

**GENDRON**<sup>™</sup>  
*by graham-field*

# 1000MR MRI TRANSPORT AND TRANSFER STRETCHER



## USER MANUAL

GD\_1000MR-INS-LAB-RevA21

**Read this manual before operating the stretcher.**

**Save this manual for future use.**

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# 1 INTRODUCTION

Congratulations on your purchase of the Gendron 1000MR MRI Transport and Transfer Stretcher. The following pages will provide you with important safety and operating instructions on the use of this stretcher, as well as maintenance and warranty information. Read this manual carefully before operating the stretcher and refer to it as often as needed. Consult your authorized distributor and / or healthcare professional with any questions or concerns regarding safe and effective techniques for operating the stretcher.

Upon receipt of the stretcher, and prior to each use, inspect it closely to ensure that nothing is damaged, there are no loose or broken parts, that all stretcher parts are in the proper place, etc. Immediately replace any worn or broken components. The stretcher should receive maintenance on a regular schedule and should be inspected daily for proper operation. Contact GF Technical Support at 1.770.368.4700 with any maintenance concerns.

## INTENDED USE

The Gendron 1000MR MRI Transport and Transfer Stretcher is intended for moving patients who require medical care.

## 2 SAFETY PRECAUTIONS

**IMPORTANT:** Before using stretcher, read and adhere to the following safety precautions and warnings. Failure to do so could result in serious personal injury or damage to the stretcher.

Always consult your healthcare professional to determine safe methods most suitable for your individual abilities. Protect yourself, your attendant and stretcher by having it serviced regularly. If you experience any malfunction, contact GF Technical Support at 1.770.368.4700 or your GF authorized distributor immediately, as a hazardous condition could result, causing personal injury or damage to the stretcher.

Periodic inspection, adjustment and replacement of worn parts are necessary to provide years of excellent service. Refer to **CARE AND MAINTENANCE** section of this manual.

Maintenance **MUST** be performed by qualified personnel **ONLY**.

### SIGNIFICANCE OF SAFETY STATEMENTS

Note the following special statements, used throughout this manual, and their significance:

- ⚠ WARNING:** Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in death or serious personal injury.
- ⚠ CAUTION:** Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in minor or moderate personal injury.
- ▲ NOTICE:** Indicates a potential hazard situation or unsafe practice that, if not avoided, could result in product or property damage.

**Info:** Provides application recommendations or other useful information to ensure that you get the most from your product.

### WARNINGS

- ⚠ WARNING:** Important! Read and understand these instructions before assembling or using the Gendron 1000MR MRI Transport and Transfer Stretcher. If you do not understand any part of these warnings, cautions or instructions, contact a healthcare professional for direction in the use of this product. If the Gendron 1000MR MRI Transport and Transfer Stretcher is not properly assembled, personal injury and damage to the 1000MR MRI could result.
- ⚠ WARNING:** If components are damaged or missing, contact your GF authorized distributor immediately. **DO NOT** use substitute parts. Use only Gendron replacement parts. The use of non-Gendron replacement parts could cause personal injury, property damage, and void the warranty.
- ⚠ WARNING:** Unauthorized modification of the stretcher could cause personal injury, property damage, and void the warranty.
- ⚠ WARNING:** The Gendron 1000MR MRI Transport and Transfer Stretcher maximum weight capacity is 350 lb (158.8 kg), **EVENLY DISTRIBUTED**, including the combined weight of patient and any items on stretcher. **DO NOT** exceed the maximum weight capacity. Exceeding the weight limit could cause the stretcher to fail.
- ⚠ WARNING:** GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper assembly or use of this product.

- ⚠ WARNING: Check all parts for shipping damage before using. In case of damage, DO NOT USE the equipment. Contact the carrier or your GF authorized distributor for further instructions.**
- ⚠ WARNING: Always raise the side rails when the patient is occupying the stretcher, or personal injury could result.**
- ⚠ WARNING: Take special care to lock the casters securely when reclining or inclining the fowler and also when transferring patient to or from the stretcher, or personal injury could result.**
- ⚠ WARNING: Do not confuse the head and foot end of the stretcher when placing the patient on the stretcher.**
- ⚠ WARNING: Make sure all persons and objects are clear of the stretcher when articulating the stretcher, or personal injury could result. Do not place arms or head into frame while operating.**
- ⚠ WARNING: Watch for pinch points. Keep clear of any mechanism in motion.**
- ⚠ WARNING: Patient must be centered on the stretcher at all times.**
- ⚠ WARNING: Do not sit on or exit the stretcher at the head or foot end.**
- ⚠ WARNING: Do not use a stretcher with any missing or damaged parts.**
- ⚠ WARNING: Never disassemble the stretcher. If problems are found, contact GF Technical Support at 1.770.368.7400 or your authorized GF distributor.**
- ⚠ WARNING: This product can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP) which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov/furniture](http://www.P65Warnings.ca.gov/furniture).**
- ⚠ WARNING: GF Health Products, Inc. specifically disclaims responsibility for any bodily injury or property damage which may occur during any use which does not comply with federal, state or local laws or ordinances.**

