



Germa EasyFix PLUS Vacuum Mattress

Application

Germa innovative renewed designed line of Vacuum Mattresses:

EasyFix PLUS is a development work based on earlier experiences from the original high quality materials traditionally used producing Germa world class vacuum mattresses.

EasyFix PLUS vacuum mattress using improved body shape design to optimize the vacuum mattress capabilities. Offers 20% saving on storage space of the mattress compared to Germa All In One Vacuum Mattresses.

EasyFix PLUS unique construction which deliver improved fixation of upper back, neck when excluding cervical collar on the patient and reinforced base plate that cover all of cervical spine. This together with fixation restraint system using X-system to support and create most effective immobilisation.

- Head, neck and upper back part improved with wood part to secure stronger immobilisation
- **New improved chambers system for head neck and upper back**
- **Improved design of neck support to support patient without use of cervical collar**
- **Reinforced reverse of the mattress to reduce friction and improve handling and durability**
- **Improve head strap system for comfort and immobilization**
- Compliant to EN 1789 and 1865
- Carry capacity of 250 kg, 10 handles
- Light weighted and small storage

Specifications

Maximum shrinkage on length: 1%
 Maximum shrinkage on width: 3%
 Approved according to European Standard EN 1865 and EN 1789

Material:

Outer material:
 Polyester fibre, PVC-coated (flame retardant)
 Inner bag: Polyester
 Granules: Styropor granules (flame retardant)
 Wood board upper part: Birch plywood

Size:

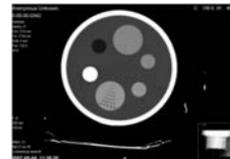
Length: 208 cm (81,9 in)
 Width: 130 / 72 cm (51,2 / 28,4 in)
 Thickness: 4,5 cm (1,77 in)

Weight:

8,0 kg (17,1 lb) without fixation straps
 8,4 kg with fixation straps
 11,5 kg total weight including fixation straps + footrest pump + bag



X-ray, CT and MRI transparent



Reinforced reversers of the mattress to reduce friction and improve patient handling



EasyFix PLUS	Dimensions and weight
Art no: 271 511 000 Art: EasyFix PLUS Vacuum Mattress	L208xW130x72x4,5 cm
5 handels on each side including restraint system	Weight 8,4 kg
Art no: 271 511 001 EasyFix PLUS Ready2go	Bag size and weight
Including: Vacuum mattress + restraint system + footrest vacuum pump + repair kit + bag	W 78/68 H 62 T 27 cm
	11,5 kg

Germa EasyFix PLUS Vacuum Mattress

Features / Benefits

Compliant to EN 1789 and 1865

Approved for European standard and crash tested for 10-G

Germa head pillow design including rigid wood part solution

Efficient, quick and improved neck and head immobilisation, with visible ears in one go

Reinforced reverse of the mattress to reduce friction.

Designed to allow improved patient handling

Improved head, neck and upper back for fixation/immobilization of a patient without neck collar applied.

Support upper back, neck and head for safe immobilization when not using cervical collar

One-piece back of the mattress, providing the patient with even spine support.

Allows preliminary X-ray diagnostics, direct in to x-ray no extra handling of patient

Germa improved chamber technology for quick and easy preparation.

Give rescuers quick handling and excellent immobilisation for the patient ensuring the granulate is evenly dispersed to give the patient stable and optimal immobilisation.

Deliver consistent and rigid support and immobilisation of the patient

Safe, premium immobilisation and convenience of patient fixation.

Handles with ergonomic grip, *making patient lifts as comfortable as possible for rescuers.*

All handles are reinforced so a patient can be lifted in a patient lifting device.

Handles fixed to the bottom of mattress on piece, *maintain rigid immobilisation when lifting the patient.*

Robust welding—fully welded without any open seams or textiles, *making hygienic cleaning of the mattress easy.*

Valve with special designed hole, ensuring most suction devices fit directly into the valve, *no adapters are needed.*

Reverse air lock system, *no closing of valve at stressful site.*

Made from plastic makes it ideal for X-ray.

