

# Plinth | Medical



## Bariatric Gynaecology Couch

Model: 50G

# USER MANUAL

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Plinth Medical Ltd is an ISO Audited company to ISO9001:2008



Our products are CE marked in conformity with the EC Directive MDD 93/42/EEC

## 1. Introduction

Thank you for purchasing a product from Plinth Medical Ltd. We use the highest quality components and manufacturing techniques to ensure that our products are simple to use and will last a long time. It is recommended that all users read and retain this User Manual for reference.

Throughout this manual notice is made of a Warning and Caution system to highlight to the user practices, procedures or conditions that should either not be allowed to happen or happen with caution.

**Warnings are in a box with bold type and identify potential hazards, procedures or conditions which could result in death, injury or serious damage.**

Cautions are in a box with plain type and identify conditions or procedures where if caution is not taken it may result in damage or failure of equipment.

### General Warnings

#### **WARNING**

**Maximum Load (SWL) is 320kg distributed evenly.**

**Do not use flammable gasses in proximity to an electrically operated couch.**

**Do not concentrate weight on either side or either end of the couch.**

**Use only accessories approved for use with this couch.**

**Disconnect power supply before moving couch.**

**Children must be adequately supervised in the presence of the couch.**

**Do not allow children to play with the couch at any time.**

## 2. Installation

Although this couch comes complete and is virtually ready to use it is important to remove all packaging and read the following before use.

### Locking Castors

The castors can be locked from either side of the head end of the couch. Press the red side of the pedal to lock all the castors and the green side to unlock.

Please refer to the Operation section on page 7 for further details.

#### **WARNING**

**Castors must be locked before the couch is used and whilst patients get on or off the couch.**

**Care should be taken to ensure patients do not trip over any part of the couch when getting off.**

### Power Supply

Ensure that hand and foot switch leads are clear of the moving parts of the couch before operation. Connect the couch to a normal domestic type power supply observing the following notes.

#### **WARNING**

**Ensure that the mains lead, plug and socket are in good condition before connecting the equipment.**

**Ensure that the mains cable has a clear run and is not stretched when connected and that no one can fall over the cable.**

#### **CAUTION**

When couch is not in use switch off power supply.

### **Lifting and Moving**

Should the couch need to be moved or lifted (for example to remove it from its packaging) then a minimum of two people are required. The couch must only be lifted by the metal base frame near the wheels. If the couch is upside down then it may be carried by holding it underneath the upholstery. When turning the couch over, please make sure the frame and upholstery are supported at all times, otherwise damage may occur to the upholstery and gas springs.

#### **CAUTION**

Under no circumstances lift the couch by the upholstery or top sections as damage will occur to the gas spring mechanisms.

### 3. Operation

Plinth Medical offers 1 variant of the 50G Bariatric Gynaecology Couch. It features 3 motors operating height, tilt and back rest.

#### Electrical Operation General

##### **WARNING**

**Safely position patient before operating any functions.**

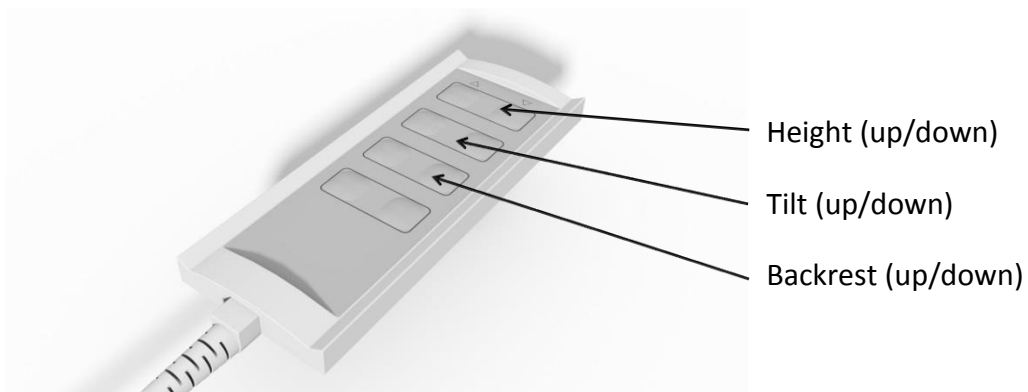
**Position the switch in a place where it is clear of the moving parts of the couch and where accidental operation is not possible.**

**Ensure that all electrical cables are clear of the moving parts of the couch.**

**When the couch is at the lowest height it is important to not tilt the chair as this will cause damage to the frame.**

#### Electrical Operation (hand)

Standard fitment to the Bariatric Gynaecology Couch is a hand control able to operate all electrical functions.

