TECHNIMOUNT
EMS®

XTENSION PRO® ASSISTANT – LP

USER MANUAL



SAFETY AND FLEXIBILITY
WHERE IT MATTERS MOST

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For any issues with your Technimount product, its components, or for any technical questions during the installation, operation, or maintenance, please contact Technical Support at techsupport@technimount.com.

Contact Information

Technimount E.M.S. Holding Inc.

C/O: Regulatory Affairs

3770 Jean Marchand Street, Suite 100-C

Quebec (Quebec) G2C 1Y6

Canada

customerservice@technimount.com

techsupport@technimount.com

legal@technimount.com

www.technimount.com

T + 1 581 700-6613

SF + 1 888 639-2758 (North America)

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1. General Mentions and Considerations

The Xtension Pro Assistant – LP user manual includes detailed product information, standards and guidelines to assist the administrator/manager/supervisor and biomedical technician (or equivalent) with the unpacking, assembling (when indicated) and maintenance of the Technimount product. It also includes specific user-related information to assist trained EMS and clinical personnel with effectively operating the mounting system.

Please read the user manual thoroughly to fully assess, comprehend, then relay its content to EMS and clinical personnel during training, to warn them of any potential danger of its abuse, how to safely use the product and provide a safe environment for patients as well as themselves. Your established internal protocols should be updated to include the Technimount product(s) standards, guidelines, requirements and safety recommendations included within this documentation. The user manual should remain available to users when needed and relayed if the product is subsequently sold.

NOTE : Technimount continually seeks advancements in product design and quality. While the user manual contains the most updated product information available at the time of printing, it may contain minor differences from the current version, including image references. For more information, please contact Technical Support at techsupport@technimount.com.

NOTE : Technimount reserves the right to change part numbers and products without notice. Please contact Customer Service at customerservice@technimount.com to ensure product options and availability.

1.1. Intended Use

The Xtension Pro Assistant – LP is designed to aid trained EMS and clinical personnel secure and move medical devices on a LifePort AeroSled TS stretcher during air emergency medical services and critical care transport.

1.2. User Competency

To safely operate the Xtension Pro Assistant – LP, personnel must have the required skill level to comply with their function and level of interaction with the mounting system. Training should be given to EMS and clinical personnel prior to them using the Xtension Pro Assistant – LP. Refer to the « Skills Assessment of the EMS and clinical personnel » section on page 34.



Indicates who the content is intended for and the level of competency required. The definitions of the three (3) levels of competency are specified below.

- **Competent (trained EMS and clinical personnel):** Has received the required training, is sufficiently knowledgeable to safely operate the product and has passed the skills assessment (refer to the « Skills Assessment of the EMS and clinical personnel » section on page 34).

  NOTE : Any member of the EMS and clinical personnel who has not received the required training and lacks the knowledge needed to safely operate the mounting system must not use the product.

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- **Proficient (administrator/manager/supervisor):** Has in-depth knowledge and product comprehension, and is familiar with standards and guidelines. Skilled to train EMS and clinical personnel on how to safely use the product.
- **Advanced (biomedical technician or equivalent):** Has extensive mechanical experience. Skilled to perform the unpacking, assembly, safety checks and condition-based maintenance procedures as detailed herein, or the basic troubleshooting, upgrade and/or replacement procedures if applicable.

1.3. Warranties

1.3.1. Warranty Policy

This statement constitutes Technimount's entire warranty policy with regards to Technimount products. Technimount makes no other warranty or representation, neither expressed nor implied, except as stated herein. There is no warranty of merchantability or warranty of fitness for any particular purpose. Under no circumstances will Technimount be held liable hereunder for incidental or consequential damages, arising from or in any manner, related to sales or use of any such product.

Technimount E.M.S. Holding Inc. guarantees to the original "Purchaser" of the "Product" with which this "Limited warranty" is included, that the product will be free from "Defects" in workmanship and materials under normal use for a "Warranty period" of one (1) year from the product purchase date by the purchaser. During the warranty period, the product will be repaired or replaced according to the "Limited warranty" without charge to the purchaser for parts or labor. The parts and product may be repaired or replaced with new or refurbished parts or products. Herein this Limited Warranty, "Refurbished" means parts and products which have been returned to the factory, specifically. If the product is repaired or replaced within the warranty period, the greater of the remaining warranty period will apply, or three (3) months from the date of repair or replacement. If the product is repaired or replaced after the warranty period has expired, the warranty period for the repair or replacement will expire three (3) months after the repair or replacement date.

1.3.2. Limited Warranty

Technimount products are intended to retain in place medical devices only in the case of a single emergency landing, and must thereafter be immediately replaced. If the end user uses a Technimount product following an emergency landing, it is at the end user's own risk, and Technimount will not be held liable.

The limited warranty does not apply to normal wear that could result from normal use. It does not apply when the product or any of its components have been disassembled or repaired by someone not authorized by "Technimount". It does not cover repair or the replacement of any product or part thereof damaged by neglect, misuse, moisture, liquids, exposure to heat, accidents, abuse, and non-compliance with the instructions for installation and use provided with the product. It does not cover physical damage to the surface of the product. The decision to repair, replace or refuse the coverage is final and at the sole discretion of Technimount, without any compensation or obligation from Technimount. The product defined as a "mounting system", is specifically designed to secure and move medical devices on a LifePort AeroSled TS stretcher during air emergency medical services and critical care transport, and should only be used to fill this requirement. Any other use will void the warranty and Technimount shall not be held liable on any claim if the product has been modified or adapted for use.

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1.3.3. International Warranty Clause

This warranty abides by the Canadian domestic policy. Warranty outside Canada may vary by country. Please contact Customer Service at customerservice@technimount.com for more information.

1.3.4. User Liability

The purchaser and administrator are responsible to validate regulations and standards for safety in their region, to comply with applicable safety regulations. Technimount is not responsible to inform the purchaser or the administrator of any applicable legislation for safety in their area.

The administrator is responsible for providing proper training to any personnel who will install, operate and perform maintenance on Technimount products.

1.4. Claims

1.4.1. Damaged or Defective Merchandise

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of the reception date. **Do not** accept damaged merchandise unless such damage is noted on the delivery receipt at the time of reception. Upon prompt notification, Technimount will file a freight claim with the appropriate carrier for damages incurred. Claims are limited in amount to the actual replacement cost. If the claim has not been received by Technimount within the fifteen (15) day period following the date of delivery, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for the full payment of the original invoice.

Claims for any short or broken merchandise must be made within thirty (30) days of invoicing. For details, refer to the claim process or contact Customer Service at customerservice@technimount.com.

1.4.2. Return Policy

Technimount products may be returned up to sixty (60) days from the reception date, if:

- The received product does not match what was originally ordered.
- The product does not meet the Technimount technical sheet specifications.
- The product is not compatible with the system on which it was intended to be installed on.

To return a Technimount product,

- A Return Material Authorization (RMA) must be requested and approved by Technimount prior to returning the product.
- Products must be returned undamaged and in its original packaging, appropriately identified with the approved RMA number. Returns will not be approved on a modified or damaged item.
- Charges may apply if the package received is damaged or items are missing.
- Purchaser is responsible for a restocking fee (refer to Table 1 on page 8).

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Table 1: Restocking fees

RESTOCKING FEES	
Prior to thirty (30) days	10%
Prior to forty-five (45) days	25%
Prior to sixty (60) days	30%

For any manufacturing defect, refer to the conditions within the warranty policy or contact Customer Service at customerservice@technimount.com for additional information.

1.4.3. Return Material Authorization (RMA)

The Technimount Customer Service department is responsible for all merchandise returns and will provide a Return Material Authorization (RMA) number, upon approval. The RMA must be printed and placed on the returned merchandise. Technimount reserves the right to charge shipping and restocking fees (refer to Table 1) for the returned items. Special, modified, or discontinued items are not subject to returns.

1.4.4. Claim Process

Upon reception of the returned merchandise, a thorough inspection will be performed. If the merchandise is compliant with the return policy or it is found that the product is defective, Technimount will take corrective actions and close the claim. If, however, it is found that the product is not defective, but rather misused or abused, the product will not be covered by the warranty. Details of our findings and conclusions will be provided shortly thereafter. To submit a claim, contact Customer Service at customerservice@technimount.com to obtain a Return Material Authorization (RMA) form and return instructions.

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2. General Safety Guidelines

The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Always read and abide by all the safety guidelines identified within this document. Pictograms, safety symbols and labels are used to alert the user to a potentially hazardous situation, which, if not avoided, may endanger the patients or EMS and clinical personnel, and/or damage to the product. This includes the special care necessary for the safe and effective use of the Technimount product to avoid damage that may occur from use or misuse. The terms "Warning" and "Caution" herein carry special meaning and should be carefully reviewed.

WARNING – Indicates a hazardous situation that, if not avoided, could result in death or serious injury, and/or damage the product.

CAUTION – Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury, and/or damage the product.

2.1. Symbols and Definitions



WARNING – Do Not Sit

Indicates an area where there is potential risk of tipping if the user sits on the Technimount product that could result in serious injuries to the patients or EMS and clinical personnel, and/or damage to the product.



WARNING – Hand Crush/Pinch Point

Indicates an area where mechanical components could move toward each other and might result in a potential crush/pinch hazard.



WARNING – Risk of Injury

Indicates when a misuse of the Technimount product could result in injuries to the patients or EMS and clinical personnel, and/or damage to the product.



