



Installation & Operation Manual

500

Pediatric Crib Stretchers



Contents

- Owner's Product Identification 2
- Explanation of Safety Signals 4
- Safety Instructions 4
- Installation 5
 - Unpacking 5
 - Inspection 6
 - Checklist: Install Options & Authorized Accessories 7
- Description 8
- Components Overview 9
- Controls & Indicators 10
- Stretcher Operation 11
 - Steering Caster Operation 11
 - Brake Caster Operation 12
 - Crib Side Rail Operation 12
 - Fowler Operation 13
 - Trendelenburg Operation 14
- Options 15
 - I.V. Pole Caster Operation 15
 - Oxygen Bottle Holder 16
 - Utility Shelf 17
 - Crib Top 18
 - Infusion Pump Adaptor 19
- Maintenance 20
 - Cleaning 20
 - Preventative Maintenance 22
 - Scheduled Maintenance 22
- Calling for Service 23
- Brochure 24
- Limited Warranty 25

IMPORTANT INFORMATION

Scope of Manual

This manual covers complete instructions for the installation, operation, and normal care of the Model 500 Pediatric Crib Stretcher. It is intended that this manual be used by any medical personnel responsible for operating the stretcher while transporting a patient, while performing a medical examination or procedure, or while performing operator-level maintenance.

Intended Use of Product

The intended use of this product is to support and transport patients throughout the hospital, clinic, same day or ambulatory surgery center, or any examination, treatment, or in-procedures environment. This could be before, during, and/or after diagnostic, therapeutic, interventional medical and / or surgical procedures, examinations, and/or treatment.




Safety Instructions

The primary concern of Pedigo is that this equipment is operated and maintained with the safety of the patient and staff in mind. To assure safer and more reliable operation:



- Read and understand this manual before attempting to install or operate the stretcher.
- Assure that appropriate personnel are informed on the contents of this manual; this is the responsibility of the purchaser.
- Assure that this manual is located near the stretcher, or if possible, permanently affixed to the stretcher.

SAFETY INSTRUCTIONS

Explanation of Safety Symbols and Notes

 DANGER	Indicates a hazardous situation, that, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.
 WARNING	Indicates a hazardous situation, that, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation, that, if not avoided, could result in minor or moderate injury. It may also be used to alert against unsafe practices.
SAFETY INSTRUCTIONS	Safety instructions (or equivalent) signs indicate specific safety-related instructions or procedures.
NOTICE	Notice is used to address practices not related to physical injury. This includes instructions relative to preventing equipment damage and proper function.

General Safety Notes

 WARNING	This crib should not be used for a child more than 35 inches (89 cm) tall. To do otherwise risks the possibility of a child climbing out of the crib and then falling, which could result in serious injury or death.
 WARNING	The maximum patient weight allowed on the stretcher litter top is 200 lbs (91 kg). Failure to adhere to this limit could result in personal injury to the patient.

Transportation and Storage Conditions

Ambient Temperature Range	-30°C to +60°C (-22°F to 140°F)
Relative Humidity	10% to 90% (non-condensing)
Atmospheric Pressure	500hPa to 106hPa (0.49atm to 1.05atm)

INSTALLATION

Unpacking

⚠️ WARNING

The 500 stretcher weighs approximately 220 lbs (100 kgs). Get an assistant if necessary and use proper lifting techniques. Failure to do so could result in serious back injury or other injury.

NOTICE

To avoid damaging the stretcher's upholstered mattress or other components, do not use a knife or other sharp object to open the stretcher's packaging.



Indicates that the product is fragile; do not handle roughly.



Indicates that the product must be kept dry.



Indicates the proper shipping orientation for the product.

1. Carefully remove the packaging from the stretcher.
2. Cut the two banding strips, that secure the stretcher base to the shipping skid.



3. Lift the stretcher off the shipping skid and allow caster wheels to rest firmly on the floor.

Inspection

Inspect the stretcher for any shipping damage . Report any damage to the shipping company and fill out a concealed damage report.

