QA4™

Mobile Surgery System

Instructions for Use

Code 21310 - QA4™ Mobile Surgery System

AneticAid

Document No. 992008. Issue 20 – 24.10.22

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Product Specifications

1. Introduction

These instructions are intended to assist you with the operation of the QA4™ Mobile Surgery System. It is important that that these instructions are read thoroughly before using the equipment.

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

NOTE:	If the trolley 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 trolley **must not** be used until the damage or fault has been repaired.

1.1. Warnings and Cautions

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 trolley.

1.2. Intended Use, Contraindications

This product is intended for use within a clinical environment for the induction, transport, treatment and recovery of patients.

CONTRAINDICATIONS:

- The trolley is not compatible with hospital bed/trolley washers.
- The trolley must not be used near magnetic resonance imaging (MRI) machines, or any machines generating a large magnetic field.
- Do not use the trolley for transporting patients in a moving vehicle.
- The trolley has very low ground clearance beneath the central column that may cause problems when traversing uneven ground and inclines.
- The trolley should not be used outside; it may be damaged by pushing it across rough or uneven ground.

1.3. 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 Medical Devices Directive 93/42/EEC 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

1.4. Serial Number Label

The serial number label is located on the cover moulding beneath the patient platform.

1.5. Putting the Trolley into Service

Care should be taken when removing packaging, avoid the use of sharp implements wherever possible.

It is important that the trolley is working properly and cleaned and disinfected before it is put into service. Use this manual to check all the functions and refer to Section 16, 'Cleaning and Disinfecting the Trolley'.

The trolley should only be used, for its intended use, by suitably trained personnel who have familiarised themselves with the functions of the trolley. 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.

1.6. Abridged Summary of Warnings and 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 trolley. It is important that the user familiarise themselves with all of the warnings and cautions contained within this document.

CAUTIONS:

- Ensure that there is no equipment stored in the base of the trolley before lowering the patient platform.
- Applying the steering pedal with excessive force, i.e. by standing on it, may cause permanent damage to the mechanism.
- When the patient is positioned over the perineal cut out the patient weight is offset towards the foot end of the trolley and the patient platform is no longer evenly balanced. Extra effort will be required to tilt the trolley top into a head down position.
- The siderail should be returned to the mid-section of the trolley during patient recovery.
- 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.
- 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.
- 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.
- 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.
- In line with the MHRA document, Managing Medical Devices, maintenance work should only be conducted by suitably trained personnel following manufacturer's guidelines.

WARNINGS:

- 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.
- When the head section is fitted on to the trolley, ensure that the head section is fully engaged and securely locked in position.
- Ensure that the leg section is fully engaged and securely locked in position.
- Ensure that any persons responsible for removing the leg section adopt good posture and stance, in accordance with the relevant 'Moving and Handling' policies, to prevent injury to the user.
- Failure to secure the siderail to the side bar using the locking clamp could result in injury to the patient.
- Exceeding any of the maximum specified weight limits could result in failure of the trolley and injury to the patient and staff.
- 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.

