



# Owner's Manual

## Vizavue™



Owner \_\_\_\_\_

Model \_\_\_\_\_

Serial # \_\_\_\_\_

Date \_\_\_\_\_

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## Symbols and Definitions

	Warning, follow instructions for use. Failure to comply may result in injury.
	Warning, sitting is prohibited. Failure to comply may result in injury.
	Warning, standing is prohibited. Failure to comply may result in injury.
 Type B Applied Part	Applied Part complying with specified requirements for protection against electric shock. Type B Applied Parts are those parts, which are usually Earth referenced. Type B are those parts not suitable for direct cardiac application.
	Warning/Caution, consult accompanying documents.
 Protective Earth	Any terminal which is intended for connection to an external protective conductor for protection against electric shock in case of a fault.
	In accordance with the European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), the product must not be disposed as unsorted municipal waste, but should be collected separately. Consult your instructional policies and local regulations regarding disposal. Contact your Medical Positioning, Inc. Service Representative if additional disposal details are required.
	Manufacturer

## Symbols and Definitions

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	MEDICAL EQUIPMENT WITH RESPECT TO ELECTRICAL SHOCK FIRE AND MECHANICAL HAZARDS ONLY IN ACCORDANCE WITH ANSI/AAMI ES60601-1 (2005) AND CAN/CSA-C22.2 No. 60601-1 (2014)
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### **WARNING / CAUTION / NOTE Definition**

The words WARNING, CAUTION, and NOTE carry special meanings and should be carefully reviewed.

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#### **WARNING**

Identifies a situation that could result in injury to the patient or caregiver.

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#### **CAUTION**

Identifies a situation that could result in equipment damage.

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#### **Note**

Provides special information to make an important instruction clearer.

## Safety Warnings & Cautions

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### **WARNING:**

Obey these safety instructions to help prevent injury and/or equipment damage:

- Read and understand all warnings in this manual and on the unit itself prior to use with a patient.
- The device should be operated by trained persons only.
- The procedures in this manual are only manufacturer's suggestions. The final responsibility for patient care with respect to this device remains with the attending physician.
- Do not modify this equipment without authorization of the manufacturer.
- Equipment should only be serviced by authorized personnel.
- Do not use in an oxygen rich environment.
- Do not leave patient unattended while using the table.
- To reduce the risk of electrical shock, grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked "hospital only" or "hospital grade".
- If damage has occurred to the power cord, immediately remove the cord from service. Failure to do so could result in serious injury or death.
- If damage has occurred to the battery, immediately remove the battery from service. Failure to do so could result in serious injury or death.
- Removal of secured covers may increase the risk of electrical shock. Refer servicing to qualified personnel.
- The potential for electrical shock exists with electrical equipment. Failure to follow facility protocols may cause death or serious injury.
- Ensure the patient is properly secured prior to using the equipment.
- To reduce the risk of a potential injury, lock casters before using equipment.
- Once the table and patient have been properly positioned for the procedure, ensure the casters are locked and the hand-wand is placed in a safe position to prevent unwanted contact and unwanted movement of the table surface during the procedure.
- To reduce the risk of the product becoming unbalanced, always have the product in the lowest reasonable height when moving.
- To reduce the risk of a potential fall due to product instability, only rotate the Chair Swivel when in the chair position.
- Verify the area around the chair is free of impediments before articulating the chair to prevent injury or equipment damage.
- To reduce the potential for injury, check the area around the patient and device prior to utilizing the Chair Swivel function.
- The battery should be periodically inspected for damage. Replace the battery if necessary.

## Safety Warnings & Cautions

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- Keep hands and feet clear from beneath the patient surface when placing into chair or flat position to avoid possible injury.
- Keep hands and fingers clear from beneath the patient surface when swiveling the chair to avoid possible injury.
- Keep feet clear from beneath the foot section when placing into the chair position or lowering the height when in the chair function to avoid possible injury.
- Keep hands clear of the foot rest hinges during operation.
- Sitting solely on the patient foot rest when in the table position can result in device instability. Do not allow a patient to sit solely on the foot rest when in the table position.
- Standing solely on the patient foot rest when in the chair position may result in device instability. Do not allow a patient to stand solely on the foot rest when in the chair position.
- Ensure a raised footrest is properly secured when loading a patient into the product.
- Verify the swing away section is secure prior to using the product or transferring a patient.
- Failure to latch Arm Rests may result in patient injury. Verify Arm Rests are locked in position after any adjustments to the Arm Rests.
- Improperly adjusted safety straps can cause serious injury to the patient. It is the responsibility of the attending medical personnel to determine the proper use of the safety straps and safety strap locations.
- Secure hand-wand with hook or hook and loop fastener when not in use. Keep cable clear of moving parts.
- Protect vinyl upholstery from sharp objects and abrasion to avoid damage.
- Always read manufacturer's instructions and warnings before using any cleaning product or disinfectant.
- Refer to instructions located in this manual for vinyl cleaning recommendations.
- Substances such as imaging gels and alcohol will not damage the vinyl surface when immediately removed. Studies have shown that exposure for longer than a few minutes can damage the top coat and will eventually discolor vinyl.
- Do not use abrasives to clean painted surfaces.
- It is recommended that the product be cleaned between patients; please follow your facility's documented policy.
- Keep this manual available for future reference.
- If the VizaVue is used adjacent to other electrical equipment, observe the VizaVue and the other electrical equipment to make sure they operate as intended.

## Intended Use

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The Vizavue chair is intended to be used in an environment where fluoroscopy, ultrasound and other such diagnostic equipment is present, including hospitals, outpatient facilities, and doctor's offices. The product is intended to be used by healthcare professionals trained to use the product who possess the ability to operate the product safely. The product is capable of attaining a chair or table position to accommodate use with protocols requiring upright, semi-prone and prone positions. In the upright position, both lateral and frontal images may be obtained. The product's movements are controlled both manually and electronically via the table hand-wand.