General items to inspect for shipping damage are:

- 1) Stretcher does not roll when the brakes are engaged, see page 12.
- 2) Steering works properly - see page 11.
- 3) Fowler, page 13, and Trendelenburg, page 14, both work properly.
- 4) Side rails work properly, see page 13.
- 5) Inspect the mattress and any other pads for tears or damage, etc.

Checklist: Installed Options & Authorized Accessories

The options and accessories that are authorized for use with the stretcher are listed below . Check all the options and accessories installed or shipped with your stretcher.

✓	Option Name	Item Number
<input type="checkbox"/>	Utility Shelf	5103001
<input type="checkbox"/>	Infusion Pump Adaptor	5106001
<input type="checkbox"/>	Crib Sides Pads	5109002
<input type="checkbox"/>	O ₂ Holder Option	5114001
<input type="checkbox"/>	90 Degree IV Pole	5116001
<input type="checkbox"/>	Croupette Top with Door	5107001
<input type="checkbox"/>	Security Top	5117001
<input type="checkbox"/>	Labels, Head/Foot - RED	5118001
<input type="checkbox"/>	Labels, Head/Foot - GREEN	5118003

Description

Introduction

The 500 Crib is a fixed height stretcher which is primarily used to support and transport patients in any treatment or procedures environment, and may be used for general examinations and procedures. The patient surface is adjustable from a full horizontal surface to an upright sitting position using the fowler back rest. Also the patient surface can be adjusted into the Trendelenburg and Reverse Trendelenburg positions.

Features

- Fowler backrest, which can be easily adjusted from full flat (horizontal) position.
- Litter top, which can be easily adjusted into the Trendelenburg (+10°) and Reverse Trendelenburg positions (-5°).
- Full length, drop down side rails that prevent finger pinching, allows closer access to the patient.
- Four I.V. rod positions for optional fixed.
- Black skid guards.

Components Overview

The stretcher's major components locations and names are shown below.



Description of Components

1. Side rails	7. Casters
2. Mattress	8. Fowler Control
3. Litter Top	9. Side rail Release Handle
4. Uprights	10. Fowler Section
5. Skid Guard	11. Base
6. Trendelenburg Control	

Controls and Indicators

The illustrations below shows the location of the stretcher's controls and indicators. The table below describes their function



Reference / Control	Function
1. Fowler Handles (red)	Releases the Fowler allowing the Fowler (back) section to be raised or lowered.
2. Trendelenburg Release Handles (red)	Releases the Trendelenburg, allowing the litter top to be moved into the Trendelenburg or Reverse Trendelenburg position.
3. Side rail Release Handles	Releases the side rail so it may be lowered.
4. Brake Caster Pedal	Engage Total Lock feature of individual caster.
5. Steer Caster Pedal	Engage Steer feature of caster.
6. Side rail Release Label	Displays operation of side rail handles.
7. Supervision Warning Label	Warning against leaving the crib unattended with the side rail down.
8. Head/Foot Labels	Indicates Head End or Foot End of stretcher.
9. Care of Crib Label	Cleaning instructions for crib.

Stretcher Operation

STEERING CASTER OPERATION

Steering controls the steering functions using the pedal on the caster.

Engage steering by pressing down on the dark grey pedal and then swiveling the caster at the patient's right foot-end. Caster will lock in the trailing position with an audible click. The other three casters will swivel freely. The proper position to steer the stretcher is from the head-end.

Disengage steering by lifting the dark grey caster pedal located on the steer caster.



Figure 1

⚠️ WARNING

Always engage steering when transporting patients to ensure control over the stretcher's path. Also, seek assistance when transporting down a steep incline to prevent loss of control of stretcher. Failure to do so could result in personal injury to the patient or caregiver.

Stretcher Operation

BRAKE CASTER OPERATION

Engage the brakes by pressing down on the red pedal on at least one caster on each side of the stretcher. This locks the casters so they cannot roll or swivel and the stretcher cannot be moved.

Disengage the brakes by lifting up on the red pedal located on each brake caster.