Improved V-shaped design to make sure upper wide part will make *all sized patients the very best immobilisation of the back, neck and head.*

X-designed restraint belt fixation close to the patient, *support immobilisation process and*

comfortable for patient. Supplied with five colour coded straps either with fix lock, *helping the rescuer to place the straps correctly and easy to stretch and adjust.*

Outer material is made of flame retardant PVC-coated fabric. *It is flexible making it easy to mould the mattress around the patient.*

Design of the upper part allow the rescuer to place the arm(s) in two different options, *make sure to give the rescuer access to patient arm for treatment requested via patient arm(s)*

Extra layer built under the mattress, safety, *minimize risk of damage the fixation, last longer.*

Robust and efficient material to hold vacuum for more than 24 hours, *safety for patient and make confiding immobilisation.*

High load capacity 250 kg, safe to handle heavy duty people

Closing mechanisms of the straps, plastic buckle Fix lock, *allowing the user to quick tighten and adjust restraints on the patient.*

PVC coated fabric makes it *easy to clean and disinfect with most common disinfectants, easy to keep clean and ready for use.*

Repair Kit easy to use for effective repair, quick to repair no return needed

Folds easily, 20% less storage space required compared to All In One Vacuum Mattress, *it is easy to fold and store the mattress in a protective bag and save storage space.*

Compliant to EN 1789 and 1865, *safety regulations including flame retardant testing.*

Approved for European standard and crash tested for 10-G

Deliver consistent and rigid support and immobilisation of the patient *Safe, premium immobilisation and convenience of patient fixation.*

High quality footrest aluminium vacuum pump evacuate with more than -700 hpa, durable and quick and time saving. According to EN 1865

Germa EasyFix Vacuum Mattress

Application

Germa offers you this new designed line of Vacuum mattresses:

EasyFix is a development work based on earlier experiences from the original high quality materials traditionally used producing Germa world class vacuum mattresses.

EasyFix vacuum mattress using new body shape design to optimize the vacuum mattress capabilities. Offers 20% saving on storage space of the mattress compared to Germa All In One Vacuum Mattresses.

EasyFix unique construction which deliver improved fixation of upper back, neck and head by reinforced base plate that cover all of cervical spine. This together with fixation restraint system using x-system to support and create most effective immobilisation.

- Head, neck and upper back part improved with wood part to secure safe and stronger immobilisation
- New improved chambers system
- Compliant to EN 1789 and 1865
- Carry capacity of 250 kg, 10 handles
- Light weighted and small storage

Specifications

Maximum shrinkage on length: 1%

Maximum shrinkage on width: 3%

Approved according to European Standard EN 1865 and EN 1789

Material

Outer material: Polyester fibre, PVC-coated (flame retardant)

Inner bag: Polyester

Granules: Styropor granules (flame retardant)

Wood board upper part: Birch plywood



Size:

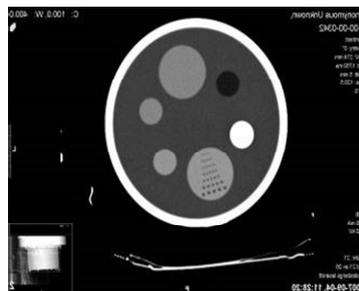


Weight:

8,0 kg without fixation straps

8,5 kg with fixation straps

9,6 kg total weight including fixation straps + footrest pump



X-ray, CT and MRI testing of translucent capacity for Germa Vacuum Mattresses

Vacuum Mattress EasyFix

Specification:

Art. No: 271 501 000

Art: EasyFix Vacuum Mattress

Art. No: 271 501 001

Art: EasyFix Vacuum Mattress Ready2go incl. Vacuum footrest pump+Repair Kit+ Bag



Features / Benefit

Compliant to EN 1789 and 1865

Approved for European standard and crash tested for 10-G and 20 G

German head pillow design including rigid wood part solution

Efficient, quick and improved neck and head immobilisation, with visible ears in one go

One-piece back, providing the patient with even spine support.

Also allows preliminary X-ray diagnostics, direct in to x-ray no extra handling of patient

German new chamber technology for quick and easy preparation

Gives rescuers quick handling and excellent immobilisation for the patient ensuring the granulate is evenly dispersed to give the patient stable and optimal immobilisation.

Deliver consistent and rigid support and immobilisation of the patient

Safe, premium immobilisation and convenience of patient fixation.