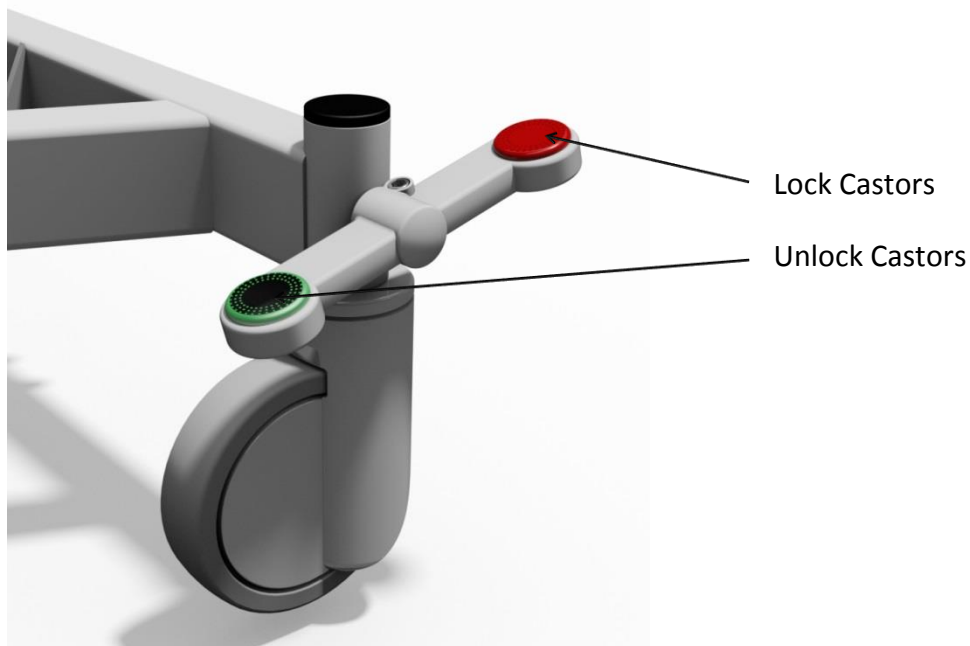


#### Electrical Operation (foot)

As an option this couch may be supplied with a foot switch to operate the electrical functions. It will operate in the same way as the hand switch but must be placed on the floor and operated by foot.

### **Castor Operation**

The castors fitted to this couch are 125mm locking swivel castors suitable for patient movement. They are locked via a central locking mechanism operated at either side of the head end. Press the red side of the pedal down fully to lock the castors and press the green side fully to release.



#### **WARNING**

**Castors must be locked before the couch is used and whilst patients get on or off.  
Disconnect and coil electrical leads and switch away from the couch mechanism  
prior to moving the couch.**

### **Armrest Operation**

The couch is supplied as standard with a pair of padded armrests/side supports designed to provide comfort, stability and support for the patient. These fold down to allow better patient access. They are operated as follows:



#### **To raise the arm**

from the down position; lift and rotate the arm towards you through a full 180°. When upright push the arm down into the plastic block until it is fully located.

#### **To lower the arm**

from the upright position; lift up in the plastic block and then rotate a full 180° into the down position.