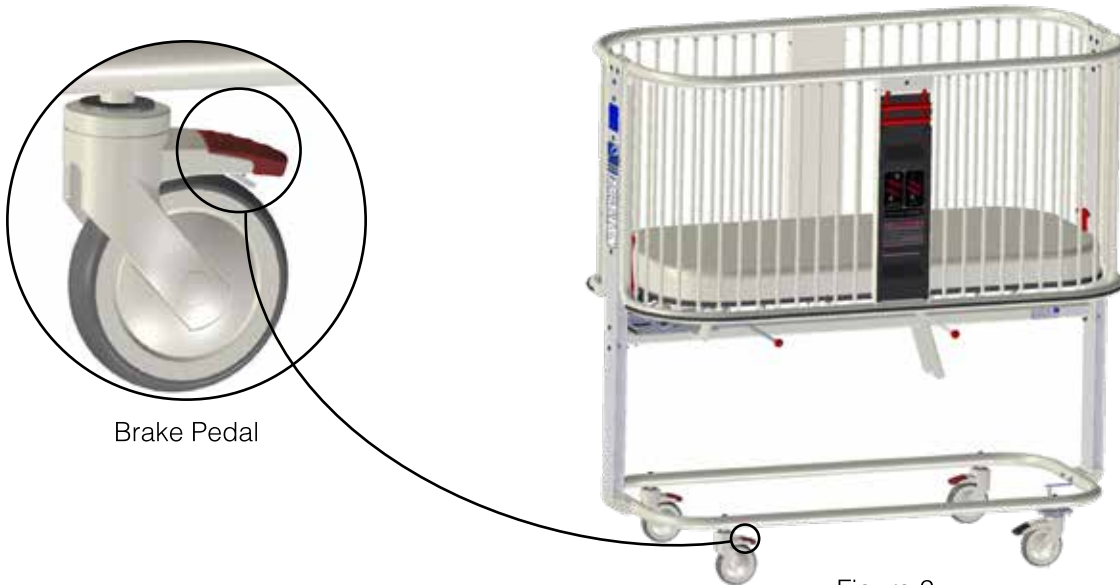


Figure 2

WARNING

Make sure the stretcher does not roll with the brakes engaged. Also, make sure to engage the brakes when the stretcher is left unattended. Failure to do so could result in injury to a patient or caregivers.

CRIB SIDE RAIL OPERATION

WARNING

Lock both side rails in the full height position to avoid the possibility of a child falling out of the crib. Failure to do so could result in serious injury or death.

1. To lower the side rail, pull the handle out (Figure 3), squeeze the handle and lift the side rail upward slightly (there will be an audible click) to release the side rail from its locked position.
2. To lower side rail to the intermediate position, don't squeeze the handle when lowering the side rail. The side rail will stop ten inches above the mattress.
3. To lower the side rail to its lowest position, continue squeezing the handle, while lowering side rail.
4. To raise side rail, pull up on a side rail until the side rail is locked in position (listen for an audible click).



Figure 3

Stretcher Operation

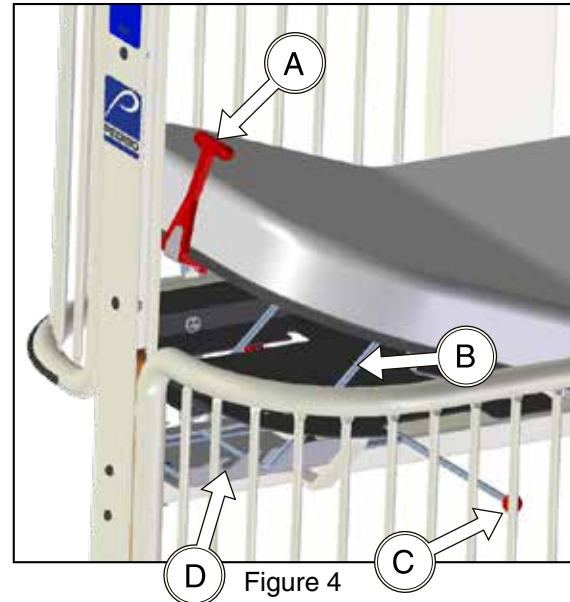
FOWLER POSITION OPERATION

WARNING

Fully engage the fowler bail in one of three positions. Failure to do so could result in injury to the patient or the caregiver.