### 3 FEATURES

#### STRETCHER COMPONENTS



**1000MR MRI Transport and Transfer Stretcher**

#### STRETCHER FEATURES (SEE PICTURE ABOVE)

- One-function articulation: Fowler
  - Raise and lower head section
- Construction: Constructed entirely of stainless steel, tube frame, with stainless steel top sheet metal
- Patient Surface (Litter Top): 23" x 75" (58.4 cm x 190.5 cm)
- Side Rails: Two-position fold-down type
- Casters: Heavy duty 6-inch non-magnetic casters with pedal brakes
- Stretcher pad (litter pad): 2" (5.1 cm) thick high-density foam with low shear fabric
- Accessory sockets: One IV socket on each corner of stretcher
- IV Pole: Removable telescopic IV pole with storage below

## 4 HANDLING PROCEDURES

### SHIPPING AND TRANSPORTATION INSTRUCTIONS

If the stretcher is to be reshipped by common carrier, it should be packed in the same carton in which it was received.

#### Unpacking

**⚠ WARNING: The Stretcher is heavy (approximately 161 lb (73 kg) not including accessories). To avoid personal injury, DO NOT attempt to remove the Stretcher from the box without assistance.**

1. Check for any obvious damage to the carton or its contents. If damage is evident, notify the carrier or your GF authorized distributor.
2. Remove all loose packing from the carton.
3. Carefully remove all the components from the carton.

***Info: Unless the stretcher is to be used immediately, retain boxes, containers and packing material for use in storing until use of stretcher is required.***

#### Inspection

1. Examine the exterior of the stretcher for nicks, dents, scratches or other damage.
2. Inspect all components.

#### Storage

1. Store the repackaged stretcher in a dry area.
2. DO NOT place other objects on top of the repackaged stretcher.

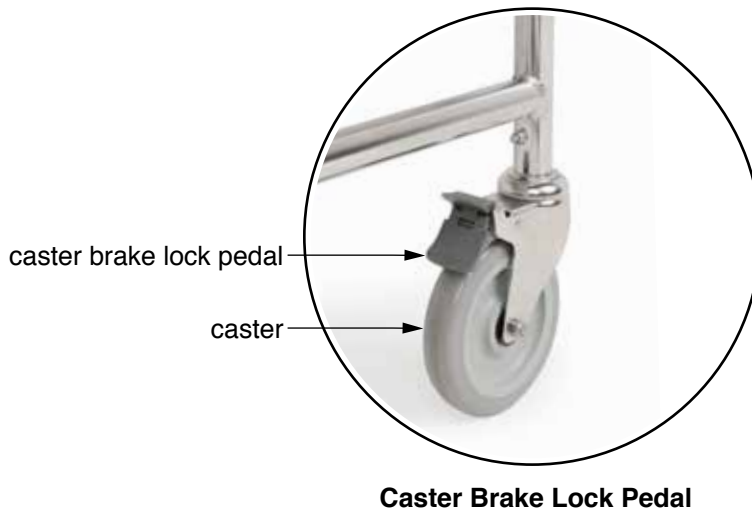
## 5 OPERATION

### STRETCHER OPERATION — GENERAL WARNINGS

**⚠ WARNING: Ensure all hardware and accessories are securely fastened before use.**

### BRAKING OPERATION

The Brake pedals are located on the caster at each corner of the stretcher. Refer to the following illustration for operation.



#### Set Brake Position

To set brake position, press down on each of the brake lock pedals (shown above).

#### Activate Full Swivel Position

To activate full swivel function, pull up on all four of the caster brake pedals (shown above).

**⚠ WARNING: Lock brakes when transferring a patient or when a patient is entering or exiting the stretcher, or personal injury could result.**

**⚠ WARNING: The brakes are not designed to stop a stretcher that is in motion. Do not operate central brake / steer function when moving the stretcher, or personal injury could result.**



## FOWLER OPERATION

The back angle is adjustable between 0° and 75° by changing the position of the lift rods that attach the back in the bracket slots on the patient surface. To adjust the tilt angle:

1. Grasp the handle, circled in red at right.
2. Rotate back to the desired angle.

⚠ **WARNING:** If possible, adjust the back position while the stretcher is unoccupied. If you must adjust the back position while the stretcher is occupied, ensure the patient is sitting up to prevent the back from unexpectedly dropping or changing position.

⚠ **WARNING:** Ensure the back, when tilted, is always securely locked in position to prevent injury.



## SIDE RAIL OPERATION

Side Rails are located on each side of the stretcher. Side Rails have a two-position (up and down) fold-down operation. Refer to the following illustration for operation.