CAUTION – Safe Practice

Alerts the reader to pay special attention to the recommendations and methods outlining how to safely operate the product to minimize risks to the patients, EMS and clinical personnel, and/or to the product.



CAUTION – Safe Handling and Operation

Alerts the reader to pay special attention to the recommendations for safe use of the product, and of potentially hazardous situations that could result in minor injuries to the patients or EMS and clinical personnel. This includes the special care necessary for the safe and effective use of the product to avoid damage that may occur from use or misuse.



CAUTION – Safe Working Load (SWL)/Load Balance

Indicates the total maximum charge for a safe use of the product.

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CAUTION – Two (2) Person Lift

Heavy load. Alerts the reader to a two (2) person lift carrying technique recommendation based on the weight and/or size of the product.



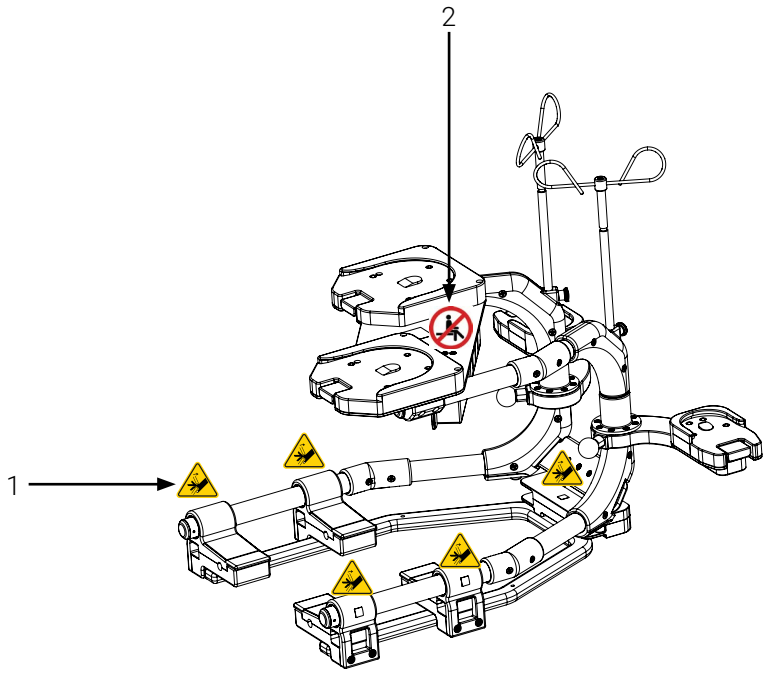
CAUTION – Follow Instructions for Use

Call for action. Reminds the reader to consult the user manual for information.

2.2. Labels

Labeling on the surface of the Technimount product, quickly identify potential risks and provides information to the user. Safety labels (Figure 1), and manufacturing labels, including the serial numbers (Figure 2), can be seen on the Technimount product.

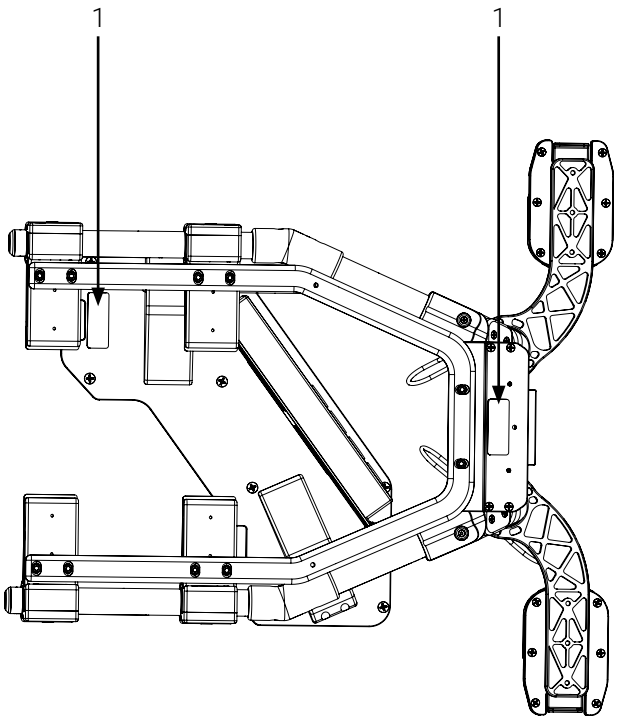
2.2.1. Safety Labels



1. Pinch Point safety labels (5X)
2. **Do Not Sit** safety label (1X)

Figure 1: Location of the safety labels

2.2.2. Manufacturing Labels



1. Manufacturing labels (2X)

Figure 2: Location of the manufacturing labels (bottom of the mobile structure illustrated)

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2.3. Safety Measures

Carefully read all the safety measures herein before operating the Technimount product, relay to EMS and clinical personnel during training, and include in your established internal protocols.

More specific safety measures intended for biomedical technicians (or equivalent) relating to the safety checks and conditioned-based maintenance can be found in the « Maintenance » section on page 45.

WARNING – Unauthorized Systems

- **Under no circumstances** should the Xtension Pro Assistant – LP be installed on, connected to, or used in combination with any third party/competitor mounting system, stretcher, or similar equipment, unless Technimount has provided a formal written confirmation of compatibility for the specific configuration.
- The Xtension Pro Assistant – LP was specifically engineered to be used with the LifePort AeroSled TS stretcher. Using any other stretcher may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel.
- The Xtension Pro Assistant – LP was engineered and tested exclusively for use with specific authorized and compatible Technimount components and systems. Using any unauthorized and/or incompatible system may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Technimount assumes no responsibility for any damage, malfunction, or injury arising from use of unauthorized or incompatible systems. Using any unauthorized and/or incompatible system may result in non-compliance with the applicable safety standards and will immediately void all warranties and liability coverage.
- Technimount products are intended for use only within their defined applications, including but not limited to, emergency medical services, critical care transport, and approved healthcare environments. Refer to the « Technical Specifications » section on page 15.
- Regulations and standards for safety are the sole responsibility of the end user. Ensure that your established internal protocols are updated and meet the technical specifications requirements herein (refer to the « Technical Specifications » section on page 15), as well as the local and regional compliance requirements before use.

WARNING – Improper Installation

- The Xtension Pro Assistant – LP should only be installed on mounting systems and stretchers that are suitable for its intended use, provided that all the applicable safety and structural requirements are met. Refer to the « Technical Specifications » section on page 15 if needed.
- Improper installations that haven't been inspected and approved by qualified personnel may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Technimount assumes no responsibility for any damage, malfunction, or injury arising from improper installations and/or installations that haven't been inspected and approved according to these requirements.
- Follow the installation instructions as detailed in the « Install the Xtension Pro Assistant – LP » section on page 37, for a safe and reliable installation of your Xtension Pro Assistant – LP and to avoid risks that may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel.

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WARNING – Do Not Sit

Do not sit on the mounting system, to avoid risks of tipping that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.



WARNING – Hand Crush/Pinch Point

Always pay close attention to the hand crush/pinch points, particularly when installing/removing the mounting system in/from the clamp blocks and when using the safety mechanism, to avoid risks resulting in serious injury to the patients or to the EMS and clinical personnel. Refer to the « Safety Labels » section on page 10 if needed.



WARNING – Risk of Injury

- **Do not use** the Xtension Pro Assistant – LP if there are any loose or missing screws, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Immediately stop using the Xtension Pro Assistant – LP if any serious incident occurs and inform authorized personnel, to contact the Technical Support at techsupport@technimount.com for a remedial action plan and to report the incident to the applicable regulatory agency.



CAUTION – Safe Handling and Operation

- Always wait until the LifePort AeroSled TS is immobilized before installing/removing the Xtension Pro Assistant – LP and/or installing/removing the medical devices on/from the mounting system, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Always remove the medical devices/accessories from the Xtension Pro Assistant – LP before it is removed from the stretcher, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Always ensure that the medical devices are secured in their brackets before they are installed/removed in/from the Xtension Pro Assistant – LP, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Always ensure that the Xtension Pro Assistant – LP is secured in the clamp blocks and that the locking mechanism is locked before moving the stretcher, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Always pay close attention **not to wedge** the power cords or tubing during the installation/removal of the Xtension Pro Assistant – LP on/from the stretcher and/or the medical devices on/from the Xtension Pro Assistant – LP.

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CAUTION – Safe Practice

- Always pay close attention to the condition of the safety mechanisms of the Xtension Pro Assistant – LP, to avoid risks that may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel. Follow the recommended maintenance plan and its guidelines, as described in this user manual.
- Always practice safely operating the Xtension Pro Assistant – LP until the manipulations have been perfected, before use with patients. Improper use of the mounting system may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.



CAUTION – Safe Working Load (SWL)/Load Balance

- **Do not overload or exceed** the total Safe Working Load (SWL) of the Xtension Pro Assistant – LP and/or the IV poles, to avoid tipping incidents or risks of collapsing. Refer to the « Technical Specifications » section on page 15 for the SWL specifications.
- The Safe Working Load (SWL) of the Xtension Pro Assistant – LP **does not override** the maximum load capacity of another Technimount product or system, neither those of the medical devices, accessories and/or medical equipment accessories that could be placed in bags and drawers for example. To comply with the SWL specification, the entire configuration should be taken into account. Refer to the user documentation of each product applicable to your specific configuration for specifications.



CAUTION – Follow the Instruction for Use

Always refer to your established internal protocols, as well as read and abide by the safety guidelines and instructions provided in the user documentation of the Xtension Pro Assistant – LP, the LifePort AeroSled TS stretcher, the mounting brackets and the clamp blocks.