The product is not intended for use in oxygen rich environments.

## Safety Features

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- This product is equipped with multiple automated safety features to prevent danger or damage during use. The entire system is electrically isolated to UL/IEC 60601-1 and CAN/CSA C22.2 No. 601.1 hospital safety standards.
- The actuator assemblies are current overload protected. If overloaded, the actuators will stop and reset automatically.
- The sealed hand-wand operates the actuators by directing small amounts of low voltage D.C. current to the control box. All of the actuator drives are equipped with internal limit switches which automatically prevent over-extension.
- The tables are equipped with total locking, sealed bearing, and braking casters at all four corners.

## Set Up

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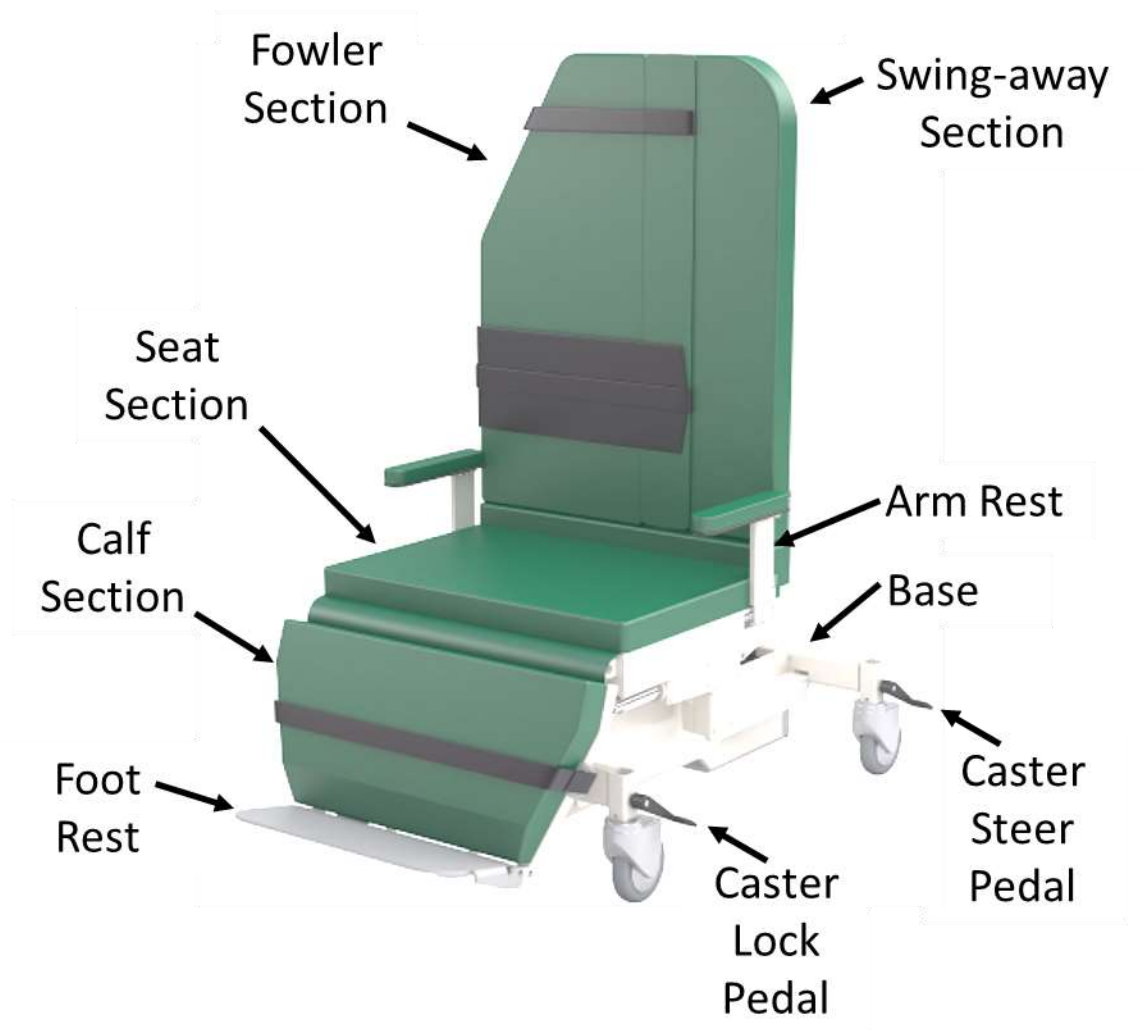
The Vizavue chair has been shipped to you in “plug and play” condition. After unpacking the product, we recommend performing an initial test of your Vizavue Chair to ensure that each function is in correct working order. After reviewing this manual you are ready to begin using your Vizavue Chair.

STEP	ACTION
1	After removing padding and packaging materials locate primary power supply cord and attach to suitable grounded power outlet.
2	To test actuator function, locate the hand-wand and depress each function button one at a time. (Depressing multiple buttons simultaneously will prevent the motor from operating.)
3	If any function does not operate, perform the test procedures listed in the Troubleshooting Guide.


