SPENCER

ROCK PIN/PIN MAX

B-BAK PIN/ PIN MAX

TANGO

BABY GO

PEDI LOC

Manuale d'uso e Manutenzione
TAVOLE SPINALI
IT

Use and Maintenance Manual
SPINE BOARDS
EN

Benutzungs- und Wartungshandbuch
SPINEBOARDS
DE

Manuel d'utilisation et d'entretien
PLANS DURS
FR

Manual de uso y mantenimiento
TABLAS ESPINALES
ES

Manual de Uso e Manutenção
PRANCHAS DORSAIS
PT

Εγχειρίδιο χρήσης και συντήρησης
ΣΑΝΙΔΕΣ ΑΚΙΝΗΤΟΠΟΙΗΣΗΣ
EL

Návod k použití a údržbě
PÁTEŘNÍ DESKY
CS

SPENCER ITALIA SRL – Via Provinciale n° 12
43038 Sala Baganza (PR) – Italy

1. MODELS

The following basic models may be subject to implementation or change without notice.

- ROCK PIN
- ROCK PIN MAX
- B-BAK PIN
- B-BAK PIN MAX
- TANGO
- BABY GO
- PEDI LOC

2. INTENDED USE

2.1 INTENDED USE AND CLINICAL BENEFITS

Spine boards are devices designed to lift and immobilize patients with suspected spinal injuries. It is not foreseen that the patient be able to intervene on the devices.

2.2 TARGET PATIENTS

There are no particular indications related to the patient group.
The product configuration is able to accommodate any subject as long as he/she is within the maximum capacity and within the limits of the size of the device.

2.3 PATIENT SELECTION CRITERIA

The expected patients are typically subjects for whom it is necessary to immobilize the spine in order to avoid aggravating suspected trauma to the spine itself.
It is common practice to use a head restraint with the device to prevent any aggravation of neck injuries.
Operators must also be trained to perform device application manoeuvres so as to prevent aggravation of spinal injuries or possibly compromised organs or fractures.
The device is known to have consequences for patients related to prolonged laying on a rigid, non-anatomical surface.
The actual need for use of this type of device must therefore be carefully assessed by the rescuer in accordance with local guidelines.

2.4 CONTRAINDICATIONS AND SIDE EFFECTS

Known contraindications for spine boards are:

- Pain
- Compromised breathing caused by immobilization
- Pressure sores
- Need for additional radiological tests

2.5 USERS AND INSTALLERS

The intended users are rescue workers with in-depth knowledge related to the immobilisation and handling of people suffering from road traffic injuries, spinal injuries and fractures.

- Personnel trained for use of the device must also have training in managing lifting and handling suspended loads with people.

These devices are not intended for lay people.

Spine boards are devices intended for professional use only. Do not allow untrained persons to help while using the product, as they may cause injury to themselves or others. Despite all efforts, laboratory tests, trials, and instructions for use, standards do not always reproduce practice, so the results obtained under actual conditions of product use in the natural environment may sometimes differ significantly.
The best instructions are the continuous practice of use under the supervision of competent and trained personnel.

Operators using the device should be physically able to use the device and have good muscle coordination, as well as strong back, arms, and legs, should it be necessary to lift and/or support the device and the patient. Operators' ability must be assessed before the definition of roles in use of the stretcher.
Operators must be able to provide the necessary patient care.

2.5.1 USER TRAINING

- Regardless of your level of experience with similar devices in the past, you should carefully read and understand the contents of this manual before installing, operating, or servicing this product. In case of any questions, please contact Spencer Italia S.r.l. for the necessary clarifications.
- The product must be used only by personnel trained in the use of this product and not on other similar products.
- The suitability of the users for use of this product can be attested by the training registration, in which trained persons, trainers, date and place are specified. **This documentation must be kept for at least 10 years after the end of the product's life and must be made available to the competent authorities and/or the Manufacturer when requested. In the absence of such documentation, the relevant bodies will apply any foreseen sanctions.**
- Do not allow untrained persons to help while using the product, as they may cause injury to themselves or others.
- The product must be put into use only by personnel trained in the use of this product and not on other similar products.