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3. Technical Specifications



The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Product Name	Xtension Pro Assistant – LP
Description	Mounting system specifically designed to secure and move medical devices on a LifePort AeroSled TS stretcher during air emergency medical services and critical care transport
Product Code	Xtension Pro Assistant – LP: - Mobile structure – 1611-10-LPT01-ARC - Cot support structure – 1611-10-LPT01-LOC
Operating Environment	EMS/CCT (air)
Compliance	Tested in compliance with 14 CFR 25.561
Expected Service Life	10 years
Compatible Stretcher	LifePort AeroSled TS – AS1-001
Compatible Mounting Brackets	Bracket Pro Serie product line with a micro disc and/or standard bottom disc
Compatible Medical Devices/ Accessories	- Hamilton-T1 ventilator - ZOLL X series monitor/defibrillator
Dimensions (W X D X H)	- Xtension Pro Assistant – LP with the swivel micro shelves retracted and the IV poles lowered: 479.6 mm (18.9 in.) W X 645.2 mm (25.4 in.) D X 477 mm (18.8 in.) H - Xtension Pro Assistant – LP with the swivel micro shelves deployed and the IV poles raised: 668 mm (26.3 in.) W X 856.5 mm (33.7 in.) D X 657.9 mm (25.9 in.) H
Weight	51.05 lb (23.16 kg)
Composition	- Mobile structure: aluminum and stainless steel - Cot support structure: aluminum
Total Safe Working Load (SWL)	Contact Customer Service at customerservice@technimount.com for specifications
Operating Temperature	- 31° F to 113° F (- 35° C to 45° C)
Tested and Approved Cleaning Solutions	- Oxivir, 5% Hydrogen Peroxide with Peracetic Acid (AHP) - Lavo 12, 10 000 ppm Sodium Hypochlorite - TNT-100, 5% Quaternary Ammonium Compound - Spectro-Sept, 5% Ethyl Alcohol - Spectrol, 5% EDTA salt
Options	N/A

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4. Xtension Pro Assistant – LP Orientation Diagrams

The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

The orientations referenced herein are from the EMS and clinical personnel standpoint, when facing the stretcher (Figure 3).

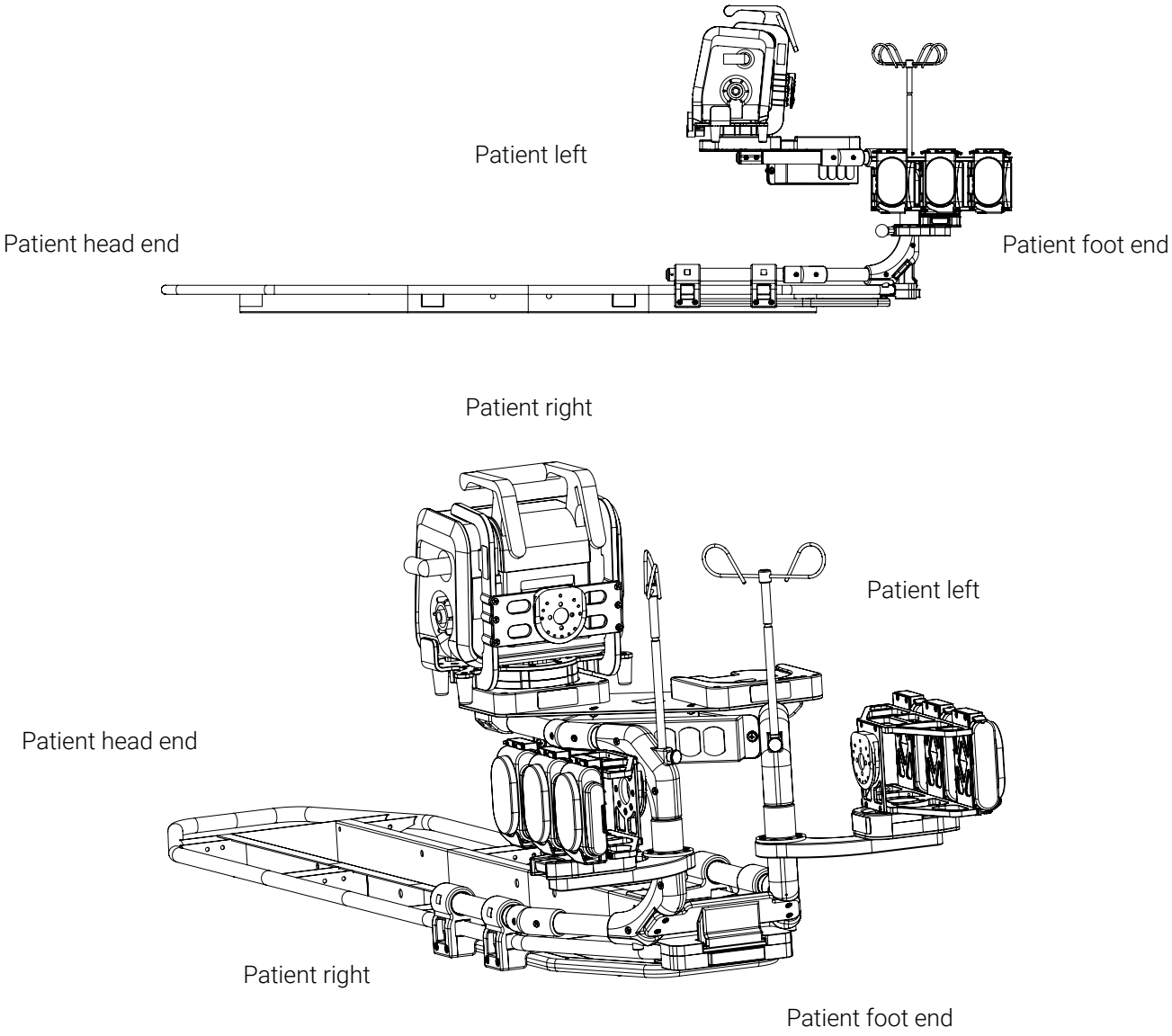
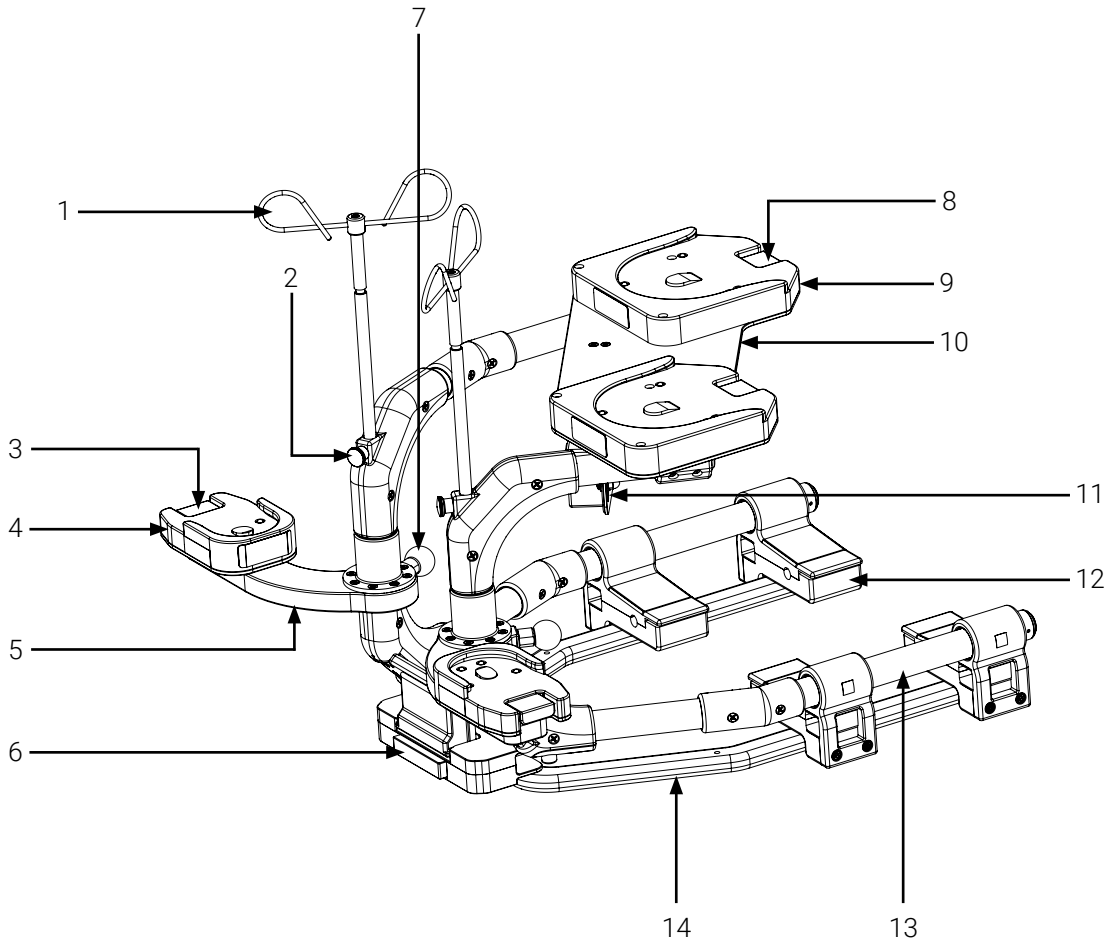


Figure 3: Orientation diagrams of the Xtension Pro Assistant – LP

5. Xtension Pro Assistant – LP Illustrated Parts

The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Figure 4 illustrates the main components of the Xtension Pro Assistant – LP.