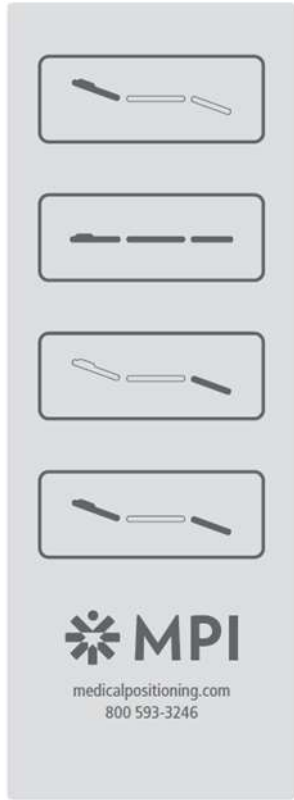
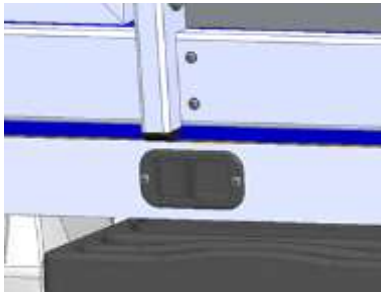


## Product Illustration

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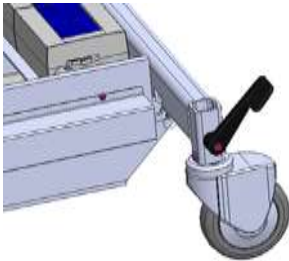
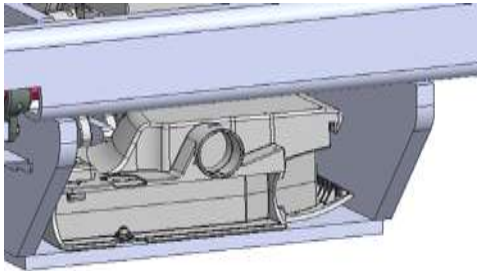


## Controls and Indicators

<p>Model # Label Serial Label UPC Label Refer to Manual Label</p>	
<p>Hand-wand</p> <ul style="list-style-type: none"> <li>• Fowler</li> <li>• Seat Up/Down</li> <li>• Calf</li> <li>• Fowler and calf</li> </ul>	
<p>Chair Swivel Release</p>	

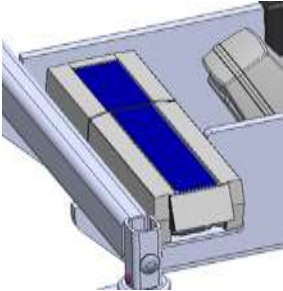


## Controls and Indicators

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Swing-away Fowler Release	 A close-up of a control panel featuring a black T-shaped handle mounted on a white rectangular base. Below the base, there are two red indicator lights and a small black circular button.
Swing away fowler latch	 A yellow, curved plastic component with a black lever or latch mechanism on its side.
Caster lock pedal (Front)	 A white plastic pedal with a black handle, mounted on a swivel base. It is positioned next to a yellow component.
Caster steer pedal (Rear)	 A white plastic pedal with a black handle, mounted on a swivel base. It is positioned next to a blue component.
AC Input	 A detailed view of the internal wiring and components of an AC input panel, showing various electrical connections and a circular component.

## Controls and Indicators

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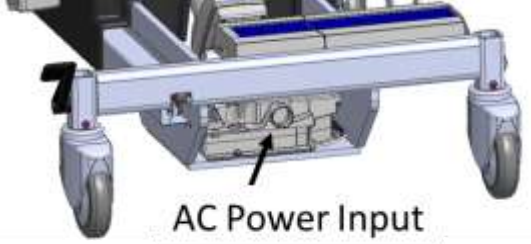
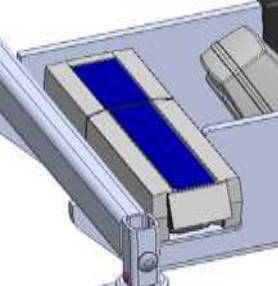
Battery	
No Sitting / No Standing Label	
Rotation Instruction Label	

## Use Instructions

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### Powering the Product

The product can be powered by AC power from a wall outlet or by DC power via the battery. The product is “on” whenever it is plugged into AC power or when a charged battery is installed. The product should not be positioned in a way that would make it difficult to remove power by unplugging the AC power cord or removing the battery.

<p>To apply AC power to the product, attach the power cord to the AC input located at the rear of the product.</p>	 <p>AC Power Input</p>
<p>To apply DC power to the product install a battery at the rear of the product.</p> <p>Note: The battery may be charged while it is installed in the chair by plugging the chair into AC power.</p>	

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### WARNING

- To reduce the risk of electrical shock, grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked “hospital only” or “hospital grade.”
  - If damage has occurred to the power cord, immediately remove the cord from service. Failure to do so could result in serious injury or death.
  - If damage has occurred to the battery, immediately remove the battery from service. Failure to do so could result in serious injury or death.
  - The battery should be periodically inspected for damage. Replace the battery if necessary.
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## Use Instructions

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### Locking the Brakes

The product uses total locking casters with 3 functional positions: full swivel, steer, and full lock.

- In the full swivel position all four casters may swivel and roll.
- In the steer position the front casters are held in a forward facing orientation and the rear casters are free to swivel.
- In the full lock position all four casters are prevented from both rolling and swiveling.

The front pedal is used to lock the casters. The locked position is shown.



The rear pedal is used to unlock the casters and put the chair in steer. The steer position is shown.



### WARNING


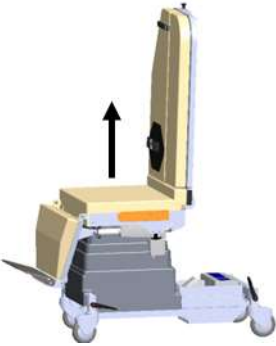
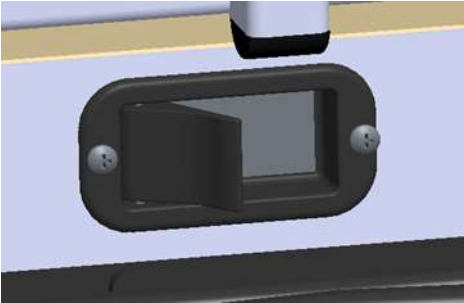
- Once the table and patient have been properly positioned for the procedure, ensure the casters are locked and the hand-wand is placed in a safe position to prevent unwanted contact and unwanted movement of the table surface during the procedure.
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## Use Instructions