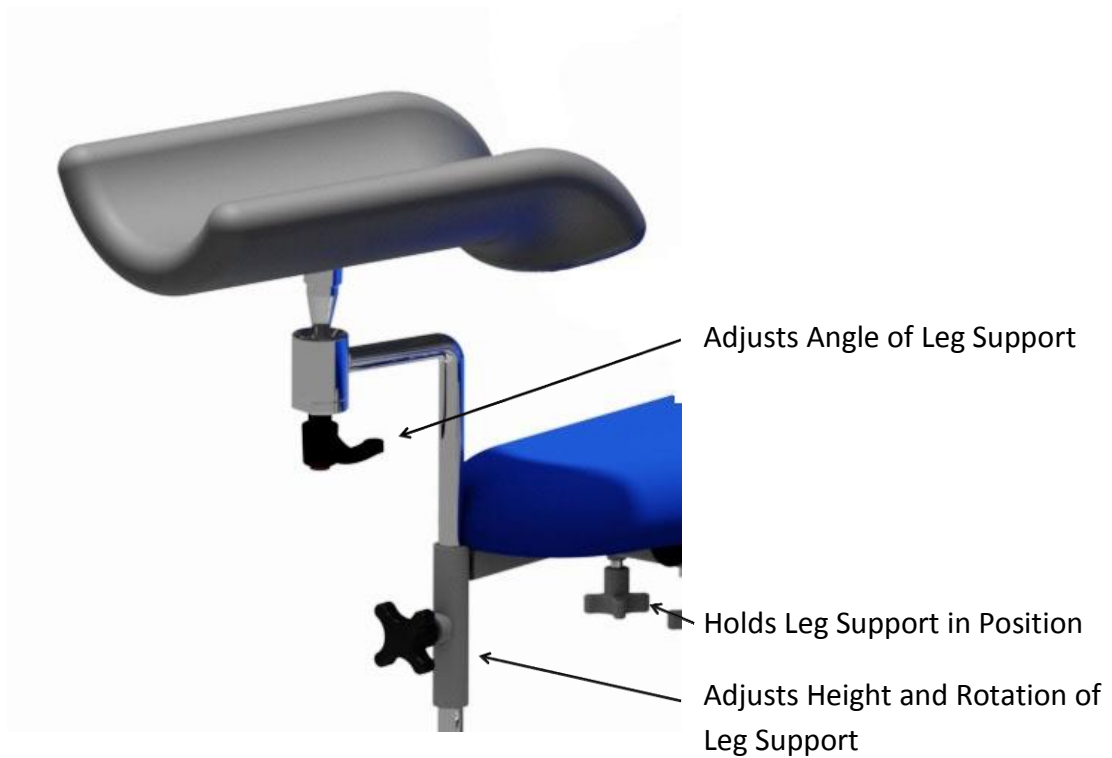
### **WARNING**

**The armrests must be properly engaged in the plastic block whilst in use.**



### **Leg Support Operation**

The couch is supplied as standard with a pair of adjustable leg supports. These are adjustable as follows:



#### **CAUTION**

The leg supports must be properly locked in position whilst in use.

## 4. Accessories Operation

The following accessories are included as standard equipment with the Bariatric Gynaecology Couch:

### Paper Roll Holder



Paper roll is replaced by removal of one or the other of the plastic knobs, sliding the bar partially through the leg of the holder and then fitting the tube over the bar. Re fit in the reverse order.

### Head Cushion

A removable head support cushion is supplied as standard and has an adjustable elastic strap to ensure a secure fixing. The position of the cushion may be adjusted by simply sliding it up and down the section. To remove simply slide off the end.



### **Battery Backup**

Battery backup is a useful option in case of power shortages. It allows at least one full cycle under battery power to enable the patient to get off the couch. If specified with the couch then this feature will remain automatically charged and ready for use in the event of a power failure.

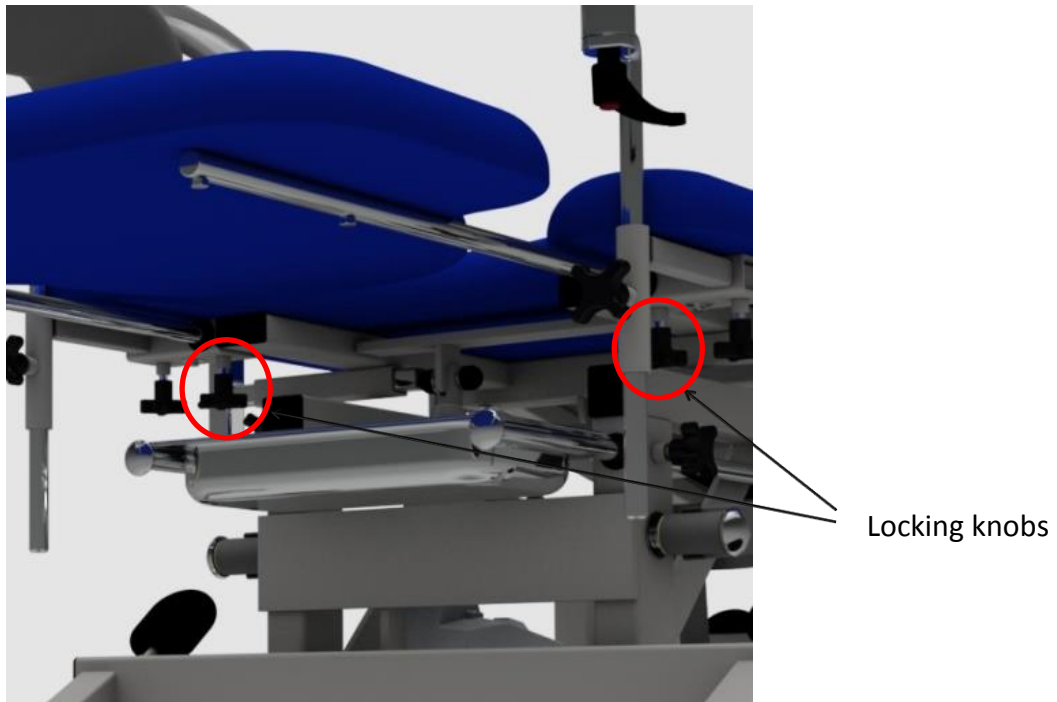
#### **CAUTION**

Do not use the battery to operate the couch other than for one cycle. This feature is designed to get a patient off the couch in an emergency and frequent use will destroy the battery.