1. IV pole (2X)
2. Pull release knob (IV pole; 2X)
3. Quick release button (Micro Base; 2X)
4. Micro Base (2X)
5. Swivel micro shelf (2X)
6. Quick release button (mobile structure)
7. Pull release knob (swivel micro shelf; 2X)
8. Quick release button (Standard Surface Base; 2X)
9. Standard Surface Base (2X)
10. Top plate
11. Power bar (under the top plate)
12. Clamp block (4X)
13. Tubular arm (mobile structure; 2X)
14. Cot support structure

Figure 4: Components of the Xtension Pro Assistant – LP

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6. Xtension Pro Assistant – LP Illustrated Specifications

The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Figure 5 illustrates the dimensions of the Xtension Pro Assistant – LP.

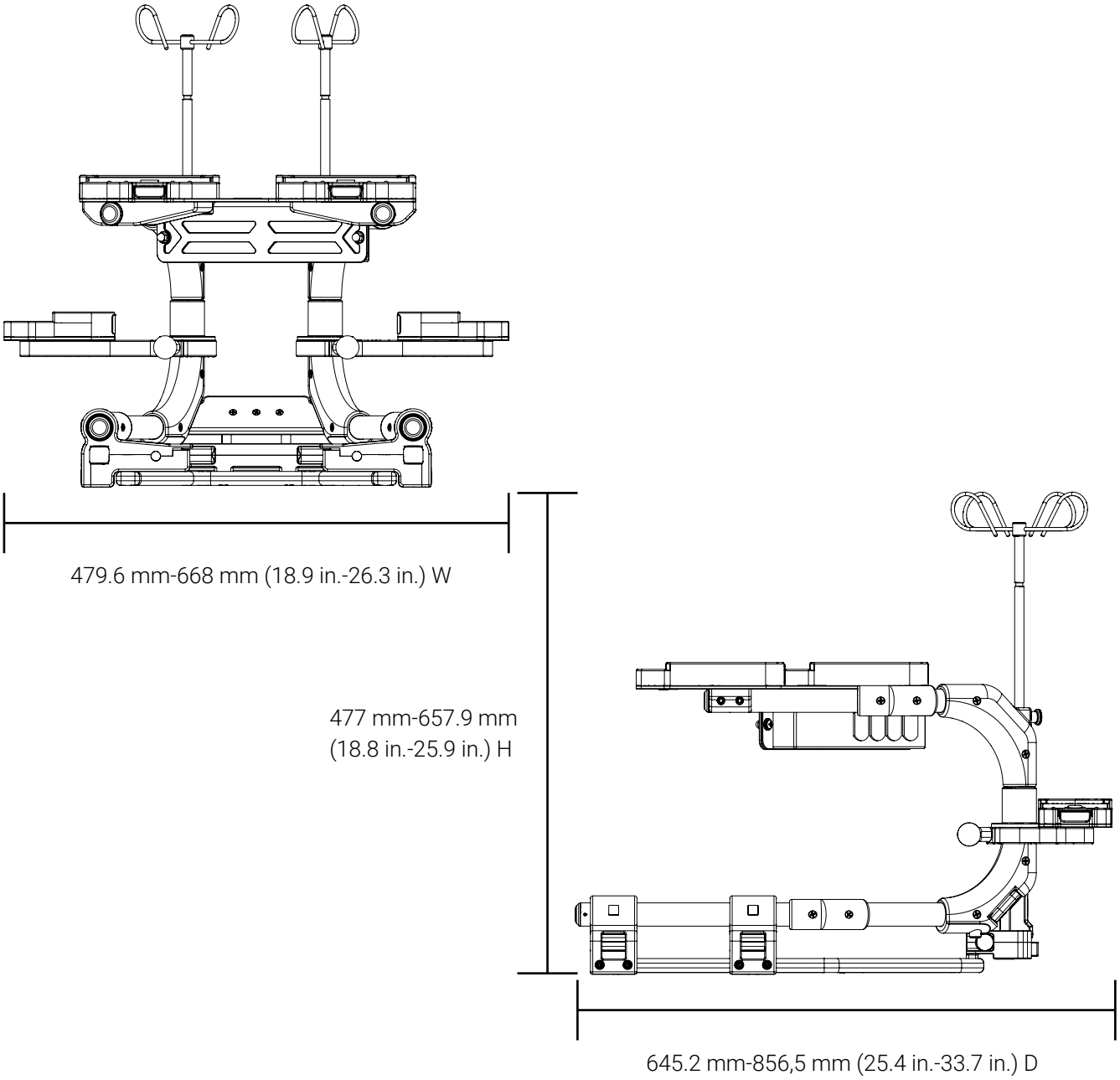


Figure 5: Xtension Pro Assistant – LP illustrated specifications

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7. Safety Mechanisms

The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

The safety mechanism on the Xtension Pro Assistant – LP is composed of a 2-part locking mechanism with a quick-release button. Refer to the « Xtension Pro Assistant – LP Illustrated Parts » section on page 17 if needed.

- The safety mechanism activates when the tubular arms of the mobile structure are inserted in the clamp blocks of the cot support structure and pushed until the self-locking mechanism is triggered (Figure 6). When the click sound is heard, the mobile structure is locked and the Xtension Pro Assistant – LP is secured on the stretcher.

(A) (B) (C)

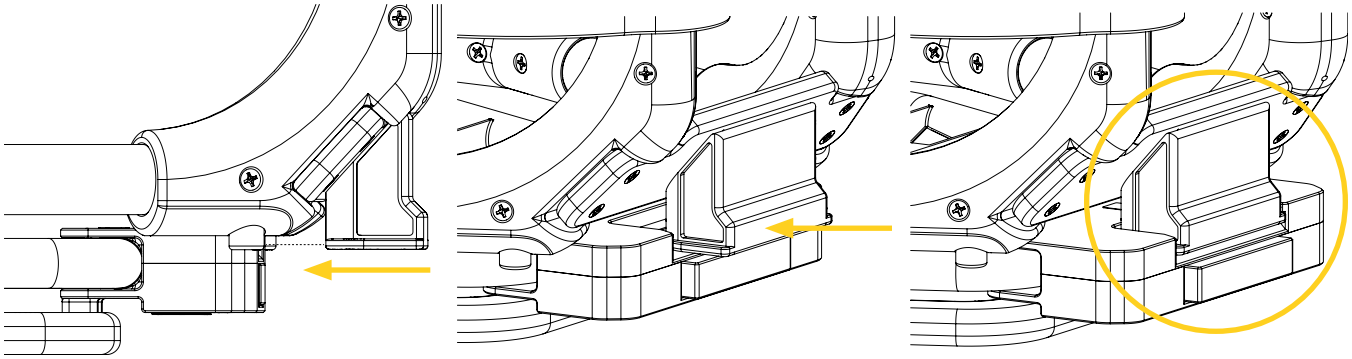


Figure 6: Activating the safety mechanism of the Xtension Pro Assistant – LP

- The safety mechanism deactivates when the quick-release button is pressed. When pressed, the 2-part locking mechanism is released and the mobile structure can be removed from the stretcher (Figure 7).

(A) (B) (C)

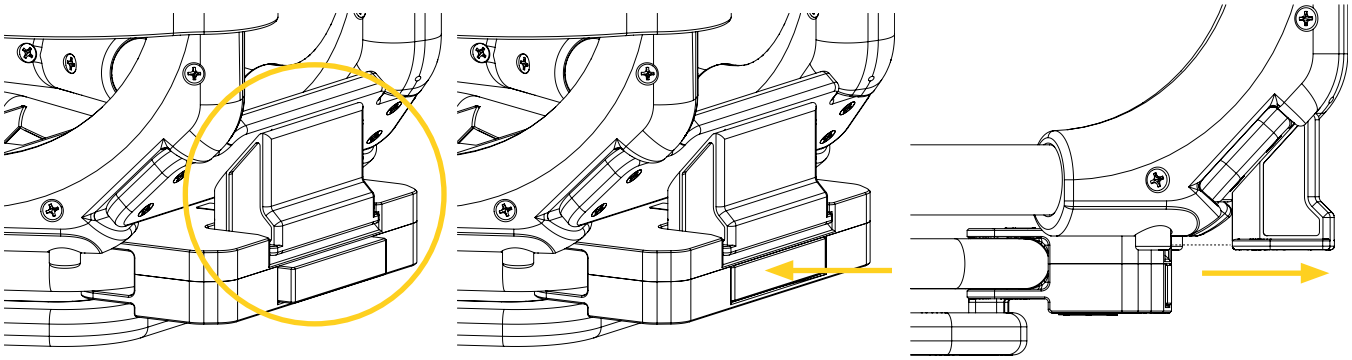


Figure 7: Deactivating the safety mechanism of the Xtension Pro Assistant – LP

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The safety mechanism of each of the two (2) swivel micro shelves is composed of a pull release knob. Refer to the « Xtension Pro Assistant – LP Illustrated Parts » section on page 17 if needed.

- The safety mechanism activates when the pull release knob is released and the swivel micro shelf is pushed inwards/outwards until the stem of the pull release knob inserts in one (1) of the four (4) locking positions (Figure 8). When the click sound is heard, the swivel micro shelf is locked.