Note: *Spencer Italia S.r.l. is always available for training courses..*

2.5.2 INSTALLER TRAINING

The installer must have the appropriate skills and qualifications to ensure correct attachment of any ambulance restraints. The device in itself does not require installation.

3. REFERENCE STANDARDS

REFERENCE	DOCUMENT TITLE
EU Regulation 2017/745	EU Regulation on Medical Devices

As Distributor or End-User of the products manufactured and/or marketed by Spencer Italia S.r.l., users are strictly required to be familiar with the legal provisions in force in the country of destination of the goods, applicable to the devices to be supplied (including regulations relating to technical specifications and/or safety requirements) and, therefore, to understand the requirements necessary to ensure compliance of the products themselves with all legal requirements of the territory.

4. INTRODUCTION

4.1 USING THE MANUAL

The purpose of this manual is to provide healthcare professionals with the information necessary for safe and appropriate use and maintenance of the device.

Note: *The Manual is an integral part of the device and therefore it must be kept for the entire life of the device and must accompany it in any changes of use or ownership. If any instructions for use for products other than the one received are present, please contact the Manufacturer immediately before use.*
Spencer products User Manuals can be downloaded from the site **http://support.spencer.it** or by contacting the Manufacturer. Exceptions are those items whose essentiality and reasonable and predictable use are such that it is not necessary to draw up instructions, in addition to the following warnings and indications on the label.

Regardless of your level of experience with similar devices in the past, it is advisable to carefully read and understand the contents of this manual before installing, operating, or servicing this product.

4.2 DEVICE LABELLING AND TRACEABILITY

Each device is provided with a label, placed on the device itself and/or on the packaging, which contains the Manufacturer's identification data, product, CE marking, serial number (SN) or lot number (LOT). This must never be removed or covered.
In the event of damage or removal, request a duplicate from the Manufacturer, or else the warranty will be void as the device can no longer be traced.
If the assigned Lot/SN cannot be traced, the device must be reconditioned, provided only under the responsibility of the manufacturer.

EU Regulation 2017/745 requires manufacturers and distributors of medical devices to keep track of their location. If the device is in a location other than the address to which it was shipped or sold, or if it was donated, lost, stolen, exported or destroyed, permanently removed from use, or if the device was not delivered directly from Spencer Italia S.r.l., please register the device at **http://service.spencer.it**, or inform Customer Service (see § 4.4).

4.3 SYMBOLS

Symbol	Meaning	Symbol	Meaning
CE	Device in compliance with EU Regulation 2017/745		Danger – Indicates a hazardous situation that may result in a situation directly related to serious injury or death.
MD	Medical device		See the user manual
	Manufacturer	LOT	Lot number / REF Product code
	Date of manufacture		Do not use in MRIs
UDI	Unique Device Identifier	Rx only	Caution: Federal Law restricts this device to sale by or on the order of a licensed practitioner (only for USA Market)
(01)8057711230006 (11) 200626 (10) 1234567890			Production identification Alphanumeric code that identifies the production units of the device, composed of: (01)805771123 company prefix 000 progressive GS1 6 control number (11)200626 date of production (YYMMDD) (10)1234567890 lot/SN

4.4 WARRANTY AND SERVICE

Spencer Italia S.r.l. guarantees that products are free from defects for a period of **one year from the date of purchase**.
For information regarding correct interpretation of the instructions for use, maintenance, installation or return, please contact Spencer Customer Service tel. +39 0521 541154, fax +39 0521 541222, e-mail **service@spencer.it**.
To facilitate service, always indicate the lot number (LOT) or serial number (SN) on the label attached to the package or device itself.
Warranty and service conditions are available at http://support.spencer.it.
Note: *Record and keep with these instructions: lot (LOT) or serial number (SN), if present, place and date of purchase, date of first use, date of checks, user name and comments.*

IT

To ensure the traceability of the products and protect maintenance and service procedures on your devices, Spencer has made the SPENCER SERVICE portal (**http://service.spencer.it/**) available to you. From this site, you can view the data of the products in your possession or placed on the market, monitor and update schedules for periodic checks and view and manage special maintenance.

EN

5. WARNINGS/DANGERS

Warnings, dangers, notes, and other important safety information are provided in this section and are clearly visible throughout the manual. .

