hardness 210N – 250N.
Foam Top Layer	Viscoelastic temperature sensitive foam, density 58 to 62kg/m², nominal hardness 70N – 100N.
Fabric Cover	Polyurethane coated nylon/polyamide/polyester which is; breathable, anti-microbial, chlorine resistant (<1%, 10,000 ppm) and waterproof (to 2000mm).
Touch Fastener	Polyamide with high strength adhesive.
Fabric Cover Seams	High frequency welded seams which are fully sealed and high strength.
Fire Safety	Compliant to Fire Crib Test 5 BS7177:2008 for medium hazard.
Life Expectancy	The mattress life expectancy is 4 years. Dependent upon the level of care and maintenance the pressure care properties of this mattress may reduce once the life expectancy has been exceeded.
Warranty	The mattress is guaranteed against defects found in material or workmanship for a period of 12 months from the date of invoice.
Judith Waterlow Score	The mattress is rated as medium to high risk and suitable for the majority of patients up to 23 hours. It is important to remain aware of individual patient needs, and standard nursing practices must always apply for patients immobile or at high risk of pressure sores.

NOTE:	The mattress parts should be visually inspected for damage on a daily basis. If the outer mattress fabric is torn, then fluids may penetrate and the mattress should be replaced. Do not attempt to repair tears or splits with self-adhesive tapes.
⚠	**CAUTION:** Ensure that the mattress is correctly orientated on the patient platform with the touch fastener of the mattress aligning with the touch fastener on the patient platform.
⚠	**CAUTION:** Ensure that the mattress is centrally positioned across the width of the patient platform otherwise it may prevent the side rail from locking when raised.

24. Fitting a Replacement Mattress Cover

NOTE:	When fitting a new mattress to the stretcher the touch fastener on the patient platform must also be replaced.

- Remove and discard the old mattress cover; take note of the foam orientation as you remove the cover.
- Inspect the foam for contamination to ensure it is fit for use.

⚠	**CAUTION:** If the foam is contaminated, it must be replaced.

- Unzip and open out the replacement mattress cover.
- Insert the foam into the replacement cover ensuring it is orientated correctly.
- As you begin to pull the zip slider, draw together both sides of the zip to minimise any strain on the mattress cover; be careful not to snag the mattress cover, or the foam stockinet cover, in the zip slider.

CAUTION: If the above action is not observed both the mattress seams, and the zip, will be overly stressed and could fail.

- Continue to draw together both sides of the zip as you pull the zip slider, working your way around the mattress in small sections.
- When the cover is completely zipped up, manipulate the cover to sit evenly on the foam, using the seams of the mattress cover as a reference.
- Make sure the zip cover flap is folded down protecting the zip.

25. Cleaning and Disinfecting

It is recommended that only CE marked cleaning products are used in the cleaning of the stretcher and the mattress. Cleaning and Disinfection should be carried out by hand only.

Clean the stretcher and mattress with warm water and neutral detergent and dry the surfaces thoroughly using a soft cloth. Suitable disinfectants are: quaternary ammonium compounds, isopropyl alcohol & chlorine bleach up to 1% (10,000 ppm). Apply disinfectant by cloth, spray or disinfectant wipe. Following disinfection, wash off all surfaces with clean warm water and dry thoroughly using a soft cloth. Clean all touch fastener attachments periodically with a soft brush, neutral detergent and suitable disinfectant as listed. The product will be adversely affected and its life expectancy reduced if the above cautions are not observed.

CAUTION:

- Do not steam clean or jet wash this device.
- Do not soak or immerse this device.
- Do not use concentrated bleaching disinfectant solutions, organic solvent or abrasive powders in the cleaning or disinfection of this product.
- Dilute all disinfectants in accordance with the manufacturer's guidelines.
- Disinfectant products are corrosive in nature; failure to properly wash and dry the product surface could leave a corrosive residue which may cause damage to the product.
- Ensure the mattress is thoroughly dried before refitting.

26. Product Warranty

The product, when new, is guaranteed to be free from defects in materials and workmanship and to perform in accordance with the manufacturer's specification for a period of one year from the date of invoice from Anetic Aid or their approved distributor. Anetic Aid will repair or replace, at their discretion, any components found to be defective or at variance with the manufacturer's specification within this time at no cost to the purchaser.

AneticCare Protect your investment with a manufacturer backed service and maintenance package; contact Anetic Aid for more details.

Warranty exclusions; the warranty does not provide cover for breakage or failure due to tampering, misuse, neglect, accidents, modifications or shipping. The warranty is also void if the product is not used in accordance with the manufacturer's instructions or is repaired during the warranty period by any persons other than Anetic Aid or its appointed agent. No other expressed or implied warranty is given.