2. Product Specifications

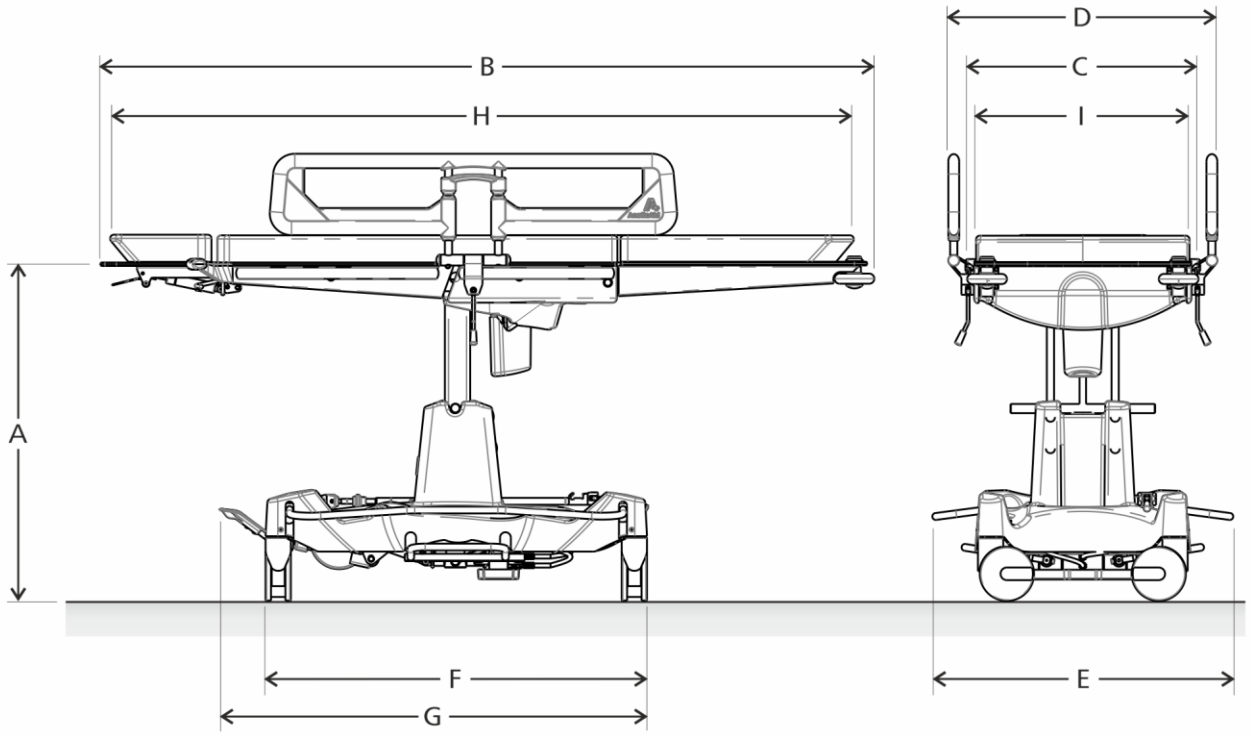


Fig. 1

Key to Fig. 1:		
Trolley Dimensions and Weight:		
A	Minimum trolley height	575mm (22.6”)
	Maximum trolley height	935mm (36.8”)
	NOTE: Height is measured from the floor to the patient platform and does not include the mattress.	
B	Trolley length	2100mm (82.7”)
C	Trolley width to the outside of the side bar	655mm (25.8”)
D	Trolley width to the outside of the siderails	770mm (30.3”)
E	Brake width with brakes off	835mm (32.9”)
F	Base length	1055mm (41.5”)
G	Base length including 5th wheel	1182mm (46.5”)
	Castor Diameter	150mm (6.0”)
	Trolley Weight	127kg (280lb)
Mattress Dimensions:		
H	Mattress length	2040mm (80.0”)
I	Mattress width	600mm (23.6”)
	Mattress depth	75mm (3.0”)
	NOTE: Refer to Section 22, ‘K8 Pressure Care Mattress’, for full specification details.	
Trendelenburg Range of Movement:		
	Trendelenburg	20°
	Reverse Trendelenburg	12°
Backrest and Head Section Range of Movement:		
	Backrest Articulation	0 - 80°
	Head Section Articulation	+25/-30°

Product Specifications

Patient Weight Limits:		
	Trolley	160kg (353lb)
	Head Section	25kg (55lb)
	Leg Section	50kg (110lb)
	Safe Working Load (SWL)	200kg (441lb)
	NOTE: The trolley can be used in all positions with the maximum patient weight specified.	
Standard Lightweight Leg Section:		
	Weight	6kg (13.2lb)
	Articulation range	N/A
Articulating Leg Section (optional):		
	Weight	11kg (24lb)
	Articulation range	0 – 45°

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

3. Product Functions

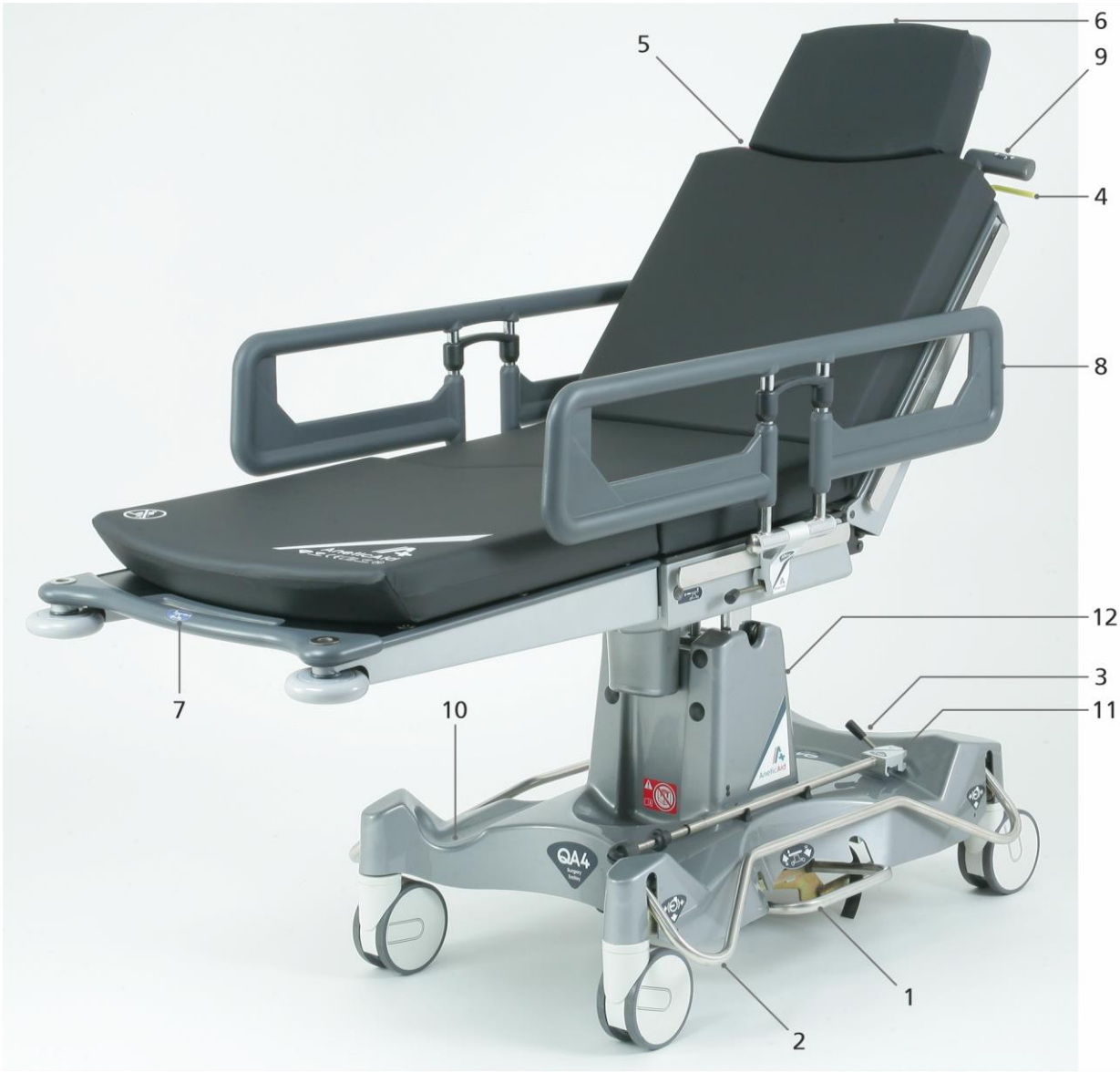


Fig. 2

Key to Fig. 2	
1.	Raise & Lower Pedals
2.	Brake Pedals
3.	Steering Pedal
4.	Backrest Actuation Lever
5.	Trendelenburg Actuation Lever
6.	Head Section Tilt Actuation Lever
7.	Removable Leg Section
8.	Single Piece Siderail
9.	Pushing Handles
10.	Oxygen Cylinder Mounting Trough (accommodates E & CD size's)
11.	Transfusion Pole
12.	'V' Mounting for Suction Canister

4. Using the Height Adjustment

The height of the patient platform is adjusted by using either of the 'raise and lower pedals' (item 1, fig. 2). Pumping either pedal will raise the patient platform, lifting either pedal will lower the patient platform.