Battery operation is available as an option if required.

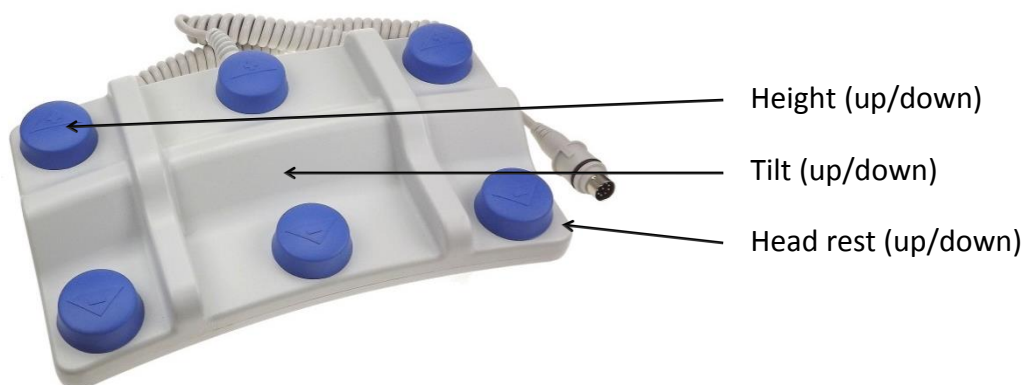
### **Seat Extension**

The optional removable seat extension is fitted by sliding the bars into the black plastic sleeves on the underside of the seat and securing with the two locking knobs one on each side next to the leg support holders.



### **Footswitch**

As a cost option a footswitch may be specified for the couch and will look similar to the one pictured below.



## 5. Cleaning and Decontamination

### WARNING

If contamination is suspected then decontaminate the couch before use.

Torn or damaged upholstery should be replaced immediately.

### CAUTION

Do not use Alkalis or other organic solvents for routine cleaning.

Always cover the vinyl with paper towelling or couch covers if it can come into contact with bare skin.

### Cleaning

Always wear suitable protective clothing before carrying out this procedure.

Disconnect the mains supply to the couch and move it to a suitable cleaning area and lock the castors.

**Step 1.** Using warm water and soap on a damp cloth, carefully wipe the couch over from top to bottom. Take great care around electrical components.

**Step 2.** Wipe the couch carefully from top to bottom using a clean damp cloth and soap free water.

**Step 3.** Carefully dry the couch from top to bottom with clean lint free paper towels.

### Decontamination

To decontaminate the couch repeat the above steps but using a dilute solution of Hypochlorite and warm water (10,000ppm) instead of warm water and soap. At the end of the procedure discard all cleaning materials in a safe manner and wash hands thoroughly.

## 6. Troubleshooting

In the unlikely event of the couch failing to operate and having carried out the normal practical fault finding steps below then please contact our Customer Service Team on +44 (0)1449 767887 or email [customerservice@plinthMedical.com](mailto:customerservice@plinthMedical.com). **Please have the serial number to hand before making contact so we can help you more efficiently.**

Fault	Possible Cause	Remedy
Couch is unstable	Uneven floor	Move couch to flat floor
	Damaged Castor	Check presence and condition of all castors
All motors will not work	Power disconnected	Connect power supply
	Fuse Blown	Replace fuse in plug
	Hand/ Footswitch disconnected	Check the switch is fully connected to the motor
One motor will not work but others working	Lead from height motor/control box not connected to slave motor	Check and connect all leads
	Fault with switch	Replace switch
	Fault with control box	Replace control box
	Fault with motor	Replace motor
Motor sinks	Switch permanently operated	Unplug and re-connect switch
	Motor fault	Replace motor
Backrest will not work	See one motor will not work section above	See one motor will not work section above
Backrest sinks under load	Motor fault – slipping brake	Replace motor
Armrests slip or are loose	Plastic blocks loose	Tighten plastic blocks
	Pivot pins damaged/missing	Replace damaged pin or starlock

## 7. Maintenance

Plinth Medical Ltd products are designed to be maintenance free. However keeping your Plinth products clean and regularly checked will assist in prolonging their working life. The following is a guide of simple checks that the user can carry out on a six monthly basis. We would also recommend an annual service visit by a Plinth Medical trained engineer.