Handles with ergonomic grip, *making patient lifts as comfortable as possible for rescuers.*

Handles are reinforced *so a patient can be lifted in a patient lifting device.*

Handles fixed to the bottom of mattress one piece, *maintain rigid immobilisation when lifting the patient.*

Robust welding, fully welded without any open seams or textiles, *hygienic and easy to cleaning the mattress.*

Valve with special designed hole, *ensuring most suction devices fit directly into the valve, no adapters are needed.*

Reverse air lock system, *no closing of valve at stressful site.* Made from plastic, *makes it ideal for X-ray.*

Improved V-shaped design to make sure upper wide part to *make all sized patients the very best immobilisation of the back, neck and head.*

X-designed restraint belt fixation close to the patient, *support immobilisation process and comfortable for patient.*

Supplied with five colour coded straps either with fix lock, *helping the rescuer to place the straps correctly and easy to stretch and adjust.*

Outer material is made of flame retardant PVC-coated fabric, *it is safe and flexible making it easy to mould the mattress around the patient.*

Design of the upper part allow the rescuer to place the arm(s) in two different options, *make sure to give the rescuer access to patient arm for treatment requested via patient arm(s)*

Extra layer built under the mattress, *safety, minimize risk of damage the fixation, last longer.*

Robust and efficient material to hold vacuum for more than 24 hours, *safety for patient and make confiding immobilisation.*

High load capacity 250 kg, *safe to handle heavy duty patient.*

Closing mechanisms of the straps, plastic buckle Fix lock, *allowing the user to quick tighten and adjust restraints on the patient.*

PVC coated fabric *makes it easy to clean and disinfect with most common disinfectants, easy to keep clean and ready for use.*

Repair Kit easy to use for effective repair, *quick to repair no return needed*

Folds easily, 20% less storage space required compared to All In One Vacuum Mattress, *it is easy to fold and store the mattress in a protective bag and save storage space.*

High quality footrest aluminium vacuum pump evacuate with more than -700 hpa, *durable and quick and time saving.*



Child EasyFix Vacuum Mattress

Application

Germa new design Child EasyFix Vacuum mattress.

Child EasyFix is developed from our earlier experiences from the original high quality materials traditionally used and producing Germa world class vacuum mattresses.

Child EasyFix vacuum mattress using body shape design to optimize the vacuum mattress capabilities and limited storage volume. Intended immobilisation use for a child within the length of 90 cm up to 160cm this translate to a child between the age of approx. 5 years to 14 years.

Child EasyFix unique construction which deliver efficient fixation of upper back, neck and head. Reinforced with base plate that cover cervical spine part. Together with fixation restraint system using X-system to support and create most effective immobilisation.

- Head, neck and upper back part improved with wood part to secure stronger immobilisation
- Improved chambers system
- Head strap system
- Compliant to EN 1789 and EN 1865
- Carry capacity of 150 kg, 6 handles
- Light weighted and small storage
- Recommended patient length capacity 90 up to 160 cm.

Note! usable outside this range if effective immobilisation is deemed as having been achieved

Specifications

Maximum shrinkage on length: 1%

Maximum shrinkage on width: 3%

Approved according to European Standard EN 1865 and EN 1789

Size:

Length: 160 cm (63 in)

Width: 85 / 48 cm (33 / 19 in)

Thickness: 4,5 cm (1,77 in)

Weight:

4,0 kg (9 lb) without fixation straps

4,3 kg with fixation straps

6,0 kg total weight including fixation straps + footrest pump + bag

Material:

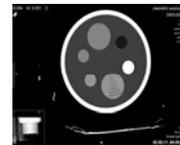
Outer material:

Polyester fibre, PVC-coated (flame retardant)

Inner bag: Polyester

Granules: Styropor granules (flame retardant)

Wood board upper part: Birch plywood



X-ray, CT and MRI testing of translucent capacity for Germa Vacuum Mattresses

Child EasyFix

Art no: 271 504 000 **Art:** Child EasyFix Vacuum Mattress

3 handels on each side including restraint system

Art no: 271 504 001 Child EasyFix Ready2go

Including: Vacuum mattress + restraint system + footrest vacuum pump + repair kit + bag

Dimensions and weight

L160xW85/48x4,5 cm

Weight 4,3 kg

Bag size and weight

60x70x55 cm 6,0 kg

FERNO 192 Full Body Vacuum Mattress

Model:

Ferno 192 Full Body Vacuum Mattress

The Full-Body Vacuum Mattress immobilizes the patient in a secure position as it conforms to any body shape. Three patient restraints with buckles to provide maximum patient security and six (6) carry handles three on each side allow the vacuum mattress to be used as a stretcher.