Extended warranty; the warranty may be extended from the date of purchase, if the product is maintained by Anetic Aid or its appointed distributor, commencing at the end of the initial one year warranty period (quotations available upon request). Extended warranty limitations; the extended warranty does not cover pressure care mattresses or ancillary equipment (12 month warranty only applies).

For warranty, service and calibration, please contact Anetic Aid or their appointed distributor.

27. Product Maintenance

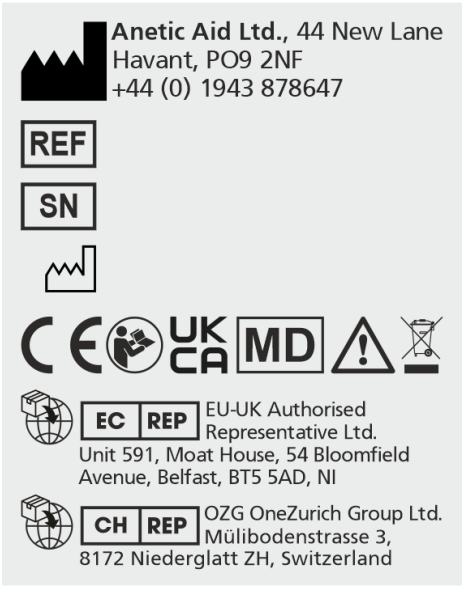
The life expectancy of a QA3 Patient or Emergency stretcher is 10 years from date of introduction to clinical use, dependent on the level of care and maintenance. The performance of this device may reduce once the life expectancy has been reached and exceeded. It is recommended that the stretcher is serviced on an annual basis in accordance with the manufacturer's service schedule.

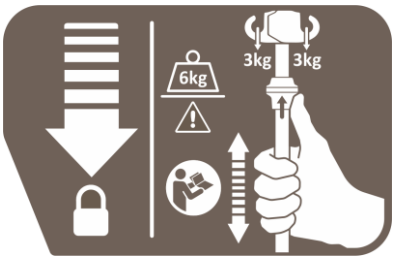
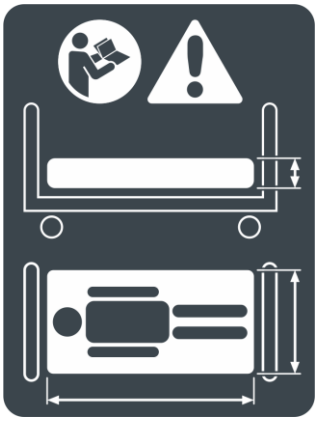
Before use, ensure all stretcher functions operate to their full range of movement and that all components disengage, re-engage and lock correctly. Also visually inspect the stretcher for any loose or damaged parts, foreign bodies caught in the castors and hydraulic fluid leakage.

NOTE:	If the stretcher is damaged or faulty it **must** be taken out of use with immediate effect and the fault reported to Anetic Aid, your authorised dealer or maintenance department. The stretcher **must not** be used until the damage or fault has been repaired.
⚠	**CAUTION:** In line with the MHRA document, Managing Medical Devices, maintenance work should only be conducted by suitably trained personnel following manufacturer's guidelines.

28. Label Identification

The following list is a description of all the labels used on the stretcher;

Serial number label.	
Maximum patient weight limit is 320kg (705.5lbs), and the stretcher safe working load is 320kg (705.5lbs).	

Lift the side rail release lever to lower the side rail.	
The IV pole must be fully inserted into the mounting socket to be locked into the vertical position. The maximum weight per hook is 3kg (6.6lbs) and the safe working load for the IV pole is 6kg (13.2lbs).	
Depress the raise and lower pedal to raise the trolley, lift the raise and lower pedal to lower the trolley.	
Depress the brake pedal to brake all four castors.	
Depress the steering pedal to engage the 5th wheel steering function.	
Pump the raise and lower pedal to raise the patient platform, lift the raise and lower pedal to lower the patient platform.	
Pull up on the Trendelenburg actuation lever to adjust the patient platform angle.	
Incompatible mattress can create a hazard.	

Indicates ‘do not store’ items here.	
Mattress screen print.	
Mattress label.	
User interface.	
DRIVE branding.	
QA3 Patient Stretcher branding label.	
QA3 Emergency Stretcher branding label.	

Quick Start Guide for ////DRIVE ASSIST

Innovative medical technology – practically applied

AneticAid

This 'Quick Start Guide' is designed to help you use the ////DRIVE assist function in nine simple steps. However, it is advisable to read the full 'Instructions for Use' thoroughly before operating the trolley.