Raise the Fowler Section

1. Lift the red Litter Strap (A, Figure 4), the Fowler bail (B) will slide along the Catch Plate (D) and drop into detents for set Fowler angles.
2. Raise the Fowler slightly above the desired angle to ensure the Fowler Bail (B) is securely engaged and then lower the Fowler back down.



NOTICE

The Catch Plate (D) only has 3 positions: 0°, 20° and 30°.

Lower the Fowler Section

3. Lift the red Litter Strap (A, Figure 4) slightly. Raise it far enough for the Fowler Bail (B) to clear the Catch Plate (D). With the Fowler raised, lift the red knob on the Fowler bail Release (C) up as far as possible.
4. Lower the Fowler to the desired position. Release the Fowler Bail Release (C) and the red Litter Strap (A) when the Fowler is in the desired position. Ensure the Fowler Bail (B) is securely engaged in the Catch Plate (D).

Stretcher Operation

TRENDELENBURG OPERATION

⚠ WARNING Fully engage litter catch in desired position. Failure to do so could result in injury to the patient or the caregiver.

⚠ WARNING Use red Litter Straps when raising or lowering litter top. Failure to do so could result in injury to the patient or the caregiver.

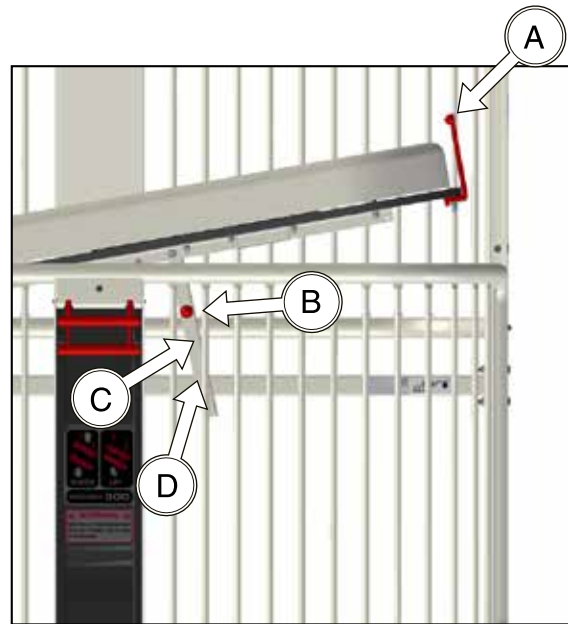


Figure 5

Place Litter into Trendelenburg Position

1. Lift the red Litter Strap (A, Figure 5), the Litter Catch (C) will slide along the Catch pin (D) between different Trendelenburg angles.
2. Raise the Litter slightly above the desired angle and then lower it down until the Litter Catch (C) securely engages with the Catch Pin (D).

NOTICE

The Litter Catch only has 4 positions: 0°, 5° and 10° of Trendelenburg, and 5° in Reverse Trendelenburg.

Return the Litter to the Horizontal Position (from Trendelenburg)

3. Lift up on the red Litter Strap (A, Figure 5) until the Litter Catch (C) is free from the Catch Pin (D). Pull the red Litter Catch Knob (B) toward the foot end of the Litter.
4. Lower the Litter Top until it is slightly above the Horizontal Position. Release the red Litter Catch Knob (B) and then continue lowering the Litter Top until the Litter Catch (C) engages securely on the Catch Pin (D).

Place the Litter into Reverse Trendelenburg Position

5. Lift up on the red Litter Strap (A, Figure 5) and pull the red Litter Catch Knob (B) toward the foot end of the Litter.
6. Lower the Litter Top down until it rests on the center support beam.

Return the Litter to the Horizontal Position (from Reverse Trendelenburg)

7. Lift up on the red Litter Strap (A, Figure 5) until the Litter Top is slightly above the Horizontal position and then lower the Litter Top until the Litter Catch (C) engages securely on the Catch Pin (D).