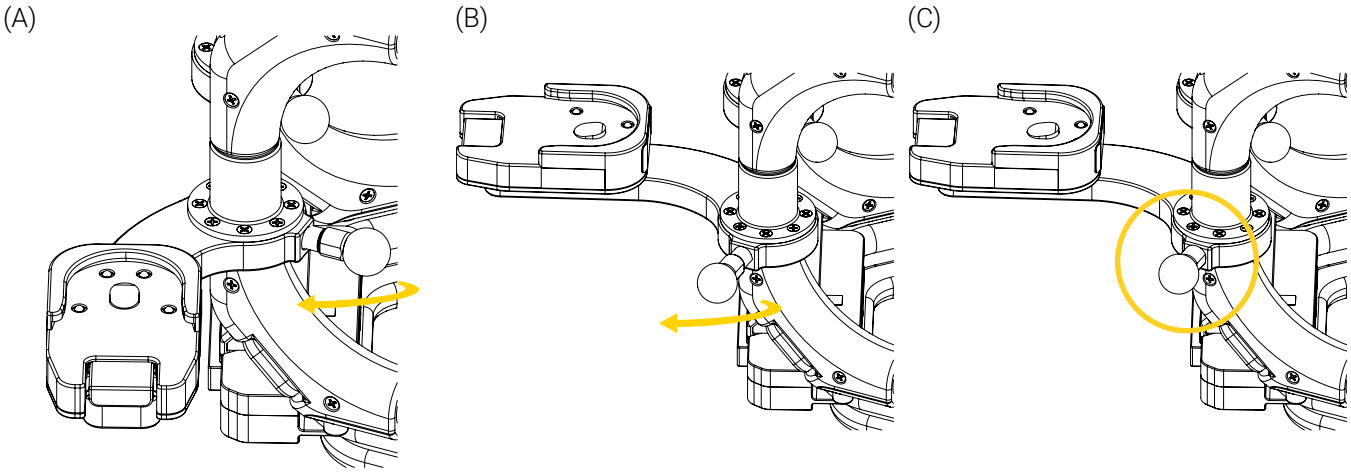


Figure 8: Activating the safety mechanism of the swivel micro shelf(ves)

- The safety mechanism deactivates when the pull release knob is pulled and held (Figure 9A and B). Unlocked, the swivel micro shelf can be pushed inwards/outwards towards its new position (Figure 9C).

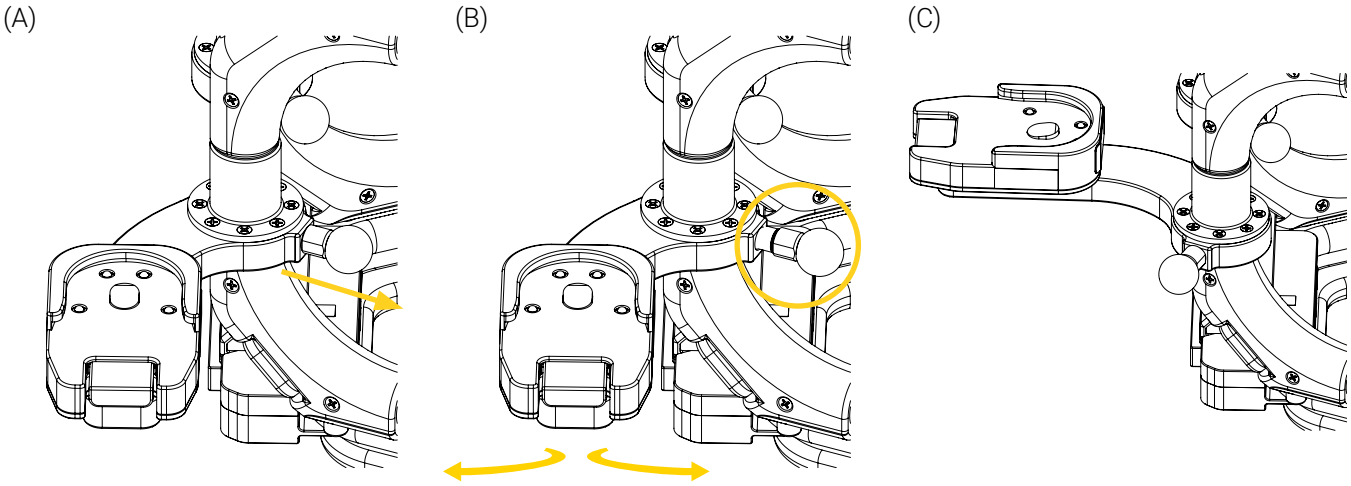


Figure 9: Deactivating the safety mechanism of the swivel micro shelf(ves)

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The safety mechanism of each of the two (2) IV poles is composed of a pull release knob. Refer to the « Xtension Pro Assistant – LP Illustrated Parts » section on page 17 if needed.

- The safety mechanism activates when the pull release knob is released and the pole is lowered/raised until the stem of the pull release knob inserts in one (1) of the two (2) perforations in the pole. When the click sound is heard, the IV pole is locked (Figure 10).

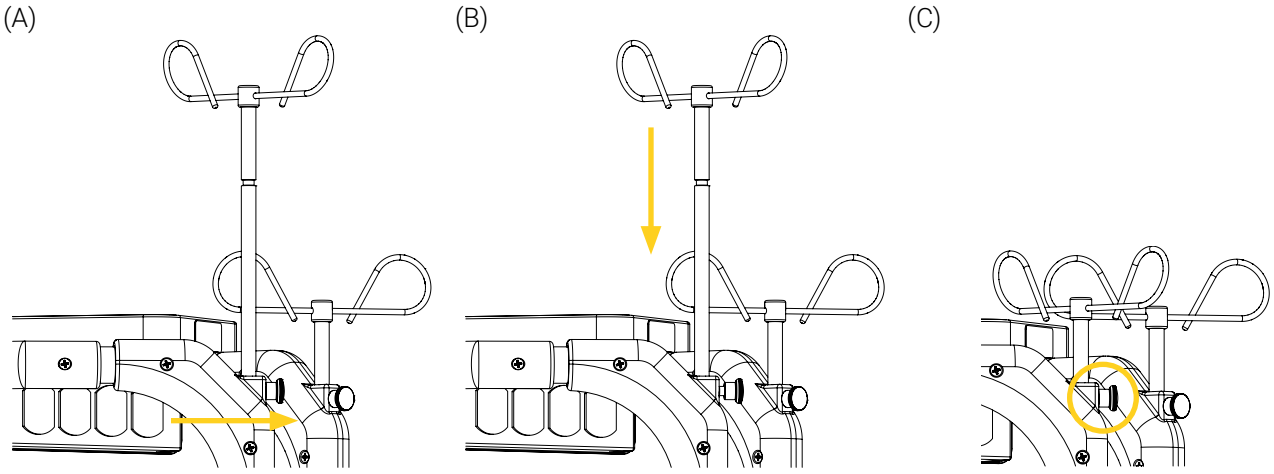


Figure 10: Activating the safety mechanism of the IV pole(s)

- The safety mechanism deactivates when the pull release knob is pulled and held. Unlocked, the IV pole can be lowered, raised, inserted or removed from the holder (Figure 11).

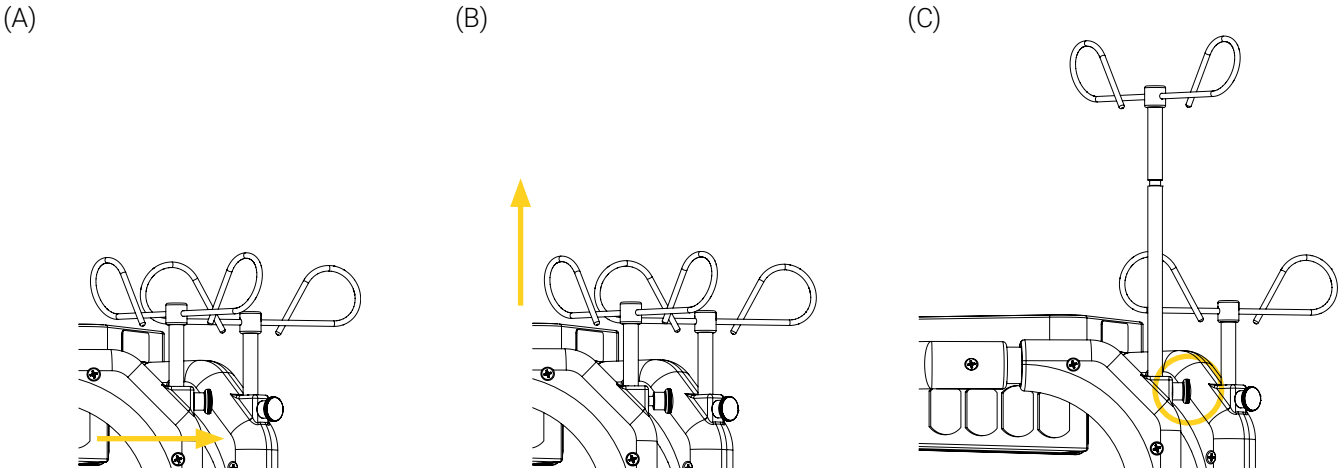


Figure 11: Deactivating the safety mechanism of the IV pole(s)

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The medical devices are installed and secured in the two (2) Standard Surface Bases located on the top plate of the mobile structure and on the two (2) Micro Bases located on the swivel micro shelves. Refer to the « Xtension Pro Assistant – LP Illustrated Parts » section on page 17 and/or to the Standard Surface Base/Micro Base User Manuals for specific details if needed.