### Rotating the Seat

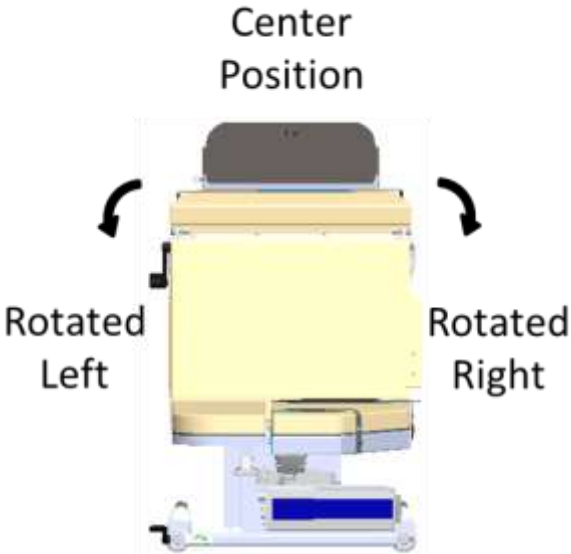

The seat may be oriented in three different positions to accommodate the procedure: Center with 0° rotation, rotated 90° left, and rotated 90° right. The seat will automatically lock when at any of the rotation positions. The locking function may be heard as a “click” sound.

The seat must be locked in any of the three positions for the hand-wand functions to operate. Additionally, the product’s hand-wand functions and range of motion will be limited when the seat is rotated to protect against equipment damage and injury. The product will emit a “beep” sound if a user attempts to use a disabled hand-wand function.

<p>Put the product in a chair position.</p>	
<p>Raise the seat height to allow clearance between the foot rest and base.</p>	
<p>Pull the release lever</p>	

## Use Instructions

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<p>Rotate the seat to the desired location.</p> <p>Note: While rotated, these functions are limited or disabled:</p> <ul style="list-style-type: none"><li>• Seat height will not go down to 19"</li><li>• Fowler down is disabled</li><li>• Calf up is disabled</li></ul>	<p>Center Position</p>  <p>Rotated Left</p> <p>Rotated Right</p>
<p>Prior to removing the patient from the table return the product to the center position.</p>	

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### WARNING

- To reduce the risk of a potential fall due to product instability, only rotate the Chair Swivel when in the chair position.
  - To reduce the potential for injury, check the area around the patient and device prior to utilizing the Chair Swivel function.
  - Keep hands and fingers clear from beneath the patient surface when swiveling the chair to avoid possible injury.
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## Use Instructions

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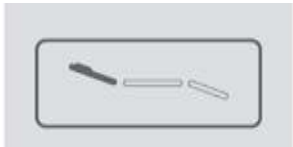
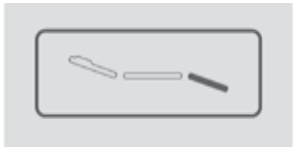
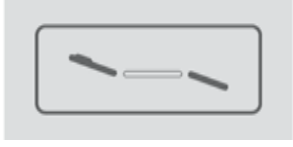
### Adjusting Seat Height

The seat height is adjusted by the hand-wand control. The minimum seat height is 19" when the seat is in the center position but is limited to approximately 28" while rotated 90° left or right to protect against equipment damage and injury.

Press and hold the applicable hand-wand control to adjust the seat height.	
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### Adjusting Fowler and Calf Angles

The fowler and calf sections may be adjusted independently or simultaneously.

Press and hold the applicable hand-wand control to independently adjust the fowler.	
Press and hold the applicable hand-wand control to independently adjust the calf.	
Press and hold the applicable hand-wand control to simultaneously adjust the fowler and calf.	



### WARNING

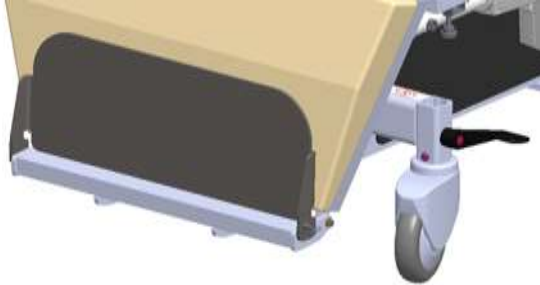
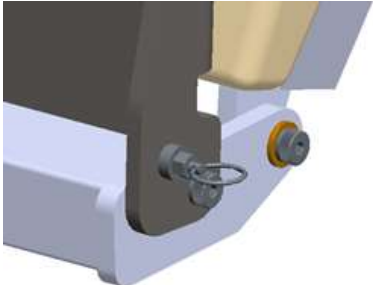
- Verify the area around the chair is free of impediments before articulating the chair to prevent injury or equipment damage.
  - Keep feet clear from beneath the foot section when placing into the chair position or lowering the height when in the chair function to avoid possible injury.
  - Keep hands and feet clear from beneath the patient surface when placing into chair or flat position to avoid possible injury.
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## Use Instructions

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### Using the Foot Rest

The foot rest may be lifted to help the patient get closer to the seat for entry onto the product.

<p>Lift the foot rest fully. The foot rest will lock in the up position.</p>	
<p>Pull the lock pin to lower the foot rest.</p> <p>Note: The foot rest may fall if not supported after the pin is pulled.</p>	