Product features

DE

Use of the product for any purpose other than that described in the User Manual is prohibited.

- Before each use, always check the conditions of the product, as specified in the User Manual. In the event of faults/damage that could compromise its functionality/safety, immediately remove it from service and contact the Manufacturer.

FR

- If the product is found to be malfunctioning, immediately use a similar device to ensure continuity of ongoing operations. Non-compliant devices must be taken out of service.
- The product must not be tampered with or modified without the manufacturer's authorisation (modification, tweaking, additions, repair, use of non-approved accessories), as they may constitute imminent danger of injury to persons and material damage. Should these operations be performed, we decline any responsibility for incorrect operation or any damage caused by the product itself; moreover, the CE marking and the product warranty shall be null and void.
- When using the devices, position and adjust them in such a way that they do not hinder operator works or the use of any other equipment.

ES

- Be sure to take every precaution to avoid hazards from contact with blood or body secretions, if applicable.
- Avoid contact with sharp or abrasive objects.
- Operating temperature: from -5°C to + 50°C.

Storage

PT

- The product must not be exposed or come into contact with thermal sources of combustion or flammable agents, but must instead be stored in a dry, cool place, away from light and sun.
- Do not store the product under other more or less heavy materials that may damage the product.
- Store and transport the product with its original packaging, otherwise the warranty shall be invalidated.
- Storage temperature: -10°C to +60°C.

EL

Regulatory requirements

CS

As Distributor or End-User of the products manufactured and/or marketed by Spencer Italia S.r.l., users are strictly required to be familiar with the legal provisions in force in the country of destination of the goods, applicable to the devices to be supplied (including regulations relating to technical specifications and/or safety requirements) and, therefore, to understand the requirements necessary to ensure compliance of the products themselves with all legal requirements of the territory.

- Promptly and in detail notify Spencer Italia S.r.l. (already in the quotation request phase) about possible fulfilments by the Manufacturer necessary for the compliance of products with specific legal requirements of the territory (including those deriving from regulations and/or regulatory provisions of another nature).
- Act with due care and diligence to help ensure compliance with the general safety requirements of the devices placed on the market, providing end-users with all the information necessary to carry out periodic revisions on the supplied devices, exactly as indicated in the User Manual.
- **Participate in safety checks on products** placed on the market, transmitting information regarding product risks to the Manufacturer as well as to the Competent Authorities for their respective actions.
- Without prejudice to the above, the Distributor or End-User shall assume wider liability related to non-compliance with non-fulfilment of the above-mentioned obligations, with consequent obligation to indemnify and/or hold Spencer Italia S.r.l. harmless from any possible injurious effect.
- With reference to EU Regulation 2017/745, please note that public or private operators who, when exercising their activity, detect an incident involving a medical product are required to notify the Ministry of Health, within the terms and in the manner established by one or more ministerial decrees, and notify the Manufacturer. Public or private health care professionals are required to notify the Manufacturer of any other incident that may allow the adoption of measures to ensure the protection and health of patients and users.

General warnings for medical devices

The user must carefully read the following in addition to the general warnings.

- It is not foreseen that application of the device lasts longer than the time required for first aid operations and subsequent transport to the nearest rescue point.

- ⚠ Qualified personnel and at least two operators must be present during use of the device.
- Do not use if the device or parts of it are punctured, torn, frayed, or excessively worn.
- Follow the internal procedures and protocols approved by your organisation.
- ⚠ Do not alter or modify the device arbitrarily, as doing so could result in unpredictable operation and damage to the patient or rescuers and shall void the manufacturer's warranty and release the manufacturer from all liability.
- Disinfection operations must be carried out in accordance with the validated cycle parameters, as stated in the specific technical standards.
- Do not use drying machines to dry the device.

6. SPECIFIC WARNINGS

To use the spine boards, you must also have read, understood and carefully follow all the instructions in the user manual.

