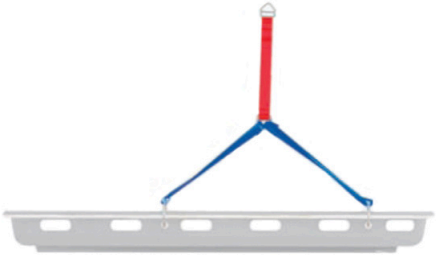
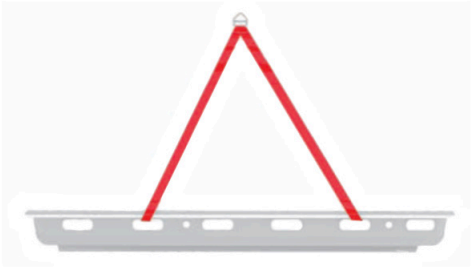
SPENCER

STX 519	STX 540
	

Manuale d'uso e Manutenzione
IMBRACATURE PER BASKET IT

Use and Maintenance Manual
HARNESSES FOR BASKET STRETCHERS EN

Betriebs- und Wartungshandbuch
GURTSYSTEME FÜR KORB DE

Manuel d'utilisation et d'entretien
HARNAIS POUR CIVIÈRE DE TRANSPORT FR

Manual de uso y mantenimiento
ESLINGAS PARA CAMILLA TIPO CESTA ES

Manual de Uso e Manutenção
ACESSÓRIOS DE ELEVAÇÃO PARA MACAS TIPO CESTO ("BASKET") PT

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.

- STX 519 – ADJUSTABLE HARNESS
- STX 540 – FIXED HARNESS

2. INTENDED USE

2.1 INTENDED USE AND CLINICAL BENEFITS

These harnesses are accessories for basket stretchers, to be used solely for lifting from a floor-mounted position (STX 519 and STX540) or for dragging (STX 519). It is not foreseen that the patient be able to intervene on the devices.

2.2 TARGET PATIENTS

The target patients are those for whom use of the basket stretcher is foreseen.

2.3 PATIENT SELECTION CRITERIA

The selection criteria are those foreseen for use of the basket stretcher.

2.4 CONTRAINDICATIONS AND SIDE EFFECTS

No particular contraindications or side effects are known with relation to use of the device, as long as it is used in accordance with the user manual.

2.5 USERS AND INSTALLERS

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The intended users are rescue workers, typically technical,. carrying out operations related to the use of harnessing systems.

- Personnel trained for use of the device must also have training in managing lifting and handling suspended loads with people.
- Personnel who carry out interventions in situations classified as high risk or which are purely technical must be suitably trained and experienced in rescue.

These devices are not intended for lay people.

Harnesses 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.

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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.**

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- 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

Installation is not required.

3. REFERENCE STANDARDS

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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.

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

4. INTRODUCTION

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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.

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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 2017/754 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
	Date of manufacture	REF	Product code
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)08057711230006 (11) 200626 (10) 1234567890			Production identification Alphanumeric code that identifies the production units of the device, composed of: (01)0805771123 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.*

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.

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

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.
- 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.
- 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

- 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.

Regulatory requirements:

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 basket stretchers, 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.

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- 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.**

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- ⚠ At least two 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 two minimum 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 winch 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.

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- ⚠ During hoisting, 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.
- ⚠ Use of the harnesses 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.
- For lifting with harness, use only the appropriate fixing points on the stretcher as indicated in the operating instructions.
- ⚠ To preserve the life of the device, protect it as much as possible from UV rays and adverse weather conditions.
- Spencer harnesses are not approved for use in aircraft.
- 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.

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- Use the device only with Basket stretchers manufactured by Spencer Italia S.r.l.
- 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.
- The lifting device/means used must be approved by the regulations in force and it will be the user's responsibility to assess its applicability and the risks associated with its use.

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- 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 harnesses without proper patient immobilization can result in serious damage. Always make sure that the patient is properly immobilized before using the harnesses.

7. RESIDUAL RISK

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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.*

STX 519

1	Spring catches
2	Belts side A
3	Belts side B
4	Sliding buckles
5	Winch application ring

STX 540

1	Lifting belts
2	Spring catches

Harness system	STX 519	STX 540
Belt length (mm)	maximum 1680 - minimum 1250	1600 and 1550
Belt width (mm)	50 / 20	30
Weight (kg)	1,8 ± 0,1	0,8 ± 0,1
Material	nylon, aluminium, steel	nylon, aluminium, steel
Fastening type	spring catch	loop
Number of fastening bands	4	4
Compatibility	All basket stretchers manufactured by Spencer	All basket stretchers manufactured by Spencer
Maximum applicable static safety load	450 kg (1000 lbs)	450 kg (1000 lbs)

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
- Verify that the spring catches close and snap closed correctly.

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

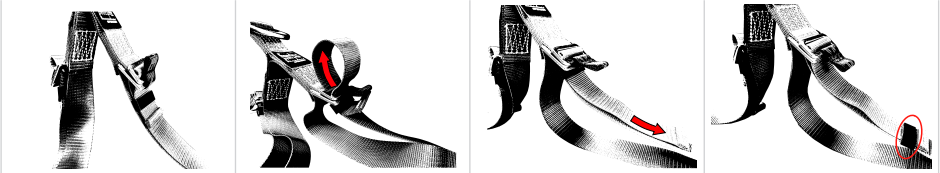
See paragraph 11 - Proper use for operating characteristics.