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### WARNING

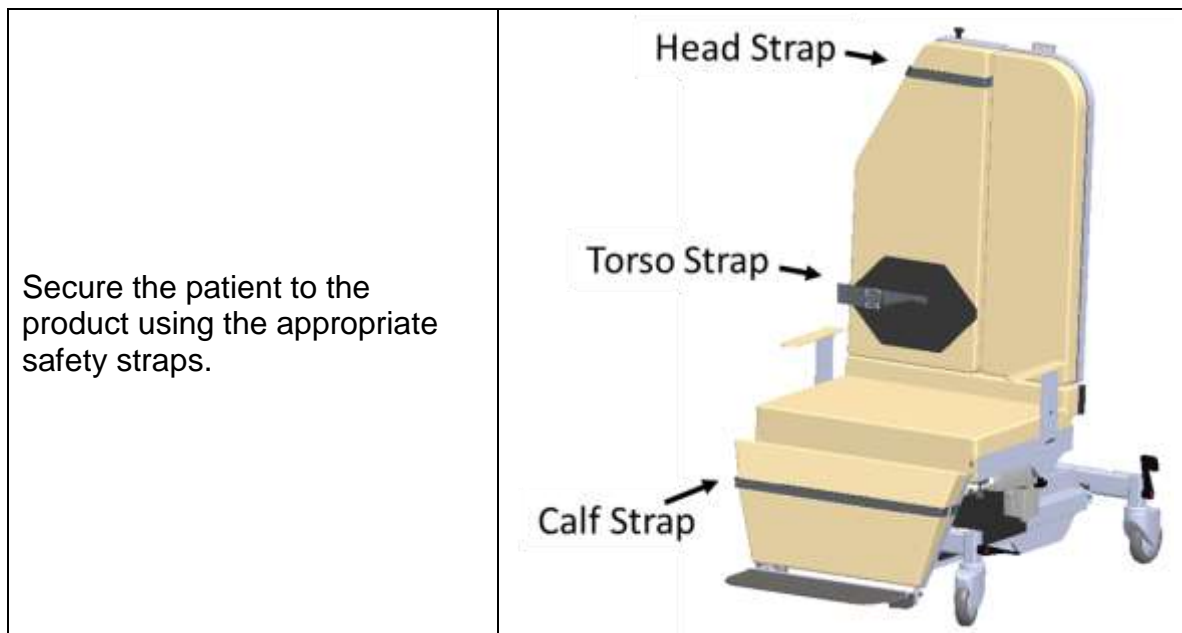
- Sitting solely on the patient foot rest when in the table position can result in device instability. Do not allow a patient to sit solely on the foot rest when the table position.
  - Standing solely on the patient foot rest when in the chair position may result in device instability. Do not allow a patient to stand solely on the foot rest when the chair position.
  - Ensure a raised footrest is properly secured when loading a patient into the product.
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## Use Instructions

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### Using the Safety Straps

The product has safety straps to help secure the patient to the seat.



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### WARNING

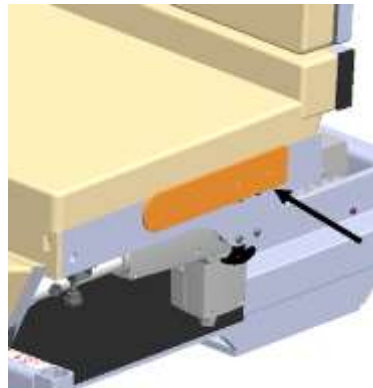
- Do not leave patient unattended while using the table.
  - Improperly adjusted safety straps can cause serious injury to the patient. It is the responsibility of the attending medical personnel to determine the proper use of the safety straps and safety strap locations.
-

## Use Instructions

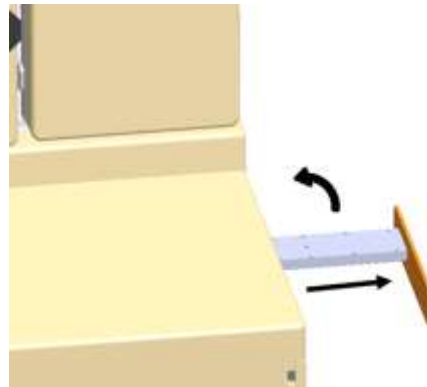
### Using the Armrest

Arm rest will fold away into the seat when not in use.

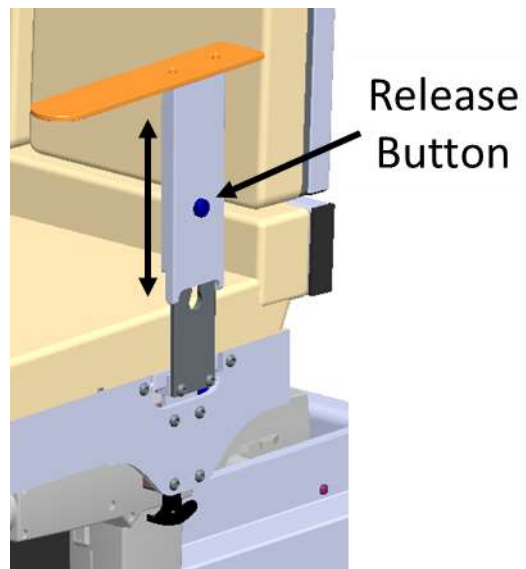
Arm rest is beneath the seat for storage.



To deploy the arm rest; pull the arm rest outward from the seat and rotate to a vertical position. Ensure the armrest locks in place.



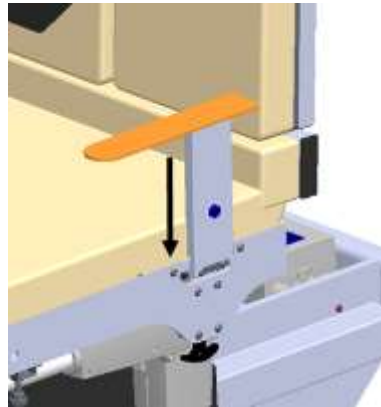
Adjust the height of the arm rest by pressing the release button and moving the arm rest up and down to the desired height.



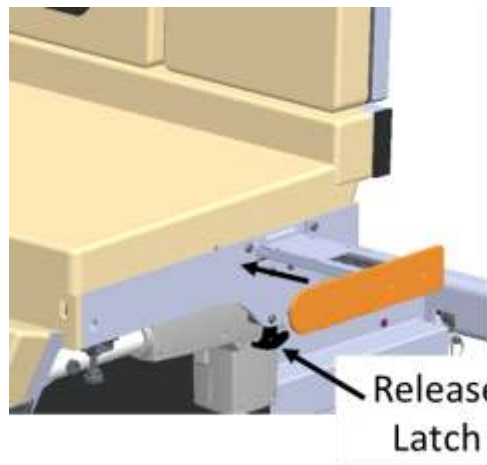
## Use Instructions

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To store the arm rest, lower the armrest to the minimum height.