- The safety mechanism of each base activates when the disc located under the mounting bracket of the medical device is inserted in the base. When the standard bottom disc is pushed towards the back of the Standard Surface Base and/or the micro disc is pushed towards the back of the Micro Base, it slides on the integrated plungers until the locking mechanism inserts the cavity of the disc. When the click sound is heard, the base is locked and the medical device is secured (Figure 12).

(A) (B) (C)

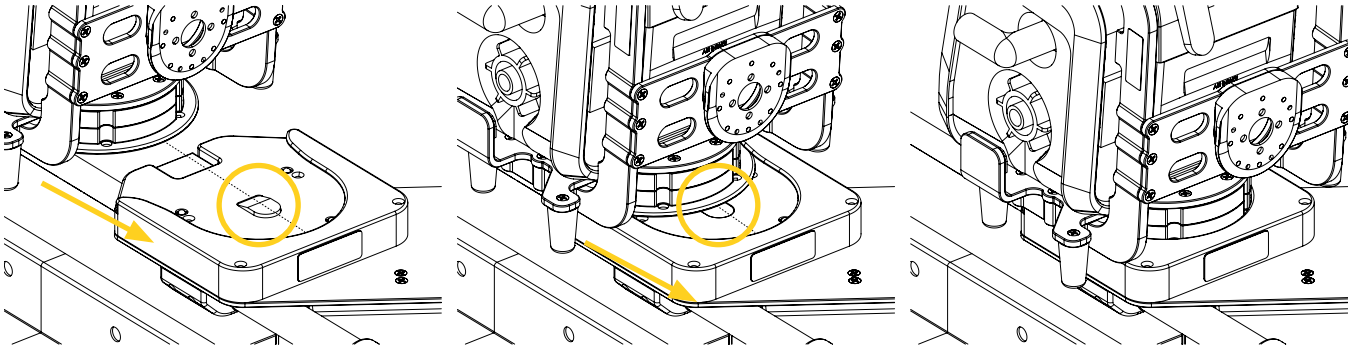


Figure 12: Activating the safety mechanism of the Standard Surface Base/Micro Base

- The safety mechanism of each base deactivates when the quick-release button of the Standard Surface Base/Micro Base is pressed. When pressed, the locking mechanism releases the standard bottom disc/micro disc located under the mounting bracket of the medical device and the medical device can be removed (Figure 13).

(A) (B) (C)

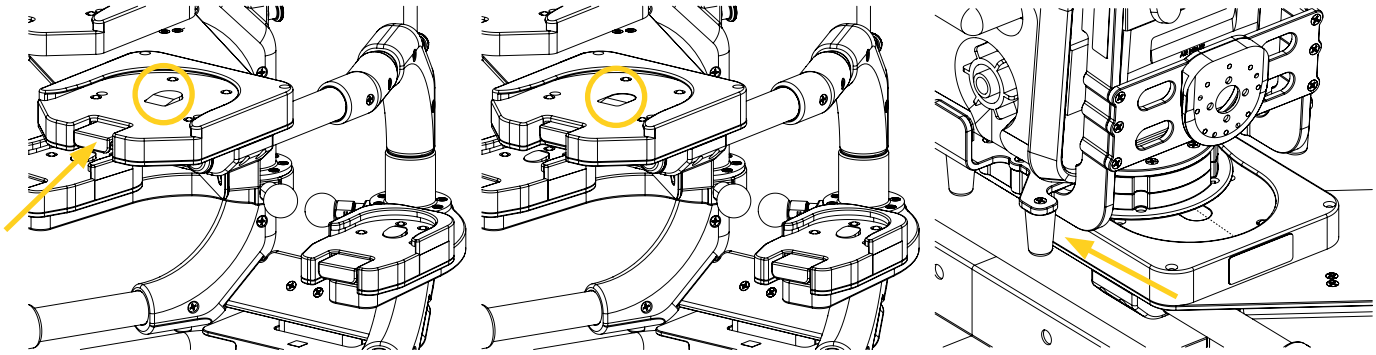


Figure 13: Deactivating the safety mechanism of the Standard Surface Base/Micro Base

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8. Operate the Xtension Pro Assistant – LP

The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

8.1. Install the Xtension Pro Assistant – LP on the Stretcher

1. Ensure that the medical device(s) have been removed from the Standard Surface Bases/Micro Bases and that the swivel micro shelves are retracted (Figure 14). Refer to « Remove the Medical Devices from the Xtension Pro Assistant – LP » section on page 27 and/or « Retract the Swivel Micro Shelves » section on page 29 if needed.

(A) (B)

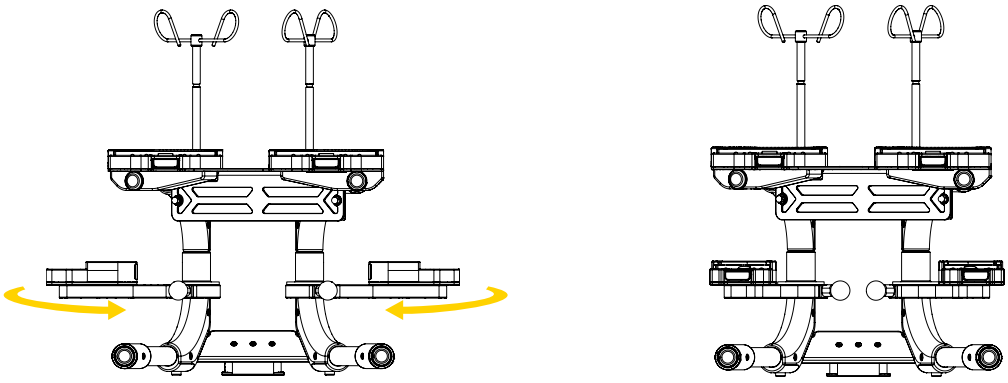


Figure 14: Mobile structure ready for installation on the stretcher

2. Align and insert the tubular arms of the mobile structure in the clamp blocks of the cot support structure (Figure 15) until the locking mechanism is engaged, using the recommended safe lifting technique. Refer to the « Safety Measures » section on page 12 and to your established internal protocols if needed.

(A) (B)

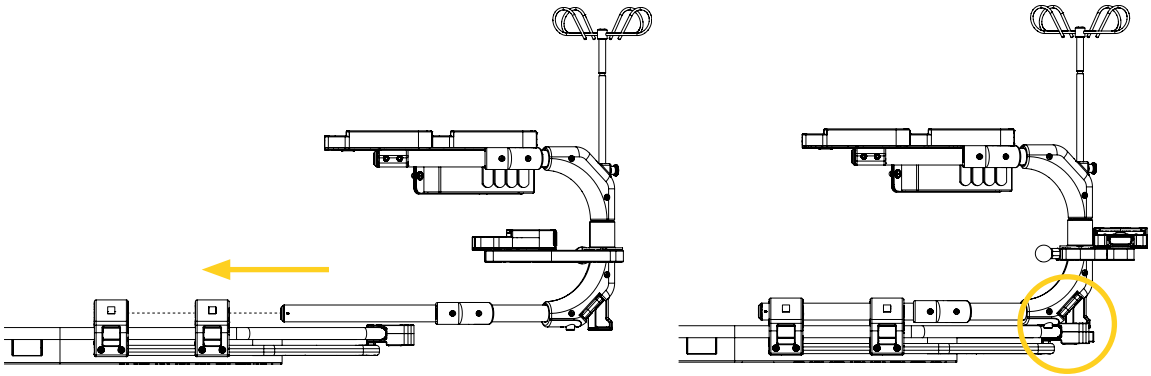


Figure 15: Mobile structure installed on the stretcher

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3. Move the mobile structure back and forth a few times to ensure it is locked and secured on the stretcher. If the mobile structure stays in the clamp blocks during the verification, it is locked and secured.

The installation of the Xtension Pro Assistant – LP on the stretcher is complete.

8.2. Remove the Xtension Pro Assistant – LP from the Stretcher

1. Ensure that the medical device(s) have been removed from theStandard Surface Bases/Micro Bases and that the swivel micro shelves are retracted (Figure 16). Refer to « Remove the Medical Devices from the Xtension Pro Assistant – LP » section on page 27 and/or « Retract the Swivel Micro Shelves » section on page 29 if needed.

(A) (B)

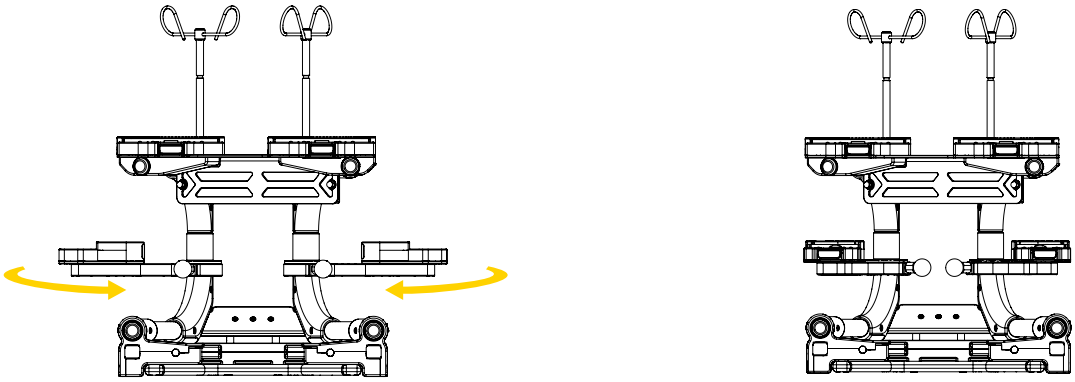


Figure 16: Mobile structure ready for removal from the stretcher

2. Press and hold the quick release button of the Xtension Pro Assistant – LP (Figure 17A), then slide the mobile structure out of the clamp blocks (Figure 17B).