CAUTION: Ensure that there is no equipment stored in the base of the trolley before lowering the patient platform.

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.

4.1 Pump Bleeding Instructions

If the trolley will not ascend, or excessive pumping is required to raise the trolley to its maximum height, the trolley pump may need bleeding to remove a build-up of air. To bleed the pump it may be necessary to repeat these procedures up to three times to fully bleed the pump.

Priming:	Cycling:
– Two People will be required as both the raise & lower pedals need to be operated simultaneously. – One person lifts either of the raise & lower pedals & holds it in this position while the second person pumps the other raise & Lower pedal for 20 strokes. Switch Sides and repeat this procedure.	– Pump either of the 'Raise & Lower' pedals to position the top as high as it will go & continue to pump for a further 10 strokes. – Fully lower the trolley and repeat on the same side. Switch sides and repeat the procedure.

5. Using the Brakes

All four castors are braked simultaneously by depressing either of the brake pedals (item 2, fig. 2) at any point along the length of the pedal. The brakes are disengaged by lifting either pedal.

6. Using the Steering Pedal

The trolley can be manoeuvred more easily by engaging the 5th wheel steering mechanism (item 3, fig. 2). The mechanism is engaged, and disengaged, by pressing down on the steering pedal. To move the trolley 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 Backrest Function

The backrest is moved up or down by pulling up on the backrest actuation lever (item 4, fig. 2) whilst keeping a firm grip on the pushing handle (item 9, fig. 2) 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 and the backrest articulated up.

8. 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 (item 5, fig. 2) whilst maintaining a firm grip on the pushing handles (item 9, fig. 2) to control the movement.

CAUTION: When the patient is positioned over the perineal cut out the patient weight is offset towards the foot end of the trolley and the patient platform is no longer evenly balanced. Extra effort will be required to tilt the trolley top into a head down position.

9. Using the Head Section

The head section can be detached from the trolley to improve surgical/anaesthetic access, and to allow other head section options to be fitted; see Section 20. 'Product Accessories'.

Removing the head section, prior to administering anaesthetic, reduces the length of the backrest, and the need to reposition the patient in theatre. Removing the head section also gives greater access to the patient from the head end for theatre staff.

The head section is articulated by pulling up on the head section tilt actuation lever (item 6, fig. 2). To remove the head section, lift the release handle, then lower and remove the head section from the support bracket; as illustrated in fig. 3 and fig. 4.

WARNING: When the head section is fitted on to the trolley, ensure that the head section is fully engaged and securely locked in position.