11.1 USING THE STX 519 SYSTEM

- Fasten the spring catches to the corresponding provided points on the basket stretcher, taking care to apply the belts of the same colour on the same side (head or feet). Make sure that the spring catches are attached correctly before lifting.

⚠ Never apply different colour belts on the same side (head or feet), as the stretcher would incline abnormally, generating dangers.

This harness is equipped with an adjustment system that lets you vary the length of each of the upper belts, thus influencing the length of the pairs of belts on Side A and Side B.



Grip one of the two primary belts on the section where adjustment can be made.	Push the upper belt, sliding it the length you want to shorten it by along the small buckle.	Then pull the free part of the belt until an adequate level of tension and tightening is reached.	Stop the belt by means of the black loop.

- Adjust the length of the belts as described above so that the stretcher is horizontal when lifted.
- Use the ring at the top of the system to attach the winch to lift the stretcher.
- Make sure the belts and spring catches do not interfere with the patient or other devices in use.

11.2 USING THE STX 540 SYSTEM

- Fasten the four loop bands to the appropriate points on the basket stretcher. Make sure that the loop bands are attached correctly before lifting.
- The bands are in pairs in different sizes to compensate for stretcher balance and to keep it horizontal when lifted. If the basket is not equally balanced, redistribute the weight inside the stretcher.
- With the spring catch in use, join the opposite ends not connected to the basket and use it to lift the stretcher.
- Make sure the belts and spring catches do not interfere with the patient or other devices in use.

11.3 USING THE STX 519 SYSTEM FOR DRAGGING

- Fasten the two spring catches to the appropriate points on the head side of the basket stretcher. Make sure that the spring catches are attached correctly before towing.
- Use the two belt grips at the end of the system to tow the stretcher.
- Make sure the belts and spring catches do not interfere with the patient or other devices in use.

ANCHORAGE POINTS FOR LIFTING HARNESSES AND ROPES

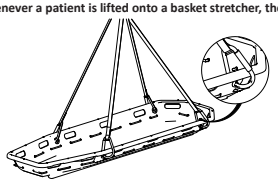
- Basket stretchers are equipped with 4 grommets or 4 slots for horizontal lifting and lowering that provide the anchorage points for the harnesses with their spring catches.

Spencer supplies accessories for operating in this lifting situation.

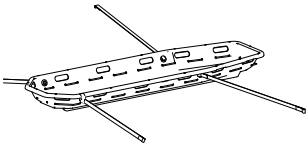
⚠ Always verify correct fastening between the harness and the stretcher fixing point. For instructions on how to use the harnesses, check the relevant product-specific user manual and also comply with the provisions of this manual.

⚠ Before lifting or lowering, after carrying out all the safety checks necessary for handling, adjust the harness and/or distribute the load inside the basket stretcher in order to balance its horizontal position when it is then handled.

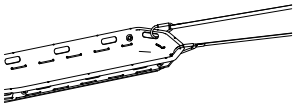
Whenever a patient is lifted onto a basket stretcher, the patient should be secured to the stretcher using an appropriate number of belts.



Using the STX 519 system



Using the STX 540 system



Using the STX 519 system for dragging

12. CLEANING AND MAINTENANCE

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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.

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- 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.

12.1 CLEANING

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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.

- 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.
- 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.

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12.2 ROUTINE MAINTENANCE

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.

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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:

Minimum maintenance intervals	At each use	If necessary
Disinfection	●	
Cleaning		●
Lubrication		●
Inspection	●	

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THE INSPECTION TO BE CARRIED OUT AFTER EACH USE INVOLVES:

- Check that all components are present
- Check that the belts are in good condition without cuts, burns, abrasions, open seams or fraying
- Check that the seams are in good condition, with no fraying or breakage
- Check that rings and spring catches comply with their original shape, are free of cracks, deep scratches and cutting Extremely careful analysis to determine if what looks like a scratch is actually a crack
- Check that the moving parts slide properly
- Check that the spring catch pins are secured in place
- Check that the spring catch locking sleeves (if present) rotate correctly and allow for secure locking
- Check that the spring catch springs are able to keep the spring catch tightened securely
- Check that the metal components are not oxidised
- Check of the readability of labels for warnings, data, life span and range
- General check of the state of wear of each component
- Disinfection – Par. 12.1

If necessary, lubricate the pins and moving parts of the spring catches, taking care to **remove excess lubricant**. You can use small quantities of multi-purpose grease or synthetic lubricant.

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, 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 spring catch locking ring does not rotate (STX519).	Possible dirt inside.	Blow with compressed air until movement is released. Lubricate if necessary.
The spring catch does not close.	Possible oxidation or dirt.	Try localised treatment with an anti-corrosive lubricant. For STX 540 only: if the problem persists, replace the spring catch.
Components otherwise damaged.	Normal wear or improper use.	Put the device out of service immediately and replace it with a similar one.

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

14. ACCESSORIES

There are no accessories for these devices.

15. SPARE PARTS

There are no accessories for these devices.

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.

Prima emissione:	**22/03/2021**
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