Pull the release latch and rotate the armrest horizontal. Push inward toward the center of the seat.



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### WARNING

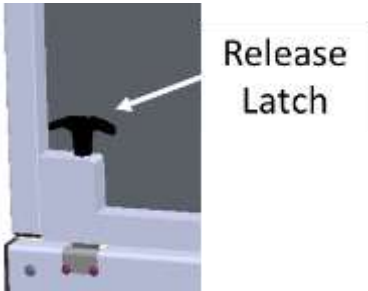



- Failure to latch Arm Rests may result in patient injury. Verify Arm Rests are locked in position after any adjustments to the Arm Rests.
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## Use Instructions

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### Using the Swing Away Fowler Section

The fowler section can swing away to allow clearance for an X-ray emitter.

<p>Lift the release latch to open the swing away section.</p>	 <p>Release Latch</p>
<p>Rotate the swing away section until it locks in the open position.</p>	
<p>Lift the release latch to close the swing away section.</p>	 <p>Release Latch</p>
<p>Rotate the swing away section until it locks in the closed position.</p>	

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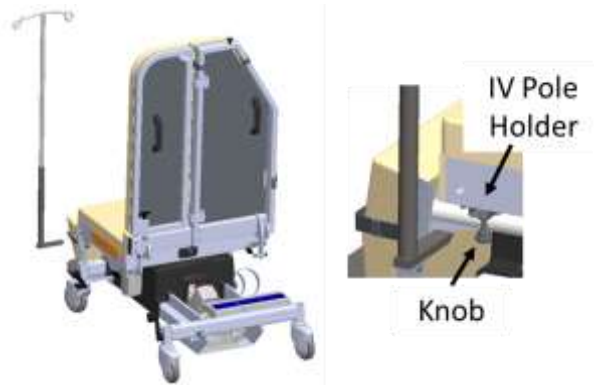
#### WARNING

- Verify the swing away section is secure prior to using the product or transferring a patient.
-

## Use Instructions

### IV Pole and Holder

The product may be equipped with an IV pole holder. Place the IV pole bracket into the holder and tighten the knob to secure the IV pole to the chair.



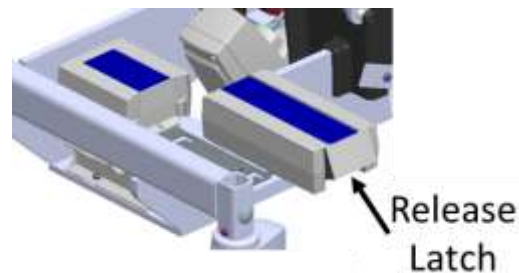
### Oxygen Tank Holder

The product may be equipped with an oxygen tank holder. The largest supported tank is a D size.



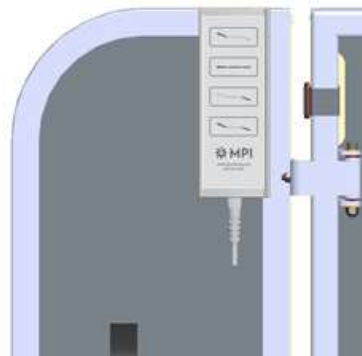
### Replacing the Battery

The battery may be removed for charging by pulling the release latch and lifting the battery.



### Storing the Hand-wand

The hand-wand may be hung on the swing away fowler latch when not used.



## Preventative Maintenance

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The following Preventative Maintenance should be performed at a minimum annually. If any of these checks fail, repair or replace the part as applicable.

- Visually inspect all mechanical assemblies and moving parts on the product ensuring smooth, steady operation.
- Visually inspect all fasteners (bolts, nuts, screws, etc.) to ensure all are fully installed. Tighten as necessary.
- Visually inspect all electrical cables and wires for signs of abrasion or other damage. If damaged, replace.
- Visually inspect all electrical connections to ensure they are fully and properly connected. Reconnect as necessary.
- Visually inspect the hand-wand. If damaged, replace.
- Visually inspect the lifting mechanism shroud during raise and lowering. Adjust or replace if necessary.
- Operate all latch mechanisms to ensure proper engagement of latch into receiver. Adjust if necessary.
- Operate all motors to ensure full extension, retraction and correct operation. The motors are permanently lubricated and require no lubrication.
- Operate the braking system to ensure proper engagement of the wheel and swivel lock mechanism. Replace as necessary.
- Operate all accessories to ensure proper attachment and operation. Tighten, adjust or replace if necessary.
- Remove the seat cover and visually inspect and operate all mechanical and electrical assemblies as described above.
- Visually inspect the battery for damage. Replace the battery if necessary.



### WARNING

- No modification of this equipment is allowed.
  - Equipment should only be serviced by authorized personnel.
  - Removal of secured covers may increase the risk of electrical shock. Refer servicing to qualified personnel.
  - The potential for electrical shock exists with electrical equipment. Failure to follow facility protocols may cause death or serious injury.
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## Expected Life

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The expected life of the product is 7 years of normal use. Some components may have a shorter life and require replacement. These components are listed below:

- Battery
- Rotation release mechanism

## Discard the Unit

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Upon reaching the end of its useful life the product may be discarded in accordance with local and federal standards. Recycle when possible.



In accordance with the European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), the product must not be disposed as unsorted municipal waste, but should be collected separately. Consult your instructional policies and local regulations regarding disposal. Contact your Medical Positioning, Inc. Service Representative if additional disposal details are required.

# Cleaning

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## Plastic and Painted Surfaces

The painted metal and plastic surfaces can be cleaned with normal cleaners and disinfectant.