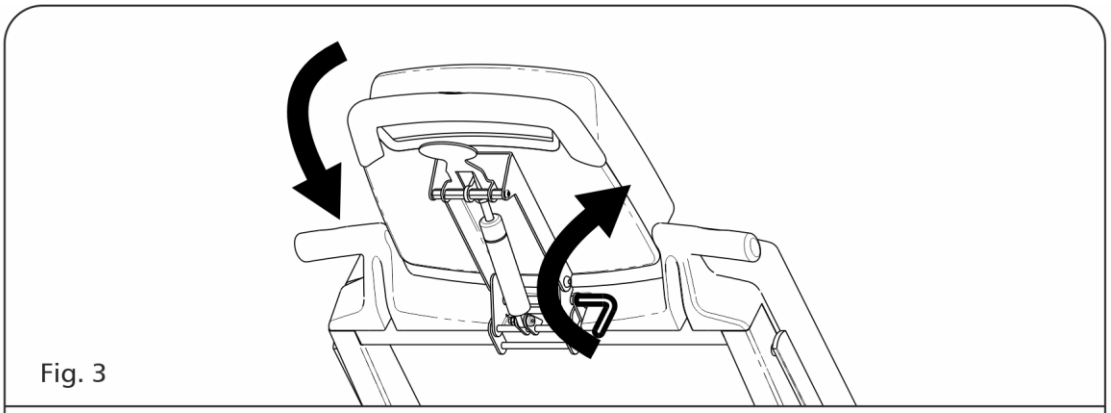


Fig. 3

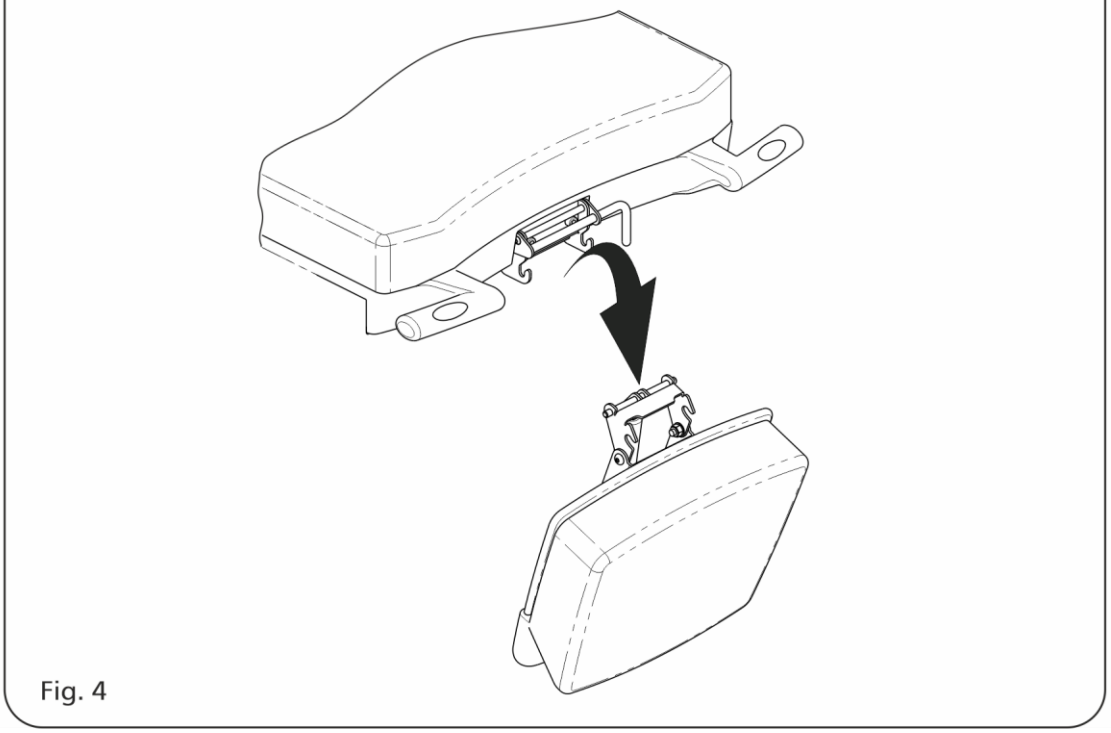


Fig. 4

10. Using the Leg Section

The trolley is fitted as standard with a non-articulating lightweight leg section. If the trolley is fitted with an articulating leg section refer to Section 21.

To remove the leg section, depress each button in turn located one on each side of the trolley, and remove the leg section; see fig. 5. To replace the leg section, align the spigots of the leg section into the mating female sockets on the trolley, and push home firmly until the leg section is fully engaged; see fig. 6.

⚠ **WARNING:** Ensure that the leg section is fully engaged and securely locked in position.

⚠ **WARNING:** Ensure that any persons responsible for removing the leg section adopt good posture and stance, in accordance with the relevant 'Moving and Handling' policies, to prevent injury to the user.

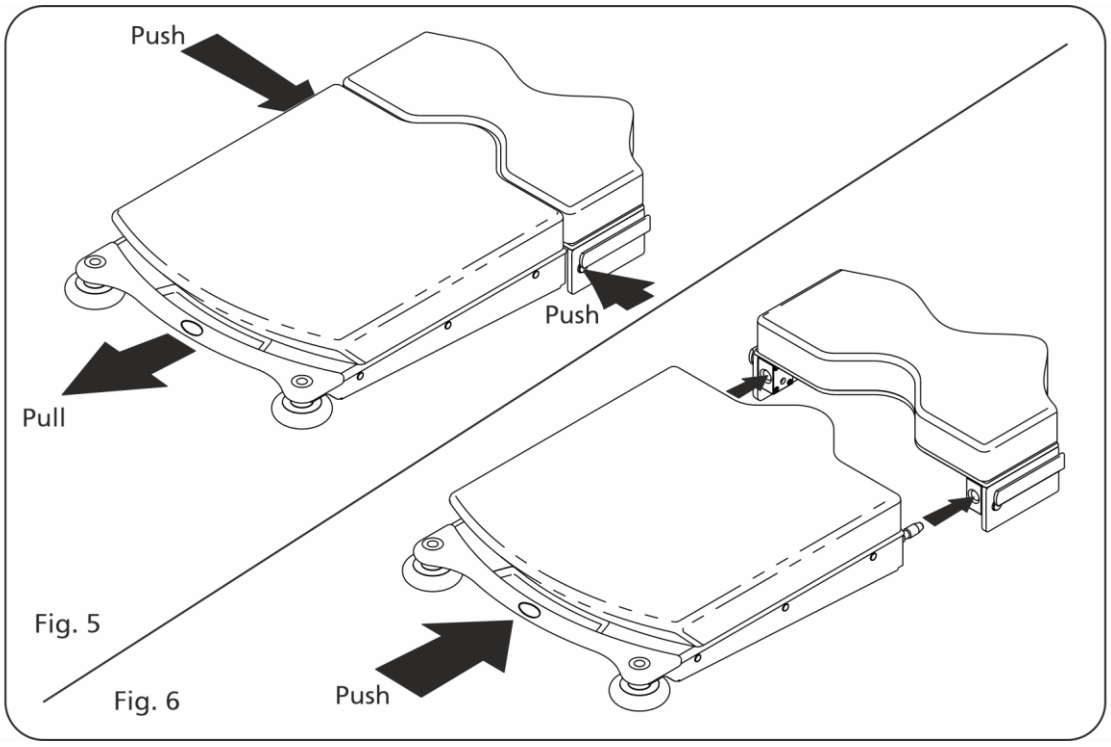


Fig. 5

Fig. 6

11. Using the Single Piece Siderail

The trolley is supplied with two single piece siderails that attach directly onto the side bar.