- ⚠ Always comply with the maximum capacity, if any, indicated in the User Manual. Maximum load capacity means the total weight distributed according to human anatomy. When determining the total weight load on the product, the operator should consider the weight of the patient, equipment and accessories. In addition, the operator should assess whether the overall size of the patient reduces the functionality of the product.
- If foreseen for the device, make sure that operators are in good physical condition before lifting, as listed in the User Manual.
- Establish a maintenance program and periodic checks, identifying a designated reference person. The person entrusted with routine maintenance of the device must ensure the basic requirements envisaged by the manufacturer within these operating instructions.
- All maintenance activities must be recorded and documented with the relevant technical operation reports. This documentation must be kept for at least 10 years after the end of the device's life and must be made available to the competent authorities and/or the manufacturer when requested.
- Never leave the patient on the device unsupervised, as they could get injured.
- Avoid contact with sharp objects.
- Follow approved Emergency Medical Service procedures for patient immobilization and transportation.
- ⚠ Follow approved Emergency Medical Service procedures for patient positioning and transportation.
- Before lifting, make sure that operators have a secure grip on the supporting structure of the device.
- **Perform rescue simulations with a stretcher and a patient simulating load and accessories before putting the device into service.**
- ⚠ At least 4 operators in suitable physical conditions are required for use of the device. They must be endowed with strength, balance, coordination, common sense and must be trained on the correct operation of the device.
- For patient loading techniques for particularly heavy patients, for operations on steep terrain or in special and unusual circumstances, the presence of more than two operators is recommended in addition to the minimum foreseen operators.
- Before each use, always check the conditions of the device and its components, as specified in the user manual. In case of faults or damage that may compromise the functionality and safety of the device, and therefore the patient and the operator, remove the device from service or replace the components that are not intact.
- Do not lift the stretcher if the weight is not properly distributed.
- Use the devices only as described in this user manual.
- Do not alter or modify the device to adapt it to unforeseen conditions of use: doing so could result in unpredictable operation and damage to the patient or rescuers and shall void the manufacturer's warranty and release the manufacturer from all liability.
- **The device is expected to come into contact through the patient's clothing. In case of direct contact with the skin, place a protective surgical drape over it to avoid contamination from substances that may have contaminated the device.**
- ⚠ During lifting, the stretcher must be kept horizontal with respect to the ground. Any abnormal inclination can cause serious damage to the patient, the device and the operator.
- ⚠ The use of floats, an accessory to the device, is classified as high risk or of a purely technical nature; these interventions must be carried out solely by personnel adequately trained and experienced in rescue.
- ⚠ To preserve the life of the device, protect it as much as possible from UV rays and adverse weather conditions.
- Always observe the maximum applicable static safety load indicated in this use and maintenance manual. Maximum static load is intended as a mechanical force applied slowly, not quickly, beyond which the device may not be safe. This value does not take into account the dynamic forces to be added to the static load, such as shocks, vibrations and possible weather and climate conditions during use of the device.
- Never leave the patient unsupervised when the device is in use, as they could get injured.
- After washing, the device and all its components must be left to dry completely before storage away from sunlight and direct heat sources.
- Do not machine wash the device.
- Avoid contact with sharp objects.
- Never use solvents or stain removers.
- Do not use the device if cuts, burns, abrasions, open seams or fraying are present.
- Do not drag the device on rough surfaces.
- Always check the conditions of all parts of the straps and buckles before each use.
- Immediately replace devices with worn or damaged straps or buckles.
- Position and adjust the straps and buckles in such a way that they do not hinder rescuer operations or use of the use of rescue equipment.
- Keep the appropriate documentation for a period of ten years from the date of transfer to the final consumer and, therefore, show, where required, to trace the origin of the products.
- Use of the device without proper patient immobilization can result in serious damage. Always make sure that the patient is properly immobilized before using the device.
- The rescuer must assess the actual need for use of this type of device in accordance with local guidelines.
- If the device is used with its own dedicated Spencer fixing system, make sure that this system has been correctly installed. After placing the spine board on its fixing, make sure that it is firmly anchored to its stop.

7. RESIDUAL RISK

No residual risks, or rather risks that could arise despite compliance with all warnings in this user manual, have been identified.