STEP	ACTION
1	Clean and/or disinfect with liquid cleaner of choice being careful to follow label instructions provided with cleaner. (Always test a small area first to determine suitability of solution)
2	Wipe the surface clean with a damp cloth after applying cleaners and disinfectant to remove excess residue buildup.

## Vinyl

The vinyl upholstered surfaces can be cleaned in one of the following ways:

The preferred method of everyday cleaning is using a soft cloth or sponge with mild soap and water or disinfectant. Spills and accidents require immediate attention for best results. When caught quickly, most stains such as grease, blood and black felt tip pens can be wiped right off. Mild soap and water is the preferred method; however, typical hospital-grade antiseptic wipes work as well. For more stubborn stains, a variety of concentrated and solvent type cleansers may be used without damaging the surface as long as they are thoroughly rinsed off with water.

Generally speaking, always start with the mildest cleaning agents first. Never use harsh powdered abrasive cleansers or steel wool. Products containing bleach, ammonia or alcohol should be wiped from the surface with a wet cloth after use. Residue from these products will damage vinyl surfaces

STEP	ACTION
1	Clean and/or disinfect with liquid cleaner of choice being careful to follow label instructions provided with cleaner. (Always test a small area first to determine suitability of solution)
2	Wipe the surface clean with a damp cloth after applying cleaners and disinfectant to remove excess residue buildup.

## Cleaning

RECOMMENDED MAXIMUM CLEANER TO WATER SOLUTIONS	
<div>Mildest</div> <div>↓</div> <div>Strongest</div>	1:1 mix of mild soap and water. Wipe surface with damp cloth with water only after cleaning.
	Straight application of common disinfectants. Wipe surface with damp cloth with water only after cleaning.
	1:1 mix of ammonia and water. Use a soft cotton cloth saturated with the cleaning material. Wipe surface with damp cloth with water only after cleaning.
	1:4 mix of bleach and water. Use a soft cotton cloth saturated with the cleaning material. Wipe surface with damp cloth with water only after cleaning.
	1:1 mix of isopropyl alcohol and water. Use a soft cotton cloth saturated with the cleaning material. Wipe surface with damp cloth with water only after cleaning.
	Straight application of isopropyl alcohol. Use a soft cotton cloth saturated with the cleaning material. Wipe surface with damp cloth with water only after cleaning.
	1:1 mix of acetone and water. Use a soft cotton cloth saturated with the cleaning material. Wipe surface with damp cloth with water only after cleaning.

This information is not a guarantee and does not relieve the user from the responsibility of the proper and safe use of the product and all cleaning agents.

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### WARNING

- It is recommended that the product be cleaned between patients; please follow your facility's documented policy.

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### CAUTION

- Always read manufacturer's instructions and warnings before using any cleaning product or disinfectant.
  - Substances such as imaging gels and alcohol will not damage the vinyl surface when immediately removed. Studies have shown that exposure for longer than a few minutes can damage the top coat and will eventually discolor vinyl.
  - Do not use abrasives to clean painted surfaces.
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## Service Calls

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A “**Troubleshooting Guide**” is included to instruct you in the event of a malfunction. If you are experiencing any of the following symptoms, this guide may help you quickly solve the problem. If, after consulting this guide, you are still unable to operate your table please contact Medical Positioning at 1-800-593-3246. Please have the following information ready when you call:

1. Model Number or Name of Product
2. Serial Number
3. Date Received
4. Condition When Received
5. Symptom (or problem) Encountered & Result of Troubleshooting Procedure

### Complaint Reporting Procedure

In the event of a product malfunction or patient injury, please immediately report the incident to:

1. \_\_\_\_\_  
(The distributor from whom the product was purchased)
2. Medical Positioning, Inc.  
1717 Washington Street  
Kansas City, MO 64116  
[www.MedicalPositioning, Inc.](http://www.MedicalPositioning, Inc.)  
011-816-474-1555  
800-593-3246 (ECHO)

## Troubleshooting Guide

SYMPTOM	PROBABLE CAUSE	SUGGESTION
No Actuator Function Actuator(s) Not Running.	<ul style="list-style-type: none"> <li>Power cord not plugged all the way into wall receptacle.</li> </ul>	<ul style="list-style-type: none"> <li>Push power cord securely into receptacle.</li> </ul>
	<ul style="list-style-type: none"> <li>Power outlet receptacle not supplying 120 VAC power.</li> </ul>	<ul style="list-style-type: none"> <li>Check power availability or plug unit into another receptacle.</li> </ul>
	<ul style="list-style-type: none"> <li>The power cord may be separated from the control box.</li> </ul>	<ul style="list-style-type: none"> <li>Securely press power cord into control box.</li> </ul>
	<ul style="list-style-type: none"> <li>Battery may be drained.</li> </ul>	<ul style="list-style-type: none"> <li>Replace or charge battery.</li> </ul>
	<ul style="list-style-type: none"> <li>Actuator cord may be unplugged.</li> </ul>	<ul style="list-style-type: none"> <li>Push actuator cords securely into actuator receptacle.</li> </ul>
	<ul style="list-style-type: none"> <li>Product was overloaded and tripped internal fuse in control box.</li> </ul>	<ul style="list-style-type: none"> <li>Replace control box.</li> </ul>
Product emits a beeping sound when pressing a function on the hand-wand.	<ul style="list-style-type: none"> <li>Function may be disabled due to seat being rotated 90° left or right.</li> </ul>	<ul style="list-style-type: none"> <li>Return seat to center position.</li> </ul>
	<ul style="list-style-type: none"> <li>Function may be disabled due to seat being between rotated positions.</li> </ul>	<ul style="list-style-type: none"> <li>Rotate seat to desired position and listen for a “click” sound to indicate it is properly locked.</li> </ul>
The rotation release lever is difficult to pull.	<ul style="list-style-type: none"> <li>The locking pin may be binding.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure there are no side loads on the seat when pulling the release lever.</li> </ul>



### WARNING

- Do not modify this equipment without authorization of the manufacturer.
- Removal of secured covers may increase the risk of electrical shock. Refer servicing to qualified personnel.
- The battery should be periodically inspected for damage. Replace the battery if necessary.