NOTE:

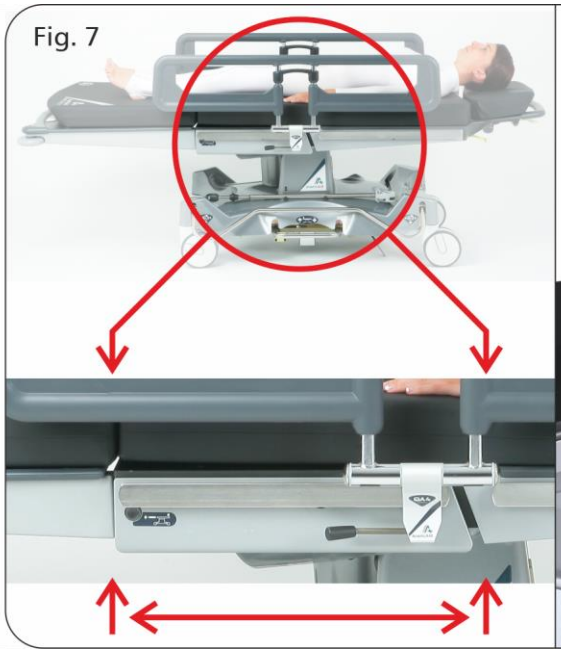
The siderails are intended to be located on the mid-section of the trolley for two reasons;

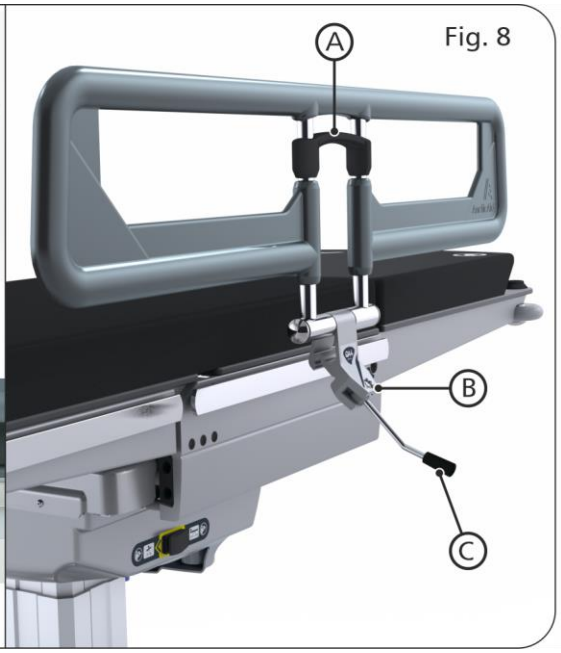
- Firstly, with the siderails on the mid-section the patient coverage is adequate for both the upper and lower torso with the backrest either horizontal or articulated; see fig 7.
- Secondly, the backrest gas springs are designed to balance the weight of the patient and backrest. Attaching the siderails to the backrest adds additional weight making the backrest heavier, thereby requiring greater physical effort to lift the backrest.

⚠ **CAUTION:** The siderail should be returned to the mid-section of the trolley during patient recovery.

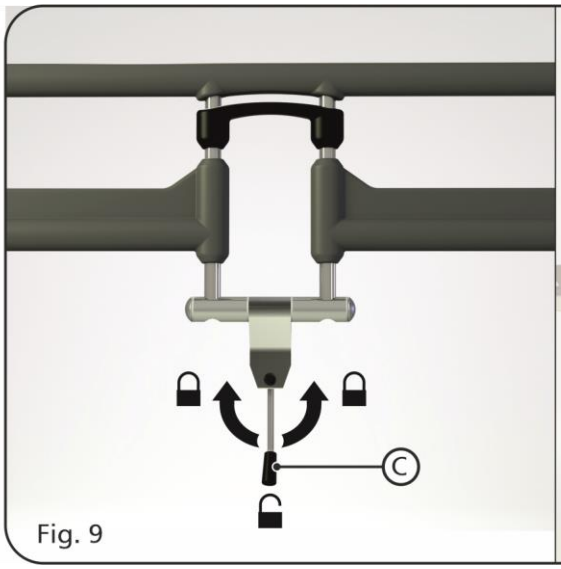
⚠ **WARNING:** Failure to secure the siderail to the side bar using the locking clamp could result in injury to the patient.

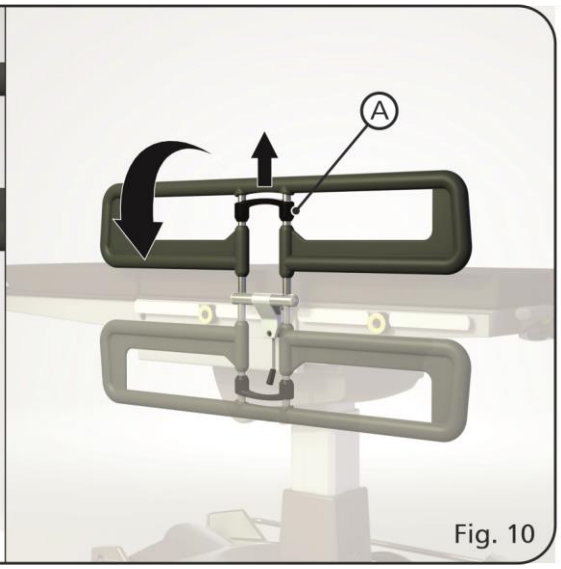
To attach the siderail (fig. 8); holding the siderail vertically, pull up on the siderail release handle (A); this will allow the locking clamp (B) to articulate. Holding the locking lever (C), position the clamp (B) onto the siderail, and rotate the locking lever (C) clockwise, or anticlockwise, to lock the siderail in position (fig. 9). Reverse this technique to remove the siderail.





The siderail can be rotated down whilst still attached to the trolley. With the siderail still secured to the trolley, pull up on the release handle (A) as indicated in fig. 10 and rotate the cotside away from the trolley into the down position.





12. Using the Transfusion Pole

The trolley is fitted with a loose transfusion pole (item 11, fig. 2) that can be fitted at any point along the side bar and secured using the locking lever.

To adjust the height of the transfusion pole, as illustrated in fig. 11. Grasp the locking mechanism (A) and using your thumb, lift the mechanism to release the lock and move the pole up or down to the required height (B); release the mechanism to lock the pole in any position. 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 (C) 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 safe working load for the IV pole is 6kg (13.2lbs).