(A) (B)

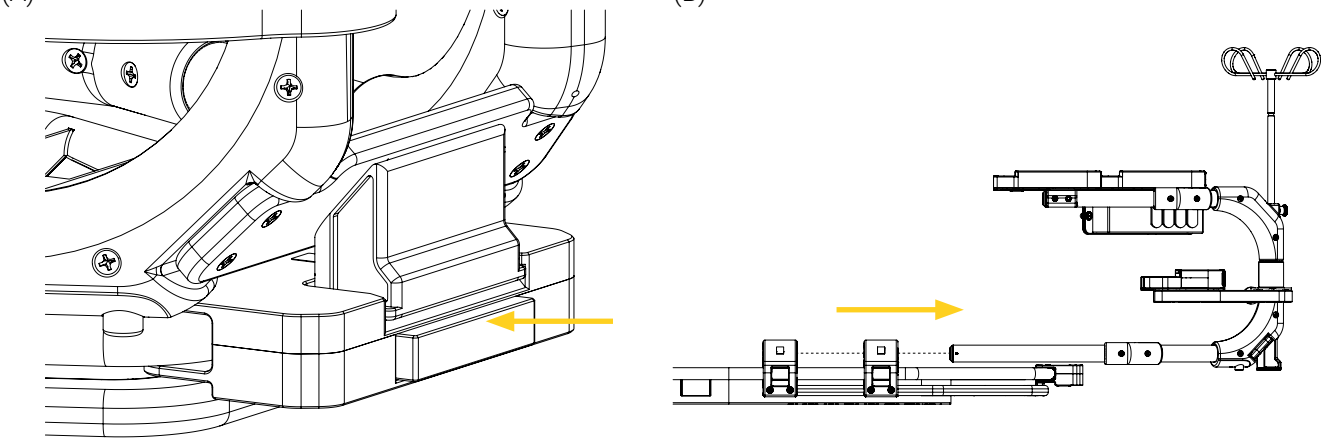


Figure 17: Removing the Xtension Pro Assistant – LP from the stretcher

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3. Set the Xtension Pro Assistant – LP aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.

The removal of the Xtension Pro Assistant – LP from the stretcher is complete.

8.3. Install the Medical Devices on the Xtension Pro Assistant – LP

1. Install the Xtension Pro Assistant – LP on the stretcher prior to installing the medical devices on the mounting system. Refer to « Install the Xtension Pro Assistant – LP on the Stretcher » section on page 23 if needed.
2. Deploy the swivel micro shelf (Figure 18) to install the medical device in one (1) of the two (2) Micro Bases. Refer to « Deploy the Swivel Micro Shelves » section on page 28 if needed.

(A) (B)

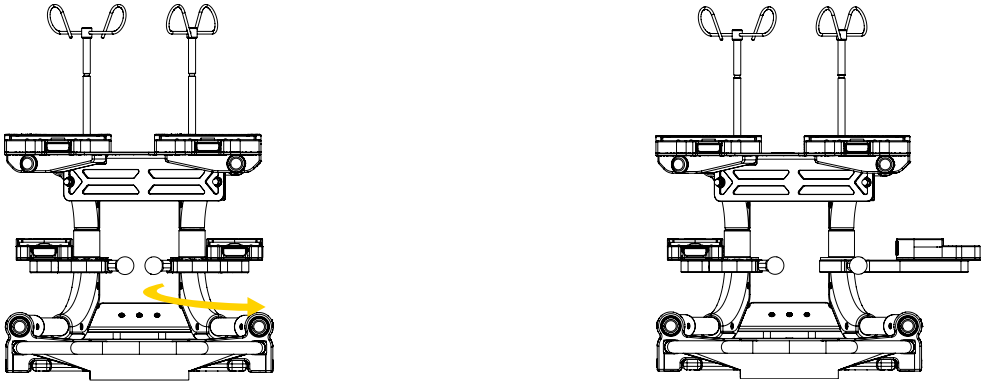


Figure 18: Deploying the swivel micro shelf

3. Align and insert the standard bottom disc located under the mounting bracket of the medical device in one (1) of the two (2) Standard Surface Bases located on the top plate of the Xtension Pro Assistant – LP (Figure 19) or the micro disc located under the mounting bracket of the medical device in one (1) of the two (2) Micro Bases located on the swivel micro shelves of the Xtension Pro Assistant – LP (Figure 20), horizontally until it is locks.

(A) (B)

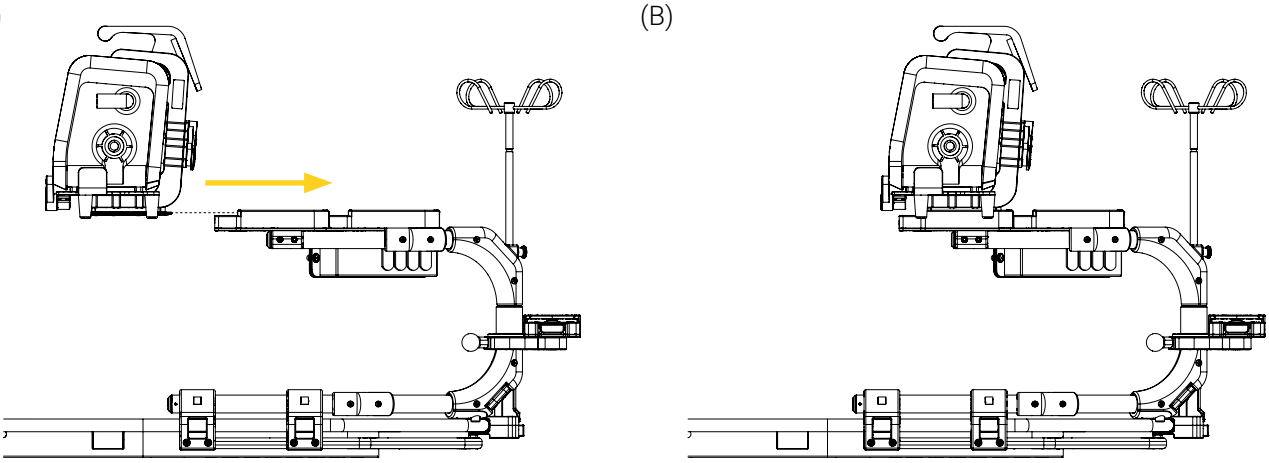


Figure 19: Installing the medical device on the top plate

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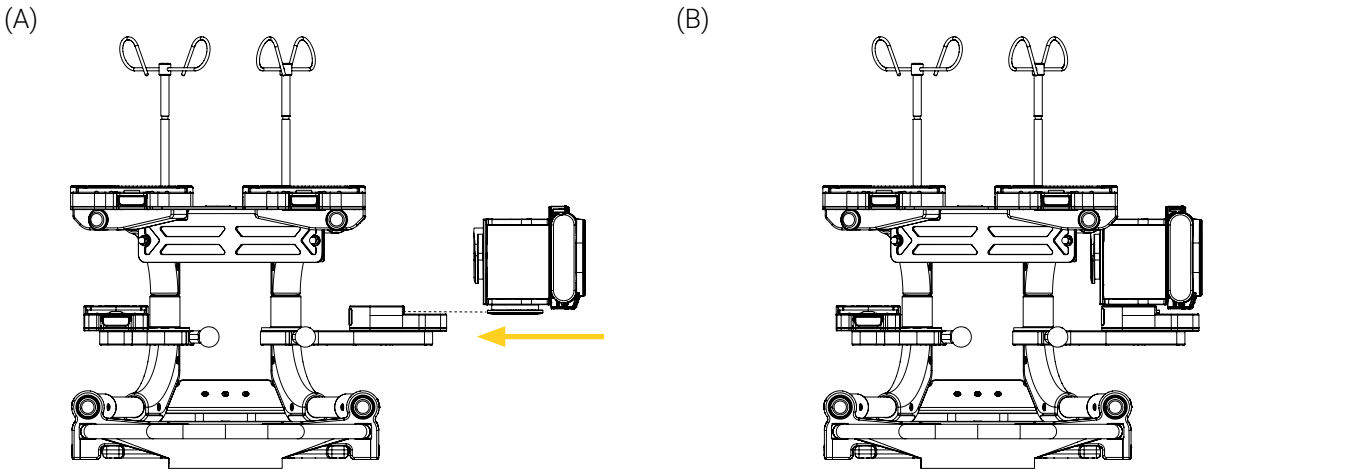


Figure 20: Installing the medical device on the swivel micro shelves

4. Move the medical device back and forth a few times to ensure it is locked and secured in the base. If the medical device stays in the base during the verification, it is locked and secured.
5. Repeat steps 2 to 4 to install up to four (4) medical devices on the bases of the Xtension Pro Assistant – LP.
6. Turn the medical device up to 360° clockwise or counterclockwise (Figure 21 and Figure 22), to the desired position.