## Specifications

Model Number	Description
5500	Vizavue Procedure Chair

## Product Attributes

ATTRIBUTE	SPECIFICATION
Base Width	26"
Base Length	33"
Surface Length *Table position	79 ¼"
Seat Height *To top of cushion	19" – 33"
Seat Width	26"
Seat Back Width	15" with swing away fowler open 26" with swing away fowler closed
Seat Rotation	90° left – 0° – 90° right
Fowler	0° - 90°
Maximum Patient Weight	600lb
Product Weight	365lb

## Environmental Conditions

ATTRIBUTE	Range for Use	Range for Storage and Transport
Ambient Temperature	+5° to 40° C	-10° to +50° C
Relative Humidity	20% to 90% @ 30°C – not condensing	20% to 90% @ 30°C – not condensing
Atmospheric Pressure	800 to 1060 hPa	800 to 1060 hPa

## Upholstery

ATTRIBUTE	SPECIFICATION
Foam	California Technical Bulletin 117
Vinyl	D.O.T. FAR 25.853 and FMVSS302 Port of NY / Boston F.D. Code

## Specifications

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### Power Requirements

ATTRIBUTE	SPECIFICATION
Electrical, Vizavue	100–230 VAC, 50/60 Hz, max 5.0 A
Electrical, Battery Charger	100–230 VAC, 50/60 Hz
Battery Option	24 VDC, 2.9 Ah
Duty Cycle	10%, 2 min. on / 18 min. off

- All electrical circuitry is isolated from chassis.
- Grounding reliability can only be achieved when the equipment is connected to an equivalent receptacle marked “Hospital Only” or “Hospital Grade.”
- The power cord is to be used for mains disconnection.
- Attached power supply cord set is not allowed to be diverted to other equipment.

### Classifications and Standards

ATTRIBUTE	SPECIFICATION
Standards	<ul style="list-style-type: none"><li>• IEC 60601-1:2005 + A1:2012</li><li>• ANSI/AAMI ES60601-1:2005/(R)2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012</li><li>• CAN/CSA-C22.2 NO. 60601-1:14</li><li>• EN 60601-1:2006 +A11:2011 +A1:2013 +AC:2014</li><li>• IEC 60601-1-2:2007</li><li>• EN/ISO 14971:2012</li></ul>
Protection against Electrical Shock	<ul style="list-style-type: none"><li>• Class I equipment</li><li>• Type B applied part</li></ul>
Degree of protection against Dust and Fluid intrusion	<ul style="list-style-type: none"><li>• IPX0</li></ul>

The Vivazue product meets the relevant sections of the standards listed above.

## Specifications

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### Applied Parts (in accordance with IEC 60601-1)

- All padded surfaces
- Arm rests
- Foot rest
- Straps

### Electromagnetic Emissions Guidance

The VizaVue uses components that meet the requirements for IEC 60601-1-2. Other products that are used in the vicinity of the VizaVue should also comply with this standard. If they do not comply, electromagnetic interference between the products could cause the products to operate incorrectly. If problems do occur, contact the product manufacturer(s).

Make sure the VizaVue operates correctly when used near other electronic devices. Portable and mobile radio frequency (RF) communications equipment can affect electrical equipment.



#### WARNING

- If the VizaVue is used adjacent to other electrical equipment, observe the VizaVue and the other electrical equipment to make sure they operate as intended.
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## Specifications

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### Standard and Optional Configurations

ATTRIBUTE	STANDARD	OPTIONAL
Hand-wand	X	
Single Pedal Brake/Mobility	X	
Chair Swivel	X	
Arm Rests	X	
Patient Foot Rest	X	
Radiolucency	X	
Fowler Width Extension	X	
Patient Restraint Strap	X	
Single Battery	X	
Oxygen Tank Holder	X	
IV Pole & Holder		X
2 <sup>nd</sup> Battery & Charger Kit		X

### Replacement & Optional Parts

Part Description	Part #
Hand-wand	14902
Patient Restraint Strap (Set)	14985
IV Pole Kit	14083
Oxygen Tank Holder	14925
Battery & Charger Kit	14989
Battery	14907

## Warranty

### Warranty

Vizavue Chair

**1 Year - Electrical, Mechanical, & Vinyl Fabric**

This product is fully guaranteed against defects in material and/or workmanship, for the period indicated above commencing with receipt by the original end user. If a product fails due to a manufacturing defect, we will repair or authorize repairs to the product without charge or replace the product at our option.

We use only the finest materials available, but even these premium quality materials will not last forever. Repairs due to normal wear, accident, improper care, or negligence will be performed for a reasonable charge. The warranty does not apply to products that have been modified without the advance written permission of Medical Positioning, Inc., on purchases in the USA for export, or on “office model” products placed in an acute care facility.

Medical Positioning, Inc. makes no other warranty, either expressed or implied, with respect to this product. Medical Positioning, Inc. specifically disclaims the implied warranties of merchantability and fitness for a particular purpose.

The remedies provided herein are the customer’s sole and exclusive remedies. In no event shall Medical Positioning, Inc. be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory.

Product shall not be returned to Medical Positioning, Inc. without prior written authorization from Medical Positioning, Inc. If a product is returned without prior authorization, customer is responsible for all shipping charges and any applicable duties and/or taxes. When repair is made on site, (solely) at the request of the customer, the customer is responsible for all travel costs.

**Medical Positioning, Inc.**

1717 Washington St.  
Kansas City, Missouri 64108  
(816) 474-1555  
(800) 593-3246  
Fax (816) 474-7755