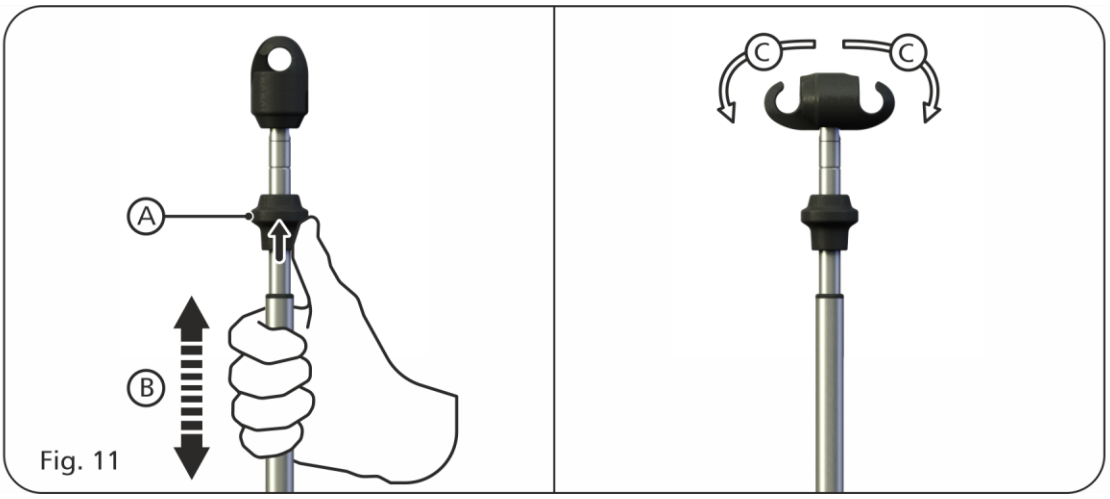


Fig. 11

13. 'C' Arm Accessibility

The mattress and patient platform are made from x-ray translucent materials. The areas, and dimensions, of 'C' arm access are illustrated in fig. 12.

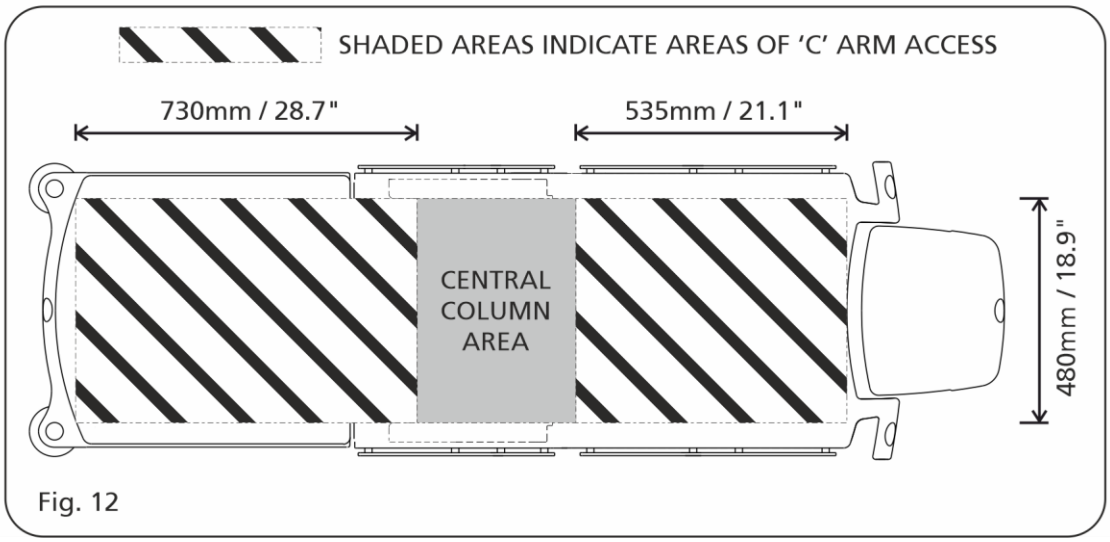


Fig. 12

14. Patient Weight Limits

The trolley is designed to accommodate a maximum patient weight of 160kg (353lb), and a safe working load (SWL) of 200kg (441lb). Patients should mount the trolley at the centre of the patient platform and their weight kept as evenly distributed as possible whilst on the trolley.

Note that all the removable head sections are designed to take a maximum weight of 25kg (55lb), and the removable leg section is designed to take a maximum weight of 50kg (110lb).

NOTE:	The safe working load (SWL) is the sum of the maximum patient weight, the weight of any accessories attached to the trolley and the weight of the items on or attached to those accessories.
⚠	**WARNING:** Exceeding any of the maximum specified weight limits could result in failure of the trolley and injury to the patient and staff.

15. K8 Pressure Care Mattress

The mattress is fixed to the patient platform with touch fastener; this enables the mattress to be removed from the trolley for cleaning and replacement.

NOTES:	When fitting a new mattress to the trolley the touch fastener on the patient platform must also be replaced.
	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.
⚠	**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.
⚠	**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.

K8 Pressure Care Mattress Specification	
	Latex free
	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
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 to pressure sores

16. Fitting a Replacement Mattress Cover

- 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.

17. Cleaning and Disinfecting

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

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.

Clean the trolley 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; refer to the table below. 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 stated. The product will be adversely affected and its life expectancy reduced if the above cautions are not observed.

Compound	% Active	pH Range	Dwell Time
Chlorine	<10,000ppm (1%)	7-9	≤10 mins.
Chlorine is suitable, ensure the surfaces are rinsed and thoroughly dried as instructed.			
Alcohol	70 (typical)	N/A	≤10 mins
Alcohol is suitable, subject to the following precaution; the surfaces must be rinsed and thoroughly dried as instructed (if not the PU coating may swell and be vulnerable to damage).			
Hydrogen Peroxide	3-25%	5-9	≤5 mins.
Hydrogen Peroxide is conditionally suitable; the compound must be fully neutralized, and the surfaces must be rinsed and thoroughly dried as instructed. Highly alkaline peroxide pH≥10 is not suitable.			
Quaternary Ammonium	3-15%	7-13	Varies
Quaternary Ammonium is conditionally suitable; the surfaces must be rinsed and thoroughly dried as instructed. Quaternary Ammonium's are typically too alkaline, those with a pH≥10 are not suitable. **Do not use** QUAT wipes containing sodium hydroxide.			