### Raise Side Rail

Grab top section of rail and rotate up. Push until side rails sink firmly in place in upright position.

⚠ **WARNING:** Ensure side rails are securely locked in position to prevent injury.

### Lower Side Rail

Lift side rail and then rotate out and down.

⚠ **WARNING:** Always raise the side rails when the patient is occupying the stretcher, or personal injury could result.

## IV POLE OPERATION

The IV pole may be used at any one of the four corners of the stretcher; two corners are shown at right below, one with IV pole installed.



### Adjust IV Pole Height

1. Loosen the thumb screw, circled in red at above right, until upper pole can slide inside lower pole.
2. Raise or lower upper pole to desired height.
3. Retighten thumb screw at desired height.

**⚠ WARNING: Ensure IV Pole is securely locked in position before use.**

***Info: IV pole storage is provided under the stretcher top near the casters, circled in red at above left.***

## 6 CARE AND MAINTENANCE

- ⚠ WARNING: Inspect stretcher before each use. Ensure that all hardware and accessories are secure. Failure to do so could result in patient / attendant injury or damage to the stretcher.**
- ⚠ WARNING: Service and repair of the Gendron 1000MR MRI Transport and Transfer Stretcher MUST be performed by qualified personnel ONLY.**
- ⚠ WARNING: Unauthorized modification of the stretcher or the use of non-Gendron replacement parts may change the structure of the Stretcher and could create a hazardous condition, which could result in serious injury and void the warranty.**

### INSPECTION AND MAINTENANCE

Proper care and maintenance are essential to keeping your Gendron 1000MR MRI Transport and Transfer Stretcher in a safe operating condition. In addition to inspecting the unit before each use, periodic maintenance checks should be done as listed below.

#### Brakes

Due to normal wear of the tires, the brakes should be checked periodically. When properly adjusted and locked, the casters will not rotate when the stretcher is loaded. The brakes may be adjusted by turning the large plastic nut on the underside of the fork.

#### Caster Lubrication

Under normal usage, the factory lubrication of the casters will last many years. When overhauling the stretcher, the caster wheel bearings should be replaced.

#### Before Initial Use

- Do a careful walk-around inspection of the stretcher. Look underneath the stretcher to ensure there is nothing stored there.
- Lock the casters.
- Position the side rails; ensure they slide up and down properly.
- When you are satisfied that the stretcher is operating properly, instruct all personnel who may be involved in the stretcher's operation.

#### At Least Once a Month

- Inspect for wear
- Ensure all parts and fasteners are secure
- Replace any worn parts immediately

#### At Least Once a Year

- Check all bolts to ensure that all are securely fastened.
- Ensure all pins are in their locked position and are securely fastened.
- Check all welds to ensure good condition.
- Lubricate all pivot points with FDA approved grease or dry Teflon lubricant.
- Check all casters for proper operation.

- ⚠ WARNING: If problems are found, immediately contact GF Technical Support at 1.770.368.4700, as a potentially hazardous condition could exist. Any discrepancies noted during inspection must be corrected before using the stretcher.**

## **CLEANING**

▲ **NOTICE:** Before using any cleaning product, test it on the underside of the stretcher. Never use any volatile or flammable fluid (thinner, gasoline, etc.) that could cause discoloration or deterioration.

▲ **NOTICE:** DO NOT pressure wash or steam clean Stretcher.

### **Stainless Steel Surfaces**

Stainless steel is most effectively corrosion resistant when kept clean. Wipe stainless steel surfaces frequently with a soft damp cloth. To remove dried deposits, use hot water and a mild detergent applied with a stiff fiber brush. For stubborn deposits, use only stainless steel wool or a stiff plastic (not metal) abrasive pad of the finest texture, rubbing as gently as possible. Always rub in the direction of the finish grain of the metal.

### **Rubber and Vinyl Surfaces**

The vinyl bumper and tires may be cleaned periodically with warm water and a mild detergent using a soft, clean cloth.

The stretcher pad cover is resistant to most medicinal-type stains, but may be damaged by solvents and dyes. For regular maintenance and care, clean with warm water and a mild detergent, using a soft cloth.