90° I.V. Pole • Option



Install I.V. Pole into socket and secure with included knob.

Locating Sockets for I.V. Poles



There are four sockets for mounting I.V. poles on each stretcher; two sockets are located on each end of the stretcher.

Oxygen Bottle Holder • Option

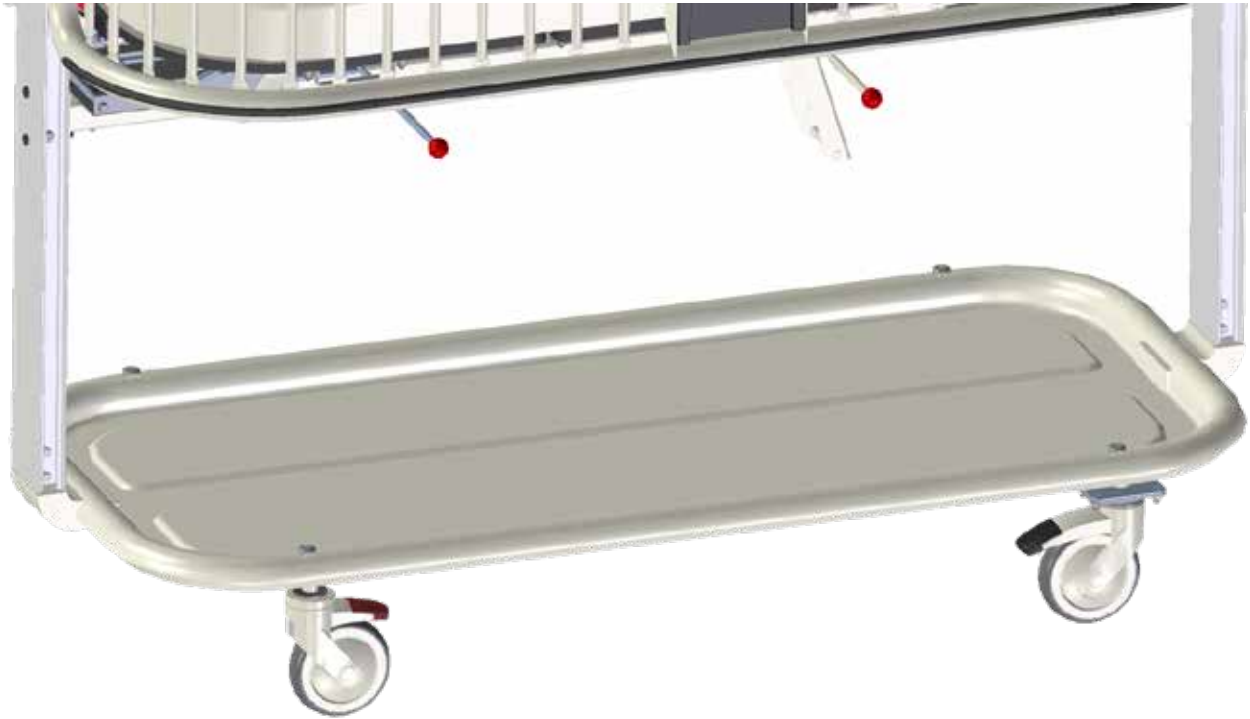


With the side rail fully raised, stand at the head end, patient right side, of the stretcher to guide an O₂ bottle in or out of the O₂ holder.

WARNING

Always push the O₂ holder into the latch position before lowering the side rail. Failure to do so could result in damage to O₂ bottle, regulator, and connecting O₂ lines. This damage could result in possible injury to the user and or patient.

Utility Shelf • Option



With the side rail fully or partially raised, the utility shelf can be accessed from either side of the stretcher.

⚠ WARNING

Ensure any objects on the shelf are fully within the shelf. Anything outside of the shelf may cause injury to the patient, caregiver or equipment, when the side rails are lowered.

NOTICE

Utility shelf must not be loaded with more than 100 lbs., evenly distributed, across the entire shelf. Overloading the shelf may result in damage to the shelf.