8. TECHNICAL DATA AND COMPONENTS

Note: *Spencer Italia S.r.l. reserves the right to make changes to specifications without notice.*

ROCK PIN/ROCK PIN MAX	
1	Main spine board body
2	Handles and Pins

IT

EN

DE

FR

ES

PT

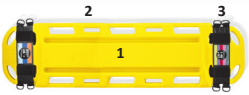
EL

CS

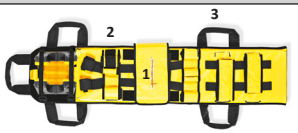
B-BAK PIN/ B-BAK PIN MAX	
1	Main spine board body
2	Handles and Pins

TANGO	
1	Spine board (external part – adult)
2	Removable pediatric spine board
3	Pediatric board stops

BABY GO	
1	Main spine board body
2	Handles
3	Head restraint fixing straps

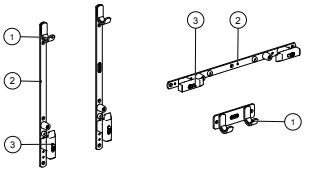


PEDI LOC	
1	Spine board
2	Restraint straps
3	Handles

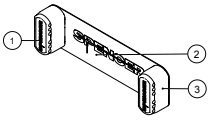


Fixing accessories

N°	COMPONENT DESCRIPTION	MATERIALS
1	Spine supports	Aluminium/Stainless steel
2	Rod for wall installation	Aluminium/Stainless steel
3	Stops	Nylon



N°	COMPONENT DESCRIPTION	MATERIALS
1	Spinal immobilizers	Nylon
2	Adhesive template for installation drilling	Laminated paper
3	Wall-mounting blocks	Nylon



CHARACTERISTICS	ROCK PIN	ROCK PIN MAX
Length (mm)	1840	1840
Width (mm)	445	445
Thickness (mm)	50	50
Handles	16	16
Anchor Pin	14	14
Maximum load capacity (kg)	200	350
Radiotransparent	YES	YES
Weight	7,3 ± 0,1 kg	
Material	Polyethylene	

CHARACTERISTICS	B-BAK	B-BAK PIN	B-BAK PIN MAX	TANGO	BABY GO
Length (mm)	1840	1840	1840	1830	1190
Width (mm)	405	405	405	445	320
Thickness (mm)	45	45	45	55	45
Handles	14	14	14	14	10
Anchor pin	/	8	8	/	/
Maximum load capacity (kg)	180	180	454	150	30
Weight (kg)	6,5	6	6	8	3
Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene

CHARACTERISTICS	PEDI LOC
Length (mm)	1220
Width (mm)	250
Thickness (mm)	30
Weight (with bag and accessories) (kg)	4,5
Maximum load capacity (kg)	30
Material	Pvc/Wood/polyurethane

CHARACTERISTICS	HORIZONTAL FIXING	VERTICAL FIX BOARD	
Dimensions (mm)	545x25x65 ± 5 mm per piece	Upper part	Lower part
		570x25x65 ± 5mm	180x50x55 ± 5mm
Materials	Steel, Nylon, Brass		
Weight (kg)	1,5 ± 0,2 kg	nd	

CHARACTERISTICS	WALL SUPPORT FOR BABY GO
Dimensions (mm)	282x80x38 mm
Materials	Nylon
Weight (kg)	150 g

9. COMMISSIONING

For first use, check that:

- Packaging is intact and has protected the device during transportation
- Check that all parts included in the packing list are present
- General functionality of the device
- Product cleanliness
- Absence of cuts, holes, tears or abrasions on the entire device.

See paragraph 11 for how to carry out the above-mentioned checks.
Do not modify the device or its parts for any reason as this could cause damage to the patient and/or rescuers.

⚠ **Failure to take the above measures will preclude safe use of the device, resulting in risk of damage to the patient, operators and the device itself.**
For subsequent use, perform the operations specified in paragraph 12.
If the above conditions are met, the device may be considered ready for use; otherwise, you must immediately remove the device from service and contact the Manufacturer.

Do not alter or modify the device arbitrarily, as doing so could result in unpredictable operation and damage to the patient or rescuers and will void the warranty and release the Manufacturer from all liability.

10. OPERATING CHARACTERISTICS

See paragraph 11 - Proper use for operating characteristics.