18. 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.

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 applied).

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

19. Product Maintenance

The life expectancy of a QA4 Surgery Trolley is 10 years from date of introduction to clinical use, dependant 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 trolley is serviced on an annual basis in accordance with the manufacturer's service schedule, and that the battery is replaced every 3 years.

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

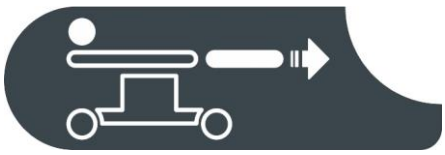
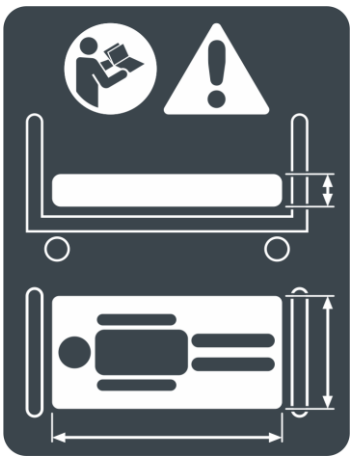
NOTE:	If the trolley is damaged or faulty it **must** be taken out of use with immediate effect and the fault reported to Anetic Aid, your authorised dealer or maintenance department. The trolley **must not** be used until the damage or fault has been repaired.
⚠	**CAUTION:** In line with the MHRA document,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

20. Label Identification

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

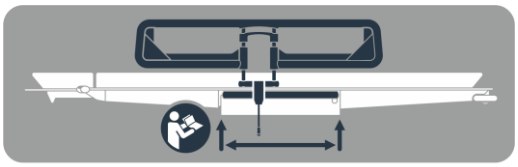
Product reference, serial number and date of manufacture.

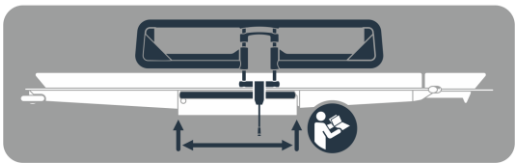
Maximum patient weight limit is 160kg (353lbs) and the trolley safe working load is 200kg (441lbs). The maximum load for the head section is 25kg (55lbs) and the maximum load for the leg section is 50kg (110lbs).

Depress the brake pedal to brake all four castors.	
Depress the steering pedal to engage and disengage 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 platform.	
Pull up on the backrest actuation lever to adjust the backrest angle.	
Pull up on the Trendelenburg actuation lever to adjust the patient platform angle.	
Pull up on the head section tilt actuation lever to articulate the head section.	
Indicates that the leg section is removable.	
Depress both leg section release buttons, in turn, to remove the leg section.	
Incompatible mattress can create a hazard.	

Indicates ‘do not store’ items here.

Labels to indicate that the manufacturer recommends the siderails be positioned on the mid-section side bar.





Mattress batch label.

Branding label.

The screen printed Anetic Aid brand logo with multiple information symbols; ‘K8 Pressure Care’ technology, CE marked, refer to the instructions for use, mattress is x-ray translucent, latex free, and compliant to Fire Crib Test 5 BS7177.

21. Product Accessories

Code	Description
QA4 Surgery Trolley System	
21300	QA4™ Powered Mobile Surgery System - with K8 Pressure Care Mattress
21310	QA4™ Mobile Surgery System - with K8 Pressure Care Mattress
Optional Accessories	
21325	QA4 Build Option - Headrest - Dual-articulating Head Positioner - with Shaped Cushion and Neck Plate Pad
21322	QA4 Headrest - Full Width Articulating - with K8 Pressure Care Mattress
21347	QA4 Side Rail Cover - PADDED - for Single-piece Side Rail - GREY Material - PAIR
21348	QA4 Side Rail Cover - PADDED - for Single-piece Side Rail - CHILD PRINT Material - PAIR
21356	QA4 Leg Section - Standard Light Weight
21357	QA4 Leg Section - Standard Light Weight - with Full Length UK Side Bar
21357E	QA4 Leg Section - Standard Light Weight - with Full Length EU Side Bar
21357US	QA4 Leg Section - Standard Light Weight - with Full Length US Side Bar
21355	QA4 Leg Section - Articulating
21353	QA4 Leg Section - Articulating - with 105mm UK Side Bar
21354	QA4 Leg Section - Articulating - with 105mm EU Side Bar
21354-US	QA4 Leg Section - Articulating - with 105mm US Side Bar
21365	QA4 Accessory - Oxygen Delivery Bar & Drape Screen
21390	QA3 / QA4 Accessory - Push / Pull Bar
21395	QA3 / QA4 Accessory - Foot-end Extension - with 30mm Deep Mattress
21397-EU	Urology / Retrograde Pyelography / Gynaecology Extension - with EU Side Bar
21397-UK	Urology / Retrograde Pyelography / Gynaecology Extension - with UK Side Bar
21397-US	Urology / Retrograde Pyelography / Gynaecology Extension - with US Side Bar
21370	Operation Table Accessories Stand - Mobile
21360H	QA4 Mattress - for Standard Head Section - K8 Pressure Care
21360B	QA4 Mattress - for Upper & Lower Torso Section - K8 Pressure Care
21360L	QA4 Mattress - for Leg Sections - K8 Pressure Care

22. Using the Optional Articulating Leg Section (see build options)

The articulating leg section is an optional accessory for this trolley. To articulate the leg section, pull up on the leg frame lever and push down on the board. To remove the leg section refer to Section 10.