Crib Top • Options

Install either crib top onto the crib by aligning the mounting tubes with the sockets on top of the crib uprights and sliding them into place. Secure in position using the tethered pins on each side.

Security Top



Croupette Top



NOTICE

It is recommended that the installation of the security top be conducted by two individuals.

⚠️ WARNING

Failure to install the tethered pins to hold the security top in place may allow the security top to be push free of the crib, resulting in potential injury of the patient or a caregiver.

Infusion Pump Adaptor • Option



The Infusion Pump Adaptor can be installed at the head or foot end of the Crib Stretcher. Once mounted to the Crib Stretcher, an infusion pump can be attached to the Crib Stretcher.

⚠ WARNING

Ensure the adaptor is securely fastened before attaching an infusion pump. Failure to do so could result in injury of the patient or a caregiver.

Maintenance

Cleaning

Mattress Cover

Regular care should be maintained by daily wiping with a damp cloth or sponge, and periodic cleaning with a mild soap and water solution.

NOTICE

The mattress cover material is resistant to most medicinal-type stains, but may be damaged by solvents and dyes. Remove any fluids which are spilled on the upholstery immediately. Also, avoid the use of abrasive cleaners, steel wool or solvents. Do not use high pressure water jets or submerge. Do not sterilize.

Check the label on the mattress to determine the fabric type before using any cleaning solution.

Acceptable Cleaning Fluids			
Fabric Type	Cleaning Solution Trade Name	Cleaning Solution Type	Cleaning Solution Manufacturer
For Vinyl-covered mattresses:	Galahad	Phenolic	Puritan
	LPH	Phenolic	Steris Corp
	Amphyl	Phenolic	Reckitt-Benckiser
	One-Stroke	Phenolic	Steris Corp
	Vesphene II	Phenolic	Steris Corp
For Urethane-covered mattresses:	A33	Quaternary	Ecolab
	Blue Chip	Quaternary	S .C . Johnson Co .
	Elimstaph	Quaternary	Walter G . Legge
	Forward DC	Quaternary	S .C . Johnson Co
	Lysol I . C	Quaternary	Reckitt-Benckiser
	Omega	Quaternary	Ecolab
	Pro-Tech RDI-36B	Quaternary	Central Solutions, Inc
	Quat Sanitizer	Quaternary	Ecolab
	Sanikleen	Quaternary	West Penetone
	Virex 128	Quaternary	S .C . Johnson Co
	Super SaniCloth	Quaternary/Isopropyl	Professional Disposables Inc
	SaniCloth Plus	Quaternary/Isopropyl	Professional Disposables Inc
For Either type of mattress	Viro-Chek	Hypochlorite	Bob Barker Co .
	Alcide LD	Chlorine Oxide	Alcide Corporation

Disinfectants: Phenolic disinfectants are the best choice for vinyl products, though properly diluted quaternaries are also acceptable. Quaternary disinfectants are recommended for urethane products. Phenolics should be avoided on urethane. Quaternary/Isopropyl disinfectants are recommended for urethanes, but not recommended for vinyls. All mattresses may be cleaned with a 1:10 dilution of household bleaches containing 5.25% sodium hypochlorite as recommended by the Center for Disease Control in Atlanta, Georgia. There is no harmful effect on the fabric. Disinfectants applied at full concentration or in highly concentrated solutions will decrease the useful life of mattresses. Iodophor type disinfectants used on mattresses may result in staining. Make sure to always rinse or wipe the mattress with a damp cloth after application of disinfectant to remove cleaner residue. Failure to do so could result in damage to the mattress

Soils or Stains: Use neutral soap suds and lukewarm water. Do not use harsh cleansers, solvents or detergents.

Hard-To-Clean Spots: Use standard household/vinyl cleansers and a soft bristle brush on troublesome spots or stains. Pre-soak heavy, dried-on soil.

Painted Metal Surfaces: Wipe all painted metal surfaces with a clean cloth at least once a week.

Care of Bright Metal Surfaces: All unpainted metal surfaces should be wiped weekly with a clean damp cloth.