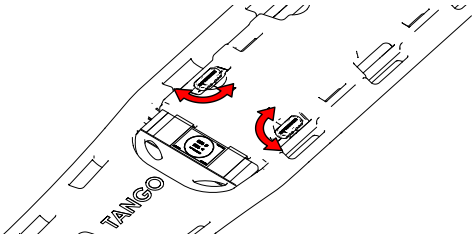
11. PROPER USE

Primary medical evaluations must be carried out before intervening on the patient.

11.1 GUIDELINES FOR SPINE BOARD USE

Before using the spine board, you should carefully read the user manual for all accessories that you plan to use with the board, such as belts, cervical collars, head restraints and ankle restraints.
Strictly follow the local emergency service guidelines before placing the patient on the spine board.
Carefully assess the need for a cervical collar, head restraint or other immobilization aids in addition to the necessary restraint belts.

Baby Go has 4 zones of different depths in relation to the patient support surface. The side to be used must be assessed by the rescuer in order to improve the alignment of the cervical section, compensating for the different occipital prominence typical of pediatric patients.
To separate Baby Go from the adult spine board, rotate the red clips 90° so that the pediatric board can be removed.
Once the board has been used, place it back into the adult board by turning the same clips as before, making sure that the two devices are correctly attached as shown in the image.



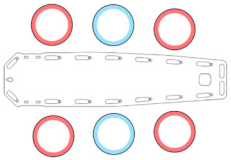
The spine boards can be used to perform preliminary X-ray diagnostics to confirm or refute the hypothesis of the presence of spinal lesions on the patient.
Tango should not be used in MRI rooms.

11.2 APPLYING IMMOBILIZATION ACCESSORIES

After positioning the patient, it is essential to apply restraint belts or spider straps in accordance with the user manual for these devices.
If the patient's condition requires and/or allows it, apply a head restraint, neck brace, cervical collar until an adequate degree of immobilization is achieved.
Make sure that the patient is correctly immobilized.

11.3 LIFTING THE PATIENT

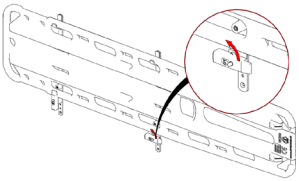
Never use cranes, slings or other systems to lift the device.
Lifting is only permitted by hand and by an appropriate number of operators (minimum 4).
Operators must be positioned symmetrically and in such a way to allow safe, stable lifting of both the head and foot sides of the spine board.
If the 4 minimum operators foreseen (illustrated in red) is not sufficient to ensure the safety of operations, two additional operators (illustrated in blue) must hold the device in the central area in order to distribute the load as best as possible.
The maximum load on each operator must never exceed the maximum load permitted by work safety regulations.

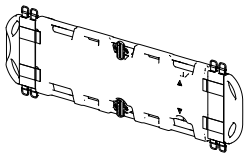


11.4 USING FIXING SYSTEMS

To use the vertical or horizontal FIX Board fixing systems, place the handles of the spine board on the fixing system hooks, push the spine board against the wall, then secure it by turning the special stops.

To attach the baby go spine board, insert the clips of the wall bracket into the central handles where the clips are located, then turn the red clips of the fixing system.





12. CLEANING AND MAINTENANCE

Spencer Italia S.r.l. declines all responsibility for any direct or indirect damage which is the consequence of improper use of the product and spare parts and/or in any case of any repair carried out by a person other than the Manufacturer, who uses internal and external technicians authorised to do so; moreover, doing so will invalidate the warranty.

- The operator must wear suitable personal protective equipment, such as gloves, goggles, etc. during all checking, maintenance and cleaning operations.
- Establish a maintenance schedule, periodic inspections and extend the average life span, if foreseen by the Manufacturer in the User Manual, identifying a reference person who meets the basic requirements set forth in the User Manual.
- **The frequency of inspections is determined by factors such as legal requirements, type of use, frequency of use, and environmental conditions during use and storage.**
- Repairs of products manufactured by Spencer Italia S.r.l. must be carried out by the Manufacturer, who shall make use of specialised internal or external technicians who, using original spare parts, shall provide quality repair service in strict compliance with the technical specifications indicated by the Manufacturer. Spencer Italia S.r.l. declines any responsibility for any direct or indirect damage which is a consequence of improper use of spare parts and/or any repair work carried out by unauthorised parties.
- All maintenance and overhaul activities must be recorded and documented with the relevant technical operation reports. This documentation must be kept for at least 10 years after the end of the product's life and must be made available to the competent authorities and/or the Manufacturer when requested.
- Cleaning, provided for reusable products, must be carried out in accordance with the Manufacturer's instructions in the User Manual in order to avoid the risk of cross-infection due to the presence of body fluids and/or residues.
- If required, the product and all its components must be washed and left to dry completely before storage.