NOTES:	With the articulating leg section the leg section should be articulated down to the maximum angle before being removed. This shortens the distance between the end of the leg section and the mounting sockets. This does two things; one, it provides better access to the release buttons, and two, it reduces the distance that the user has to reach to support the weight of the articulating leg section.
	When replacing the articulating leg section pull the actuation handle to operate the gas struts and allow the location spigots to achieve a horizontal position.
⚠	**CAUTION:** With the leg section articulated down caution must be exercised when tilting the trolley leg down, i.e. into a reverse Trendelenburg position.

24. Using the Optional Dual-articulating Head Positioner (see build options)

The trolley is designed to allow for various head section options to be fitted; refer to Section 9. 'Using the Head Section'. To remove a head section, lift the release handle fig.13 (C), then lower and remove the head section from the support bracket; this is illustrated in fig's. 3 and 4.

The head positioner articulates on 2 axes, (A) and (B). Pulling on lever (A) allows the head piece of the positioner to articulate on axis (A). Pulling on lever (B) allows the neck piece to articulate on axis (B); see fig. 13. Using the levers in combination the head positioner can be elevated up and in towards the body section mattress as shown in fig's. 14 and 15.

NOTE:	The maximum weight limit for the dual-articulating head section is 25kg.
⚠	**CAUTION:** When releasing the levers it is important to support the weight of the patients head. Failure to do so could result in injury to the patient.

Fig. 13

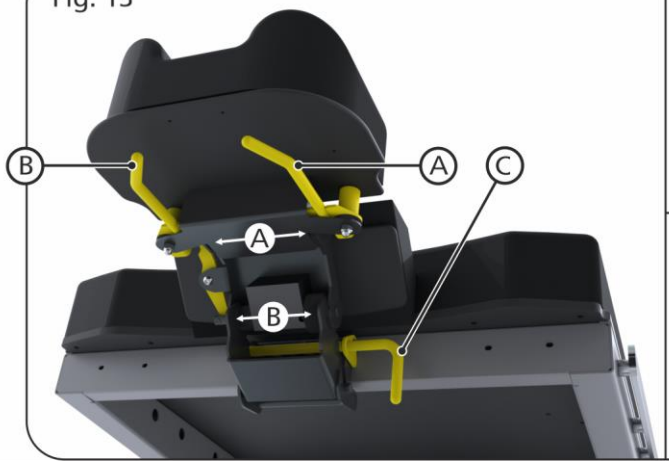


Fig. 14

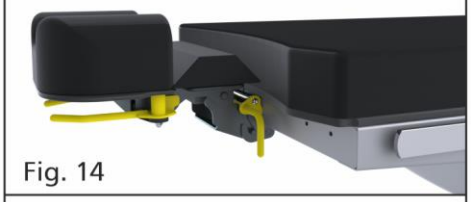
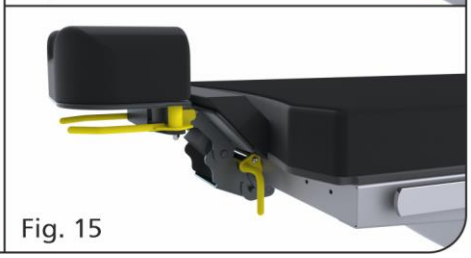
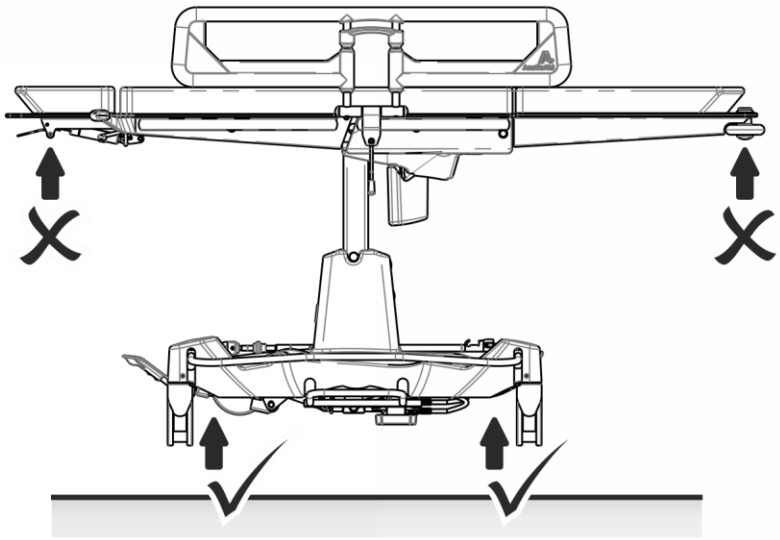


Fig. 15



QA4™

Mobile Surgery System



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

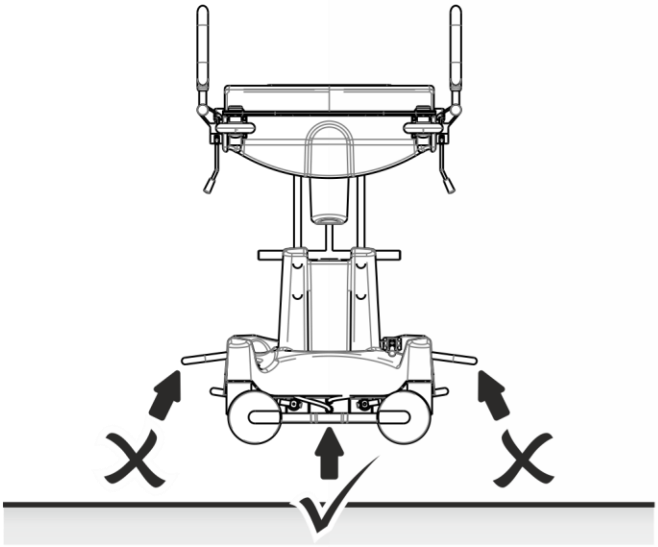
No lo levante sujetándolo por los pedales de freno ni por la parte superior, levántelo únicamente sujetándolo por la base de acero.

Fren pedallarindan veya en üst kisimdan kaldirmayiniz, 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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