Care of Moving Parts: All moving parts should be oiled occasionally with light machine oil to help ensure quiet dependable operation. Lubricant will allow free movement of sliding parts and reduce the possibility of noise.

Mattress Specifications and Replacement: The Model 500 Crib mattress has the following specifications: Width: 26" (66.0 cm); Length: 56 ¼"(142.9 cm); Thickness: 3½ inches (8.9 cm); Radii on Corners: 7½ inches (19.1 cm).

When the time comes for the mattress to be replaced, call 800.822.3501.

Preventive Maintenance

Use the following daily inspection table to assure quiet, smooth, and dependable operation.

Have your authorized dealer inspect your stretcher every six months.

Inspection or Service	Action*
Upholstery	Condition of upholstery should be maintained with a clean, damp cloth or sponge. A mild soap and water solution should be used for hard-to-clean areas and stained areas. If disinfectant cleaners are used, do not exceed the manufacturers' recommended dilution rate or life expectancy of upholstery may be shortened.
Obvious Damage	Visually check condition of stretcher for obvious damage such as: Cracks in components, missing components, dents in components, torn upholstery, leaking fluids, or any other visible damage which would cause the stretcher to be unsafe for usage. Repair stretcher before using.
Painted and plastic surfaces	All painted metal surfaces should be maintained by wiping clean with a soft, damp cloth.
Unpainted or chrome surfaces	All unpainted metal surfaces should be maintained by wiping clean with a soft, damp cloth. Check all metal surfaces for dents or damage that could result in sharp edges. Replace damaged metal.

* Use the authorized service and parts manual for a particular product before you attempt repairs or adjustments.

Scheduled Maintenance

Inspection or Service	Action*
Fasteners/ Hardware	Check stretcher for missing or loose fasteners/ hardware. Replace any missing hardware and tighten any loose hardware as necessary using removable threadlocking adhesive if applicable.
Moving parts	All moving parts should be lubricated with white lithium grease or petroleum jelly, except linkages. All linkages should be lubricated with Teflon or Silicone based lubricant.
Warning and instructional decals	Check for missing or illegible decals, Replace decals as necessary.
Side Rail operation	Check for proper side rail operation, making sure that side rails release easily and latch easily and securely. Adjust side rails if necessary. Adjust or repair latching mechanism, if necessary.
Side Rail Rollers	Lubricate side rail rollers with Teflon or Silicone based lubricant. Check that rollers move freely during operation of side rails. Repair or replace rollers, if necessary. If bolts/ nuts are loose, remove bolts/ nuts, apply removable threadlocker and re-install bolts/ nuts.
Side Rail latch mechanism	Lubricate side rail latch mechanism with white lithium grease or Teflon grease. Check that latch mechanism releases easily and latches easily and securely. Adjust or repair latch mechanism if necessary.
Caster fasteners	Check caster screws for tightness. Remove any loose screws, apply removable threadlocker adhesive, and re-install screws and lockwashers.
Caster control pedal	Check caster pedals for proper operation. Make sure all pedals work. If not, replace casters.
Fowler Assembly	Lubricate moving parts of Fowler with Teflon or Silicone based lubricant. Check Fowler for proper operation, alignment, and engagement. Make sure Fowler releases and holds.
Trendelenburg Assembly	Lubricate moving parts of Trendelenburg with Teflon or Silicone based lubricant. Check Trendelenburg for proper operation, alignment, and engagement. Make sure Trendelenburg releases and holds properly.
Operational Test	Perform an Operational Test to determine if the stretcher is operating within its specifications (refer to Section 2.1). Replace any malfunctioning components.

* Use the authorized service and parts manual for a particular product before you attempt repairs or adjustments.

Calling for Service

If you are having a problem or have a question, refer to the inside front cover of this manual and call Technical Support at the number below. Make sure that you have the information that is highlighted on the inside front cover of this manual available.

Technical Support:

800.822.3501

8:00 a.m. – 5:00 p.m. (Pacific Standard Time in the U.S.)