IT

12.1 CLEANING

Failure to carry out the correct cleaning operations could increase the risk of cross-infection due to presence of body fluids and/or residues.
The operator must wear suitable personal protective equipment, such as gloves, goggles, etc. during all checking and cleaning operations.

EN

Clean the exposed parts with water and delicate soap. **Never use solvents or stain removers.**
Rinse thoroughly with lukewarm water, making sure you have removed all traces of soap, which may deteriorate or compromise conditions and durability. Avoid using high pressure water, as it penetrates the joints and removes lubricant, creating the risk of corrosion on components. Let dry completely before storing. Drying after washing or after use in a wet environment must be natural and not forced. Do not use flames or other direct heat sources.
After complete drying, proceed with lubrication as described below.

DE

If disinfecting, use products that do not have a solvent or corrosive action on materials constituting the device, in addition to being classified as medical-surgical devices.
Carefully follow the instructions of the manufacturer of the product used with regards to the application method and contact time.
Be sure to take all precautions to ensure that there is no risk of cross-infection or contamination of patients and operators.

12.2 ROUTINE MAINTENANCE

FR

You must establish a maintenance program and periodic checks, identifying a designated reference person. The person entrusted with device maintenance must ensure the basic requirements envisaged within this user manual.
All routine and special maintenance activities and all general overhauls must be recorded and documented with the relevant technical intervention reports. This documentation must be kept for at least 10 years after the end of the device's life and must be made available to the competent authorities and/or the Manufacturer when requested.

ES

The operator must wear suitable personal protective equipment, such as gloves, goggles, etc. during all checking, maintenance and cleaning operations.

The maintenance schedule must comply with the following table:

PT

MINIMUM MAINTENANCE INTERVALS	AT EACH USE	IF NECESSARY	MONTHLY
Disinfection	•		
Cleaning		•	
Inspection	•	•	•

EL

The inspection to be carried out after each use involves:

- Check that all components are present
- Check device conditions – There must be no cracks, fissures, holes or cuts.
- Check conditions of wear – There must not be any level of abrasion that would compromise the safety of the product, for example the thinning of one or more of its parts.
- Check that the moving parts slide properly.
- Check if the pins, if present, are intact and firmly in place.
- General check of the state of wear of each component.
- Check that all the accessories provided are present, functional and intact.
- Disinfection – Par. 12.1

CS

Use only original or Spencer Italia S.r.l. approved components/replacement parts and/or accessories to carry out any operation without causing alterations or modifications to the device. Otherwise, we decline all responsibility regarding incorrect operation or any damage caused by the device to the patient or the operator, invalidating the warranty and invalidating compliance with EU Regulation 2017/745.

12.3 PERIODIC OVERHAUL

No periodic overhaul is foreseen for the device.

12.4 SPECIAL MAINTENANCE

Special maintenance can only be carried out by the Manufacturer, who uses internal and external technicians specialised and authorised by the Manufacturer itself.

Only maintenance activities carried out by specialised technicians authorised by the Manufacturer are considered valid by Spencer Italia S.r.l..
The end-user can replace only the spare parts indicated in § 15.

12.5 LIFE SPAN

The device and its fasteners, if used as described in the following instructions, has an average life span of 5 years from the date of purchase.

Spencer Italia S.r.l. will accept no responsibility for incorrect operation or damage caused by the use of devices that have exceeded the maximum allowable life span.

13. TROUBLESHOOTING TABLE

PROBLEM	CAUSE	REMEDY
The spine board does not carry the load correctly, showing excessive bending	Damaged parts	Immediately remove the device from service and contact the manufacturer
Water gets inside the board	Damaged body or lost fasteners	Immediately remove the device from service and contact the manufacturer
The Baby Go pediatric table no longer attaches with the adult part	Broken tightening components	Immediately remove the device from service and contact the manufacturer

If a problem or fault is detected that does not correspond to the above, please contact Spencer Italia srl customer care service.