Includes a removable, contoured pillow and a compact durable and effective footrest vacuum pump.

Features:

- Three patient restraints with buckles to provide maximum patient security
- Inner chamber system to control the granulates this to support for quick and efficient preparation for patient immobilisation
- Six comfortable carry handles allow the splint to be used as a stretcher
- Multi fit valve that bridge to most common suction devices, no adapter needed.
- Includes removable contoured pillow and compact vacuum pump

Benefits:

- Immobilizes the patient in a secure position and conforms to any body shape without pressure points.
- High standard PVC material— durable and fire retardant
- Granulates of high density and fire retardant
- Light weight

Specifications:

- | | | |
|--------------|--------|---------|
| • Load Limit | 125 Kg | 275 lbs |
| • Width | 78 cm | 30,7 in |
| • Height | 5 cm | 2 in |
| • Length | 199 cm | 78,4 in |
| • Weight | 7 kg | 15 lbs |

Material:

Outer material: Polyester fibre, PVC-coated (flame retardant)

Inner bag: Polyamide chamber system

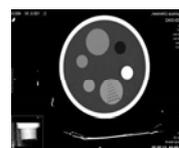
Granules: Styropor granules (flame retardant)

Specifications:

Art no: 271 404 000 Art: Ferno AS 192 Vacuum Full Body Splint model
(6 handles, 3 on each side wheel balanced)

Size: 210x80x4 cm (82,7 x 31,5 x 1,57 in)

Weight: 5,5 kg (12 lb)



X-ray, CT and MRI testing of translucent capacity for Vacuum Mattresses

EasyFix PLUS Vacuum Splints

Application

Germa EasyFix PLUS line of splints:

The EasyFix PLUS built on the original high quality, long-life model.

Easy Fix PLUS Vacuum splints are intended and designed to deliver premium stabilisation to injured patients during transport. They are suited for fixation of patients with hand, wrist, arm, leg, shoulder and/or hip injuries.

The splint moulds around the individual fracture e.g. broken arm or leg giving an absolute optimal immobilisation and very comfortable support for the patient.

Designed and constructed with inner chamber system to control and reduce needed preparation. Germa designed splints is tested and very reliable, product you can trust — world class equipment.

- Anti-Bacterial hooks and loops — hygienic
- Improved hygiene by use of BioSafe straps
- Easy to clean
- Fully welded equipment
- Designed to control foot angle for optimal immobilisation
- Flexible to positioning of the splint— premium immobilisation
- Durable material
- Multi fit valve - bridges to most common suction devises

Material

Outer material: Polyester fibre, PVC coated (flame retardant)

Inner bag: Polyamide

Granules: Styropor granules (flame retardant)



Arm Splint



Leg Splint



Full Leg Splint

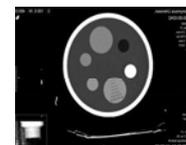


Germa One hand operated vacuum pump



Features	EasyFix
Unique inner bag with channel system, ensuring granulates are evenly dispersed. <i>Quick and easy to use.</i>	X
Robust weldings. <i>Trustful</i>	X
PVC-coated fabric that is easy to clean and disinfect.	X
Full Leg splints with extra Velcro for strap allowing the splint to be used as vacuum mattress for babies and children.	X
Full leg splint is provided with additional Velcro straps to ensure one size fits all.	X
Velcro is sewn onto a piece of PVC coated fabric to reinforce the strength of the Velcro straps.	X