1		Engage the ////DRIVE wheel; see section 10 of the 'Instructions for Use'.
2		Press the ON/OFF button; a short beep will sound. Do not touch the ////DRIVE handles immediately after pressing the ON/OFF button.
3		The ON/OFF light will flash green for 1-3 seconds as ////DRIVE calibrates. The ON/OFF light will turn solid green when calibration is successful, and a short beep will sound. ////DRIVE is now active.
4		Disengage the brakes; see section 9 of the 'Instructions for Use'.
5		**Driving:** Push positively on the ////DRIVE handles and the trolley will begin to move forwards. Push harder and the trolley will move more quickly. Pull back on the ////DRIVE handles to slow, stop, or reverse, the trolley.
6		**Driving up a slope:** Push the ////DRIVE handles fully forward, and walk at the pace of the trolley. Pushing harder will result in unnecessary physical exertion, and the speed of travel will not be increased.
7		**Driving down a slope:** As you approach a downhill slope, pull back gently on the ////DRIVE handles to decrease the trolley speed. As you walk down the slope, continue to pull back gently on the ////DRIVE handles to descend the slope under control.
8		After 3 minutes of inactivity, the ////DRIVE handles will deactivate; this is indicated by 3 rapid pulses of the ON/OFF light. The ////DRIVE handles are reactivated by a short press of the ON/OFF button. After 30 minutes of inactivity, the system will switch off.
9		If at any stage, one or more of the amber lights come on, refer to full 'Instructions for Use'.

QA3™

Patient Stretcher System

Do not lift by brake pedals or top, lift from steel base frame only.

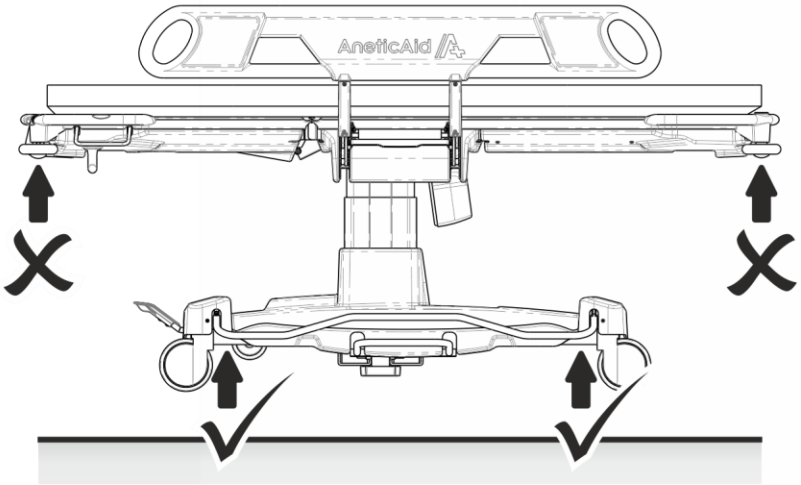
No lo levante sujetándolo por los pedales de freno ni por la parte superior, levántelo únicamente sujetándolo por la base de acero.

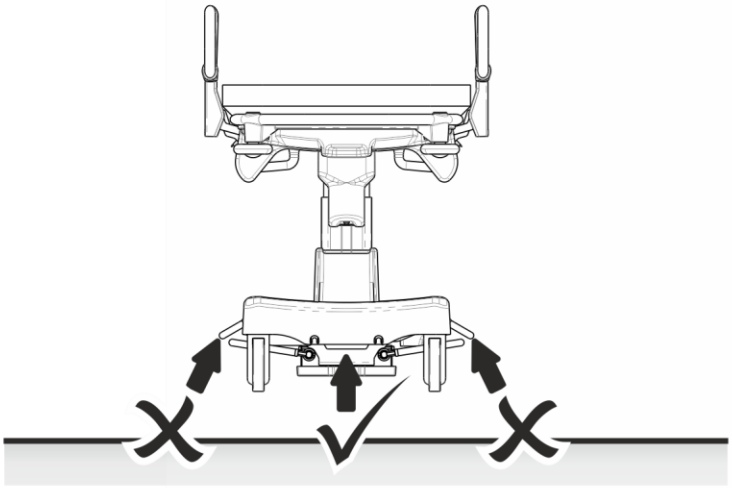
Fren pedallarindan veya en üst kisimdan kaldirmayin, yalnızca çelik taban çerçevesinden kaldırın.

Ne pas soulever avec les pedales de frein ou par le haut, ne soulever que par le cadre en acier.

Nicht an den bremspedalen oder am oberteil anheben, nur am stahlgestell anheben.

لا تحمل النقالة من مقابض الكوابح أو من الأعلى
ارفع النقالة من إطار القاعدة المعدنية فقط





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Document No. 992013. Issue 1 – 15/02/24