14. ACCESSORIES

ST02018	RSP - UNIVERS. PEDIATR. SPINE BRD. STRAP SYST.	**SH00110**	SUPER BLUE - COMPACT UNIV. HEAD RESTRAINT BLUE
ST02015	PIN STRAPS - STRAP SYSTEM WITH HOOKS	**SH00111**	SUPER BLUE - COMPACT UNIV. HEAD RESTRAINT YELLOW
ST02020	REFLEX STRAPS - BLACK/REFLECT. STRAP SYST.	**SH00162**	SUPER BLUE HP UNIVERSAL HEAD RESTRAINT
ST02022	ECS STRAPS - SPINE BRD./MATTRESS STRAP SYST.	**SH00166**	MOD.F011 SUPER BLUE HP UNIVERSAL HEAD RESTRAINT
ST02038	SPENCER SPINE TRANSPORT BAG PVC MILITARY GREEN	**SH00201**	SPENCER CONTOUR - ANAT.UNIV. HEAD RESTRAINT YELLOW/BLACK
ST02039	T-STRAPS - UNIVERSAL SPINE BRD. STRAP SYST.	**SH00203**	SPENCER CONTOUR HP UNIVERS. HEAD RESTRAINT YELLOW/BLACK
ST02035	ROCK STRAPS - UNIVERS. SPINE BRD. STRAP SYST.	**SH00240**	TANGO FIX ADULT/PEDIATRIC INTEGRATED HEAD RESTRAINT
ST02700	PEDI PACK - CHILD RESC.TRANSP. (EMPTY) INTEGR.SYST.	**SH00246**	TANGO FIX HP ADULT/PEDIATRIC INTEGRATED HEAD RESTRAINT
ST02102	SPINE PACK EMPTY SPIN.BRD. INTEGRATED TRANSP. BAG	**SH00260**	PEDI FIX PEDIATRIC HEAD RESTRAINT
ST02105	FIX BOARD - VERTICAL 10G SPINE BOARD FIXING	**SH00262**	PEDI GO PED. CUSH. HEAD RESTR. FOR BABY GO/PEDI LOC
ST02108	FIX BOARD - HORIZONT 10G SPINE BOARD FIXING	**ST02144**	WALL SUPPORT FOR BABY GO
SH00151	FXA PRO - ANATOMICAL UNIVERSAL ANKLE RESTRAINT	**SH00500**	SUPER SX YELLOW HEAD RESTRAINT FOR PICK-UP STRETCHER
ST02106	MARK UP - PERMANENT SPINE BRD. CUSTOM. SYST.		

15. SPARE PARTS

RIST128	End cap repair kit only for B-BAK PIN / B-BAK PIN MAX

16. DISPOSAL

When devices and their accessories are no longer suitable for use, they can be disposed of as normal municipal solid waste if they have not been contaminated by special agents. Otherwise, follow the regulations in force regarding disposal.

Notice

The information in this manual is subject to change without notice.
The images are included as examples and may vary slightly from the actual device.

Prima emissione:	**20/05/2021**
Rev. 0	**20/05/2021**
Codice	**CCI5293**
First issue:	**20/05/2021**
Rev. 0	**20/05/2021**
Code	**CCI5293**
Erstausgabe:	**20/05/2021**
Überarb. 0:	**20/05/2021**
Code	**CCI5293**
Première émission:	**20/05/2021**
Rév. 0	**20/05/2021**
Code	**CCI5293**
Primera emisión:	**20/05/2021**
Rev. 0	**20/05/2021**
Código	**CCI5293**
Primeira emissão:	**20/05/2021**
Rev. 0	**20/05/2021**
Código	**CCI5293**
Πρώτη έκδοση:	**20/05/2021**
Αναθ. 0	**20/05/2021**
Κωδικός	**CCI5293**
První vydání:	**20/05/2021**
Rev. 0	**20/05/2021**
Kód	**CCI5293**

spencer.it | support.spencer.it - e-mail: info@spencer.it | service: service@spencer.it
Ph./Tel. +39.0521.541111
Quality System EN ISO 9001 – EN ISO 13485