### **WARNING**

**Disconnect couch from electrical supply before commencing any of the following checks.**

Examine the couch for any signs of damage. Pay particular attention to all nuts, bolts and fasteners to check they are present and tight but not over tight.

Upholstery bolts should all be checked (each section has between 2 and 6 No. M6 bolts), they should all be present and tight.

Check gas struts (if fitted) and ensure that they operate through the full range of movement and lock fully.

Check hinge pins are lubricated and not rusty.

Check main couch nylon pivot bearings are lubricated sufficiently.

Examine mains and switch cables for any damage, cuts, kinks, abrasions etc. These must be replaced if necessary.

Check mains lead, switch cables and slave motor leads are all correctly and securely attached.

Check correct plug fuse is fitted (5A).

### **WARNING**

**Any electrical checks or work other than the visual inspection above must be performed by a qualified electrician.**

**Do not connect BLUE or BROWN wires to the earth terminal of a plug.**

## 8. Guarantee and Service (UK only)

Plinth Medical Ltd offer a 5 year parts guarantee on all Premium Range products delivered from January 2013 and a lifetime frame guarantee. The only exclusion to this guarantee is for negligent damage or damage to upholstery coverings. This guarantee does not require registration of the product as we can trace it from its serial number, however in the event of the serial number being removed, missing or unreadable then this may void the guarantee. These terms do not affect your statutory rights.

**In addition to the above Plinth Medical Ltd can offer both extended warranties and service contracts. For further information about either of these please contact:**

Customer Service  
 Plinth Medical  
 Barric Lane  
 Occold  
 Eye  
 Suffolk  
 IP23 7PX  
 Tel: 01449 767887  
 Mail: [customerservice@plinthMedical.com](mailto:customerservice@plinthMedical.com)

In the event of returning a product or part to us then please follow the instructions for cleaning under section 5 before enclosing it in suitable packaging and returning it to the above address. In addition please ensure there is a statement confirming that it has been decontaminated and what the fault is along with relevant contact details.

### **Worldwide**

Please contact the distributor you purchased the couch from for service and support in your country. If you are unable to do so then please contact us in the UK and we will refer you to our local representative.

## 9. Technical Specifications

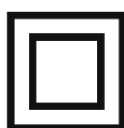
	50G			
<b>Head Length (cm)</b>	<b>78</b>			
<b>Seat Length (cm)</b>	<b>56</b>			
<b>Foot Length (cm)</b>	<b>N/A</b>			
<b>Width (cm)</b>	<b>78</b>			
<b>Overall Length (cm)</b>	<b>136</b>			
<b>Height Range (cm)</b>	<b>56-104</b>			



<b>Max Working Load</b>	<b>320kg</b>			
<b>Control</b>	<b>Hand switch</b>			
<b>Electrical Data 220/240v</b>				
<b>Motor(s)</b>	<b>Linak LA34 x 1 Linak LA31 x 2</b>			
<b>Control Box</b>	<b>Linak CB9</b>			
<b>Current</b>	<b>1.5A</b>			
<b>Power</b>	<b>360W</b>			
<b>Mains Plug Fuse</b>	<b>5.0A x 1</b>			
<b>Internal Fuse</b>	<b>3.0A x 1</b>			
<b>System Voltage</b>	<b>24v</b>			
<b>IP Rating</b>	<b>IPX4</b>			
<b>Battery Capacity</b>	<b>1.2AH (24v)</b>			
<b>Electrical Data 110/120v</b>				
<b>Motor(s)</b>	<b>Linak LA34 x1 Linak LA31 x 2</b>			
<b>Control Box</b>	<b>Linak CB9</b>			
<b>Current</b>	<b>2.7A</b>			
<b>Power</b>	<b>360W</b>			
<b>Mains Plug Fuse</b>	<b>5.0A x 1</b>			
<b>Internal Fuse</b>	<b>3.0A x 1</b>			
<b>System Voltage</b>	<b>24v</b>			
<b>IP Rating</b>	<b>IPX4</b>			
<b>Battery Capacity</b>	<b>1.2AH (24v)</b>			

### IEC 601-1 Electrical Safety Classification

All models are double insulated Type B equipment and marked as such.



Double Insulated



Type B Equipment

## 10.Revisions to Manual

Pages	Description	Issue No	Name	Date
All		Manual - 01	Niall Dyer	13.06.2017
6	Added safety notice regarding Tilt	Manual – 02	Martin Lankester	01.09.2017

**Plinth Medical**  
**Barric Lane**  
**Occold**  
**Eye**  
**Suffolk**  
**IP23 7PX**  
**ENGLAND**

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