## 7 SPECIFICATIONS

*Info: All dimensions are approximate and given in inches unless otherwise specified.*

|   |   |
|---|---|
| <b>Stretcher model</b>                      | <b>Gendron 1000MR MRI Transport and Transfer Stretcher</b>    |
| <b>Overall width</b>                        | 26" (66.0 cm)   |
| <b>Overall length</b>                       | 77" (195.6 cm)  |
| <b>Patient surface (stretcher top)</b>      | 23" x 75" (58.4 cm x 190.5 cm)                                |
| <b>Stretcher top height</b>                 | 31" (78.7 cm)   |
| <b>Fowler tilt angle</b>                    | 0°-75°  |
| <b>Side rail length</b>                     | 58" (147.3 cm)  |
| <b>Side rail height above stretcher top</b> | 10" (25.4 cm)   |
| <b>Caster size</b>                          | 6" (15.2 cm)  |
| <b>Floor to base clearance</b>              | 9" (22.9 cm)  |
| <b>Maximum weight capacity</b>              | 350 lb (158.8 kg) maximum weight capacity, EVENLY DISTRIBUTED |
| <b>Weight</b>                               | 161 lb (73 kg) not including accessories                      |
| <b>MRI magnetic field resistance</b>        | 3 Tesla or less   |

## **8 LIMITED WARRANTY**

### **SCOPE OF WARRANTY**

GF Health Products, Inc. (“GF”) warrants to the original purchaser only that it will replace or repair components, at GF’s sole discretion, that are defective in material or workmanship under normal use and service. All warranties are conditioned upon the proper use of the products strictly in accordance with good commercial practice and applicable GF instructions and manuals, including proper use and maintenance. To the extent that a component is warranted by a third party, GF conveys all of its rights under that warranty to the original purchaser, to the extent permitted. This limited warranty shall only apply to defects that are reported to GF’s customer service team within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. This limited warranty is not transferable.

The warranted components and time period are set forth below:

Frame: two years

The applicable warranty period shall commence from date of shipment to the original customer, unless there is an expiration date on the component in which case the warranty shall expire on the earlier of warranty period or the expiration date.

### **OBTAINING WARRANTY SERVICE**

This limited warranty shall only apply to defects that are reported to the Distributor from whom the Customer purchased the product within the applicable warranty period. If there is not a Distributor, you must contact GF directly by calling 1.770.368.4700, sending a fax request to 1.770.368.2386, or by e-mailing a request to [cs@grahamfield.com](mailto:cs@grahamfield.com). Specific directions will be provided by the Customer Service Representative. Failure to abide by the specific directions will result in denial of the warranty claim.

The warranty does not cover and GF shall not be liable for the following:

- 1) Defects, damage, or other conditions caused, in whole or in part, by misuse, abuse, negligence, alteration, accident, freight damage, tampering or failure to seek and obtain repair or replacement in a timely manner;
- 2) Products which are not installed, used, or properly cleaned and maintained as required in the official manual for the applicable product;
- 3) Products considered to be of a non-durable nature including, but not limited to: filters, fuses, gaskets, lubricants, and charts;
- 4) Accessories or parts not provided by GF;
- 5) Charges by anyone for adjustments, repairs, replacement parts, installation or other work performed upon or in connection with such products which are not expressly authorized in writing, in advance, by GF;
- 6) Any labor or shipping charges incurred in the replacement part installation or repair;
- 7) Costs and expenses of regular maintenance and cleaning; and
- 8) Representations and warranties made by any person or entity other than GF.

## **ENTIRE WARRANTY, EXCLUSIVE REMEDY AND CONSEQUENTIAL DAMAGES DISCLAIMER**

THIS WARRANTY IS GF'S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. GF MAKES NO IMPLIED WARRANTIES OF ANY KIND INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF ANY MODEL OR SAMPLE WAS SHOWN TO THE CUSTOMER, SUCH MODEL OR SAMPLE WAS USED MERELY TO ILLUSTRATE THE GENERAL TYPE AND QUALITY OF THE PRODUCT AND NOT TO REPRESENT THAT THE PRODUCT WOULD NECESSARILY CONFORM TO THE MODEL OR SAMPLE IN ALL RESPECTS. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PARTS. GF SHALL NOT BE LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO: DAMAGES FOR LOSS OF PROFITS OR INCOME, LOSS OF USE, DOWNTIME, COVER, OR EMPLOYEE OR INDEPENDENT CONTRACTOR WAGES, PAYMENTS AND BENEFITS.

The warranties contained herein contain all the representations and warranties with respect to the subject matter of this document, and supersede all prior negotiations, agreements and understandings with respect thereto. The recipient of this document hereby acknowledges and represents that it has not relied on any representation, assertion, guarantee, warranty, collateral contract or other assurance, except those set out in this document.

For additional information on this product or this warranty, please contact a GF Customer Service Representative.

### **NOTES:**

- 1) Additional terms and conditions may apply.
- 2) Freight claims must be notated on the appropriate shipping documents and must be made with immediacy. International, federal and state regulations govern specific requirements for freight claims. Failure to abide by those regulations may result in a denial of the freight claim. GF will assist you in filing the freight claim.
- 3) Claims for any short shipment must be made within three (3) days of the invoice date.



1.770.368.4700

Information contained herein is subject to change.  
The most current and complete product information can be found on our website.  
[grahamfield.com](http://grahamfield.com) / [gendroninc.com](http://gendroninc.com)

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