Monday – Friday, except for standard U.S. holidays.

stretcher series
500

SPECIFICATIONS

Model Number	500 stretcher/crib
Patient Surface	26" x 56¼" (66 x 143 cm)
Overall Length	60" (152 cm)
Overall Width	30¼" (77 cm)
Height	
Fixed Litter Top	33¼" (84 cm)
Top of Crib	59½" (151 cm)
With Security Top	76¾" (195 cm)
Litter Positioning	
Fowler Angles	0°, 20°, 30°
Trendelenburg	0°, 5°, 10°
Reverse Trendelenburg	5°
Side Rails Intermediate Stop	13¾" (35 cm)
Casters	5" (13 cm)
Warranty	1 year parts and labor




STANDARD FEATURES

- 200 lbs. weight capacity rating
- Three 5" Total Lock casters and one Steer caster for increased maneuverability
- Trendelenburg/Reverse Trendelenburg
- One handed rail operation
- White powder coat finish
- Unique rounded corners
- Rails with 2" spacing between bars
- Four I.V. pole receptacles
- Full function fowler
- Litter Top: Solid pan
- Color decals: Blue



 **LATEX-FREE**

OPTIONS

Accessory	
Utility shelf	5103001
Security Top (clear)	5117001
<i>(with 6 mounting clips, will accommodate a mist tent)</i>	
Croupette Top with Door (clear)	5107001
<i>(with 6 mounting clips, will accommodate a mist tent)</i>	
Infusion pump adapter	5106001
Oxygen tank holder	5114001
90° I.V. Pole	5116001
Color Decals:	
 Red Head/Foot End Labels	5118001
 Blue Head/Foot End Labels (standard)	5118002
 Green Head/Foot End Labels	5118003

Accessory	
Mattress and Pad:	
Crib side rail bumper pad (pair)	5109002
Pressure Care Mattress 4"	5817002
• <i>Mattress meets fire codes TB-117.</i>	
Mattress with fire barrier layer 3½"	5860003
• <i>Mattress meets fire codes TB-117 & TB-129.</i>	
• <i>For additional fire layer barrier protection, contact customer service for a complete listing of fire codes met by this mattress.</i>	
Mattress 3½" (standard)	5860002
• <i>Phthalate free</i>	

Limited Warranty

Scope of Warranty

Pedigo Products, Inc. warrants to the original purchaser its new hospital stretchers and components (except for components not warranted under “Exclusions”) manufactured by Pedigo to be free from defects in material and workmanship under normal use and service. Pedigo’s obligation under this warranty is limited to the repair or replacement, at Pedigo’s option, of the parts or the products the defects of which are reported to Pedigo within the applicable warranty period and which, upon examination by Pedigo, prove to be defective.

Applicable Warranty Period

The applicable warranty period, measured from the date of delivery to the original user, shall be one (1) year for all warranted products and components.

Exclusions

This warranty does not cover and Pedigo shall not be liable for the following: (1) repairs and replacements because of misuse, abuse, negligence, alteration, accident, freight damage, or tampering; (2) products which are not installed, used, and properly cleaned as required in the Pedigo “Installation” and or “Installation / Operation Manual” for this applicable product; (3) products considered to be of a consumable nature; (4) accessories or parts not manufactured by Pedigo; (5) charges by anyone for adjustments, repairs, replacement parts, installation, or other work performed upon or in connection with such products which is not expressly authorized in writing in advance by Pedigo.

Exclusive Remedy

Pedigo’s only obligation under this warranty is the repair or replacement of defective parts. Pedigo shall not be liable for any direct, special, indirect, incidental, exemplary, or consequential damages or delay, including, but not limited to, damages for loss of profits or loss of use.

No Authorization

No person or firm is authorized to create for Pedigo any other obligation or liability in connection with the products.

THIS WARRANTY IS PEDIGO’S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED PEDIGO MAKES NO IMPLIED WARRANTIES OF ANY KIND INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS.

Installation & Operation Manual

500 Pediatric Crib Stretcher



4000 SE Columbia Way Vancouver, Washington 98661 USA
www.pedigo-usa.com • TEL 800.822.3501 • FAX 360.696.1700