Specifications	Art. No EasyFix
Full Leg Splint Immobilisation of full leg, hip or shoulder injuries to adults. Also works as a vacuum mattress for small children or babies.	136 x 73 x 3 cm Weight: 1.55 kg 272 111 000
Leg Splint Immobilisation of lower leg on adult and full leg, hip or shoulder on child. Also works as a vacuum mattress for babies.	98 x 61 x 3 cm Weight: 1.15 kg 272 112 000
Arm Splint Immobilisation of arm, forearm and wrist fractures.	74.5 x 39 x 3 cm Weight: 0.75 kg 272 113 000
Splint Set I Arm, Leg, Repair Kit, Pump and Bag.	75 x 37 x 18 cm Weight: 3.10 kg 272 114 000
Splint Set II Arm, Leg, Full leg, Repair Kit, Pump and Bag.	75 x 37 x 18 cm Weight: 4.65 kg 272 115 000
Vacuum Pump One-hand-operated Vacuum Pump.	Weight: 0,6 272 000 701



X-ray, CT and MRI testing of translucent capacity for Germa Vacuum Splints

EasyFix Vacuum Splints

Application:

Germa offers EasyFix line of splints:

The EasyFix line is an improvement of Germa original high quality, long-life Orange Line model.

Easy Fix Vacuum splints are intended and designed to deliver premium immobilisation and stabilisation to injured patients during transport. They are suitable for fixation of patients with hand, wrist, arm, leg, shoulder and/or hip injuries. The splint moulds around the individual fracture giving an absolute optimal and very comfortable support to the patient.

Designed and constructed to reduce needed preparation by inner chamber system to reduce time for preparations and is a tested very reliable product you can trust, world class equipment.

- Designed to control foot angle for optimal immobilisation
- Flexible to positioning of the splint— premium immobilisation
- Durable material
- Multi fit valve - bridges to most common suction devices

Material

Outer material: Polyester fibre, PVC coated (flame retardant)

Inner bag: Polyamide

Granules: Styropor granules (flame retardant)



Arm Splint

Leg Splint

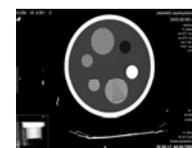


Full Leg Splint



Features	EasyFix
Unique inner bag with channel system, ensuring granulates are evenly dispersed. <i>Quick and easy to use.</i>	X
Robust weldings. <i>Trustful</i>	X
PVC-coated fabric that is easy to clean and disinfect.	X
Full Leg splints with extra Velcro for strap allowing the splint to be used as vacuum mattress for babies and children.	X
Full leg splint is provided with additional Velcro straps to ensure one size fits all.	X
Velcro is sewn onto a piece of PVC coated fabric to reinforce the strength of the Velcro straps.	X

Specifications	Art. No EasyFix
Full Leg Splint Immobilisation of full leg, hip or shoulder injuries to adults. Also works as a vacuum mattress for small children or babies.	136 x 73 x 3 cm Weight: 1.55 kg 272 101 000
Leg Splint Immobilisation of lower leg on adult and full leg, hip or shoulder on child. Also works as a vacuum mattress for babies.	98 x 61 x 3 cm Weight: 1.15 kg 272 102 000
Arm Splint Immobilisation of arm, forearm and wrist fractures.	74.5 x 39 x 3 cm Weight: 0.75 kg 272 103 000
Splint Set I Arm, Leg, Repair Kit, Pump and Bag.	75 x 37 x 18 cm Weight: 3.10 kg 272 104 000
Splint Set II Arm, Leg, Full leg, Repair Kit, Pump and Bag.	75 x 37 x 18 cm Weight: 4.65 kg 272 105 000
Vacuum Pump One-hand-operated Vacuum Pump.	Weight: 0,6 272 000 701



X-ray, CT and MRI testing of translucent capacity for Germa Vacuum Splints

Germa Vacuum Splints Orange Line— Blue Line

Application

Germa offers two original lines of splints:

- * The Orange line is the original high quality, long-life model.
- * The Blue Line is Germa more basic model.

The Germa Vacuum splints are intended to stabilise injured patients during transport. They are suited for fixation of patients with hand, wrist, arm, leg, shoulder and/or hip injuries. The splint moulds around the individual fracture giving an optimal immobilisation and comfortable support.

Material:

Outer material: Polyester fibre, PVC coated (flame retardant)
 Inner bag: Polyamide
 Granules: Styropor granules (flame retardant)

Features

- Unique inner bag with channel system, ensuring granulates are evenly dispersed.
- Robust weldings.
- PVC-coated fabric that is easy to clean and disinfect.
- Leg splints with extra Velcro for strap allowing the splint to be used as vacuum mattress for babies and children.
- Full leg splint is provided with additional Velcro straps to ensure one size fits all.
- Velcro is sewn onto a piece of PVC coated fabric to reinforce the strength of the Velcro straps.



Orange Line Blue Line

X	
X	X
X	X
X	
X	X
X	

Full Leg Splint

Immobilisation of full leg, hip or shoulder injuries to adults. Also works as a vacuum mattress for small children or babies

Size	Weight	Art no	Orange Line	Blue Line
136 x 73 x 3 cm	1.55 kg	272 001 000		272 701 000

Leg Splint

Immobilisation of lower leg on adult and full leg, hip or shoulder on child. Also works as a vacuum mattress for babies

98 x 61 x 3 cm	1.15 kg	272 002 000		272 702 000
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Arm Splint

Immobilisation of arm, forearm and wrist fractures.

74.5 x 39 x 3 cm	0.75 kg	272 003 000		272 703 000
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Forearm Splint

Immobilisation of forearm and wrist fractures.

40 x 27 x 3 cm	0.4kg	272 007 000		272 707 000
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Wrist Splint

Immobilisation of wrist.

40 x 37 x 3 cm	0.45 kg	272 006 000		272 706 000
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Splint Set I

Arm, Low Leg, Pump, Repair Kit and Bag.

	3.2 kg	272 004 000		272 704 000
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Splint Set II

Arm, Low Leg, Full leg, Pump and Bag.

	4,6 kg	272 005 000		272 705 000
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Vacuum Pump

One-hand-operated Vacuum Pump.

	0,6 kg	272 000 701		272 000 701
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Ferno AS 190 Vacuum Splints Line

Ferno AS 190 Vacuum Splints are fast, effective, and versatile, and provide the best possible support with the least amount of effort. They are made with durable, vinyl-coated nylon that is supple enough to be molded around an injured extremity, yet tough enough to withstand repeated daily use. Easy to clean and maintain. Kit includes three splints (small, medium, and large), compact vacuum pump, repair kit and carrying case



Features

- Hook-and-loop adjustable straps hold the splint securely in place
- Evacuation pump extracts air, moving tiny polystyrene beads closer together to form a moldable cast
- Constructed of durable PVC-coated polyester that can be molded effectively around an injured extremity

Benefits

- Ideal for dislocated shoulders, suspected fractures of arms, legs, and joints, or infant immobilization
- Kit includes three splints (small, medium, and large), compact vacuum pump, repair kit and carrying case

Germa / Ferno Splint set

Germa Vac Splint Kit

Art. No 005002210

QTY		AS 190 Kit Contents of
1	AS 100	Arm Splint 55x35x2,5cm
1	AS 120	Arm splint 80x63x2,5 cm
1	AS 140	Full leg splint 1160x70x2,5 cm
1		Bag 86x32x16 cm
1		Pump one hand operated
1		Repair Kit

Pump

Feature	Advantage	Benefit
Durable construction	Unlike others this does not break and more force can be used	Lasts longer
		Always ready
		No repair time
		Time saved
High volume pump	Quick to use	Time saved, more efficient
Hand pump is one hand operated	Leaves you with one hand free	Hold the splint and arm/leg while
		Better application
		Patient feels more secure as a result of improved extraction of air



Ferno AS 190 Splints

Feature	Advantage	Benefit
Durable and soft material	Easier to apply	Lasts longer
		Better immobilisation
Multi fit valve	Fits most pumps, electrical or manual	Use any available pump
Opening and closing of valve follows all logic	You do not have to think or read instructions in the dark	Easy - no hassle, more secure
Interchangeable valve	Take a valve from another equipment if necessary	Never out of service
Screen system	Ensures granulates not to be lost	Better immobilisation for the patient
		Easy to work with, safety
Velcro welded on the material	Wear and tear is better distributed	Lasts longer, hygienic
The full leg splint is to ensure one size fits all patients	Full leg splints fits all	All patients are covered





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