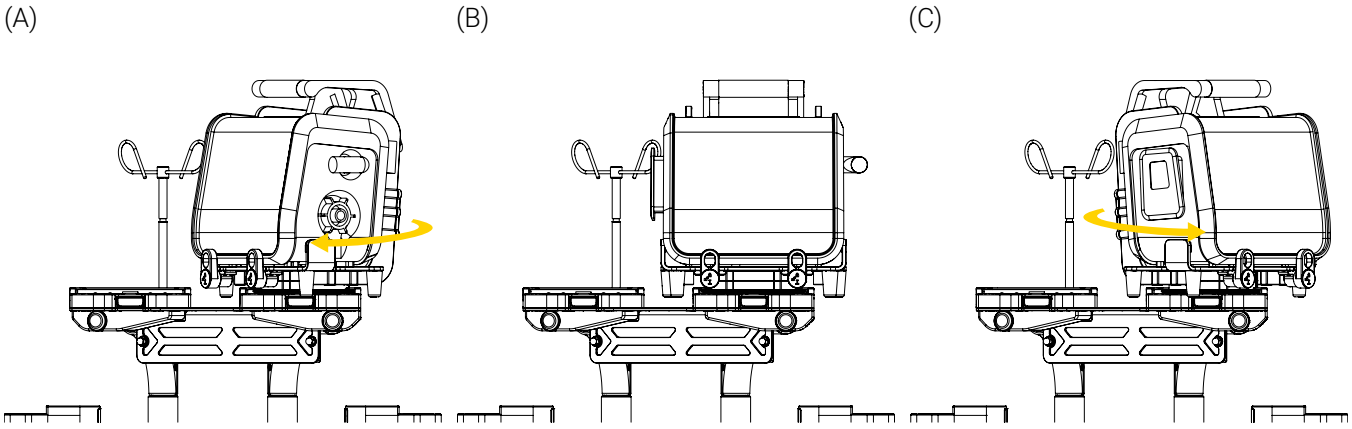


Figure 21: Rotating the medical device on the Standard Surface Base

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(A) (B) (C)

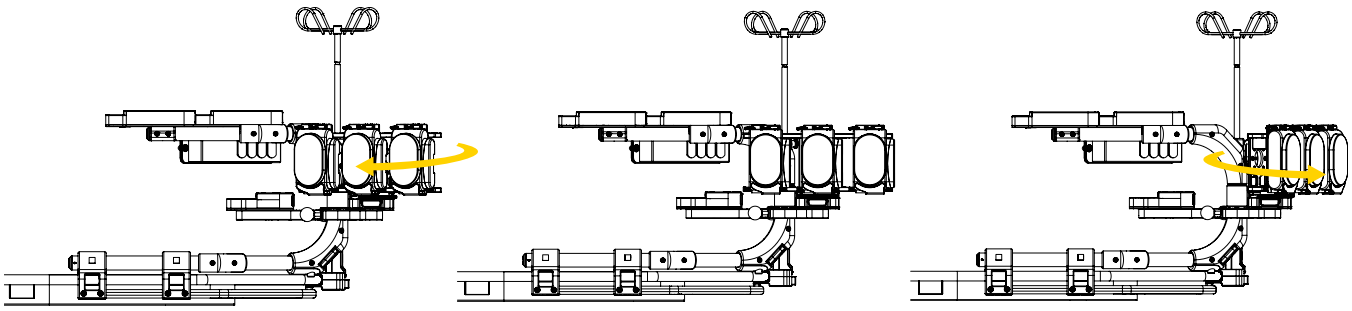


Figure 22: Rotating the medical device on the Micro Base

The installation of the medical devices on the Xtension Pro Assistant – LP is complete.

8.4. Remove the Medical Devices from the Xtension Pro Assistant – LP

1. Press and hold the quick release button of the Standard Surface Base (Figure 23) and/or of the Micro Base (Figure 24), then remove the medical device from the base horizontally.

(A) (B)

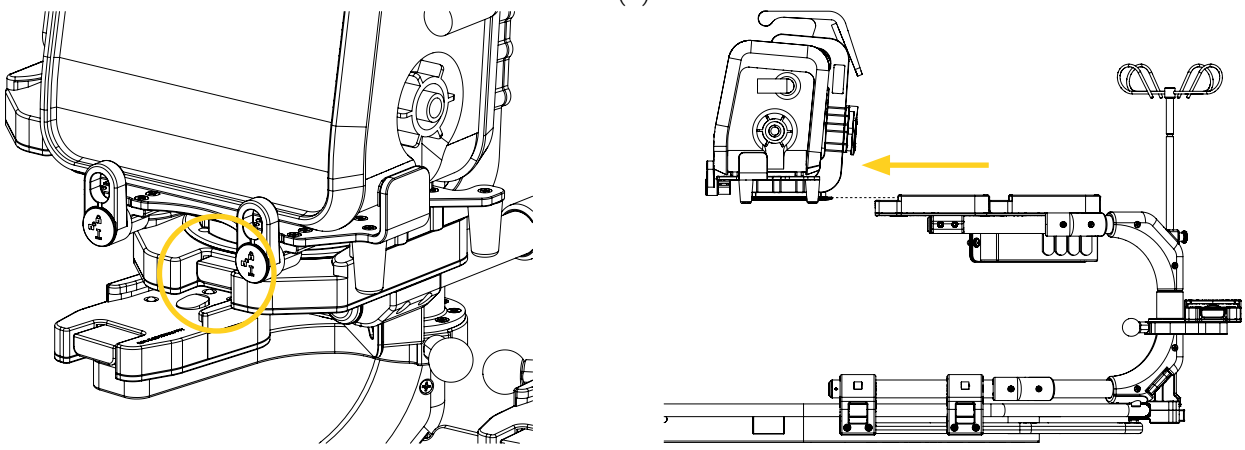


Figure 23: Removing the medical device from the Standard Surface Base

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(A) (B)

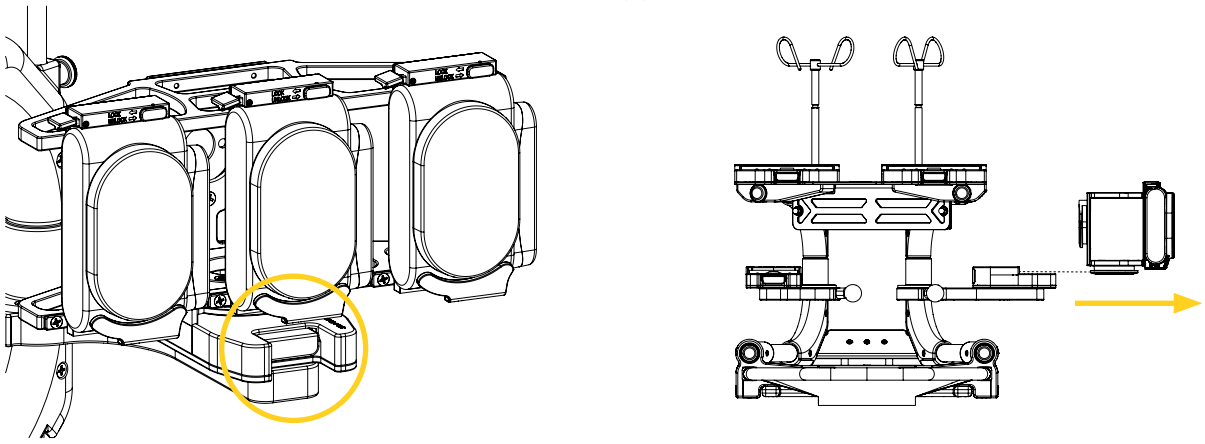


Figure 24: Removing the medical device from the Micro Base

2. Set the medical device aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.
3. Repeat steps 1 and 2 to remove the other medical devices from the bases of the Xtension Pro Assistant – LP.

The removal of the medical devices from the Xtension Pro Assistant – LP is complete.

8.5. Deploy the Swivel Micro Shelves

1. Pull and hold the pull release knob of the swivel micro shelf, then push the shelf outwards (Figure 25A).
2. Release the knob and keep pushing the swivel micro shelf outwards until the safety mechanism engages and locks in one (1) of the two (2) deployed positions (Figure 25B and C).

(A) (B) (C)

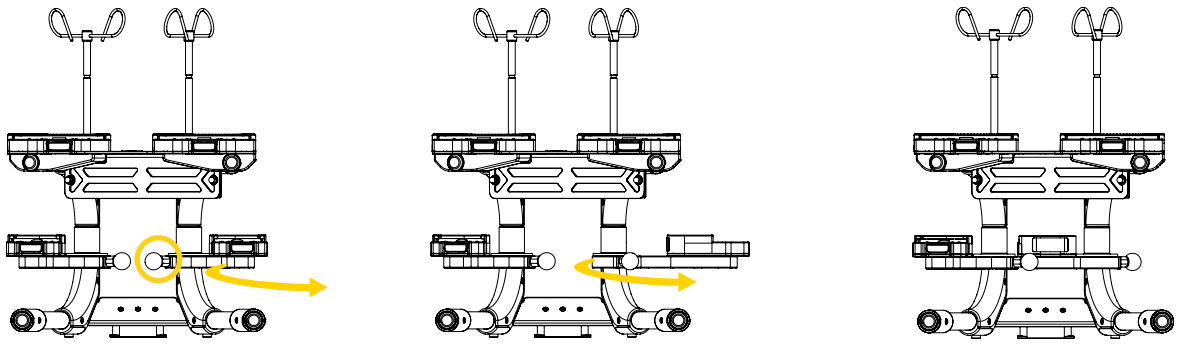


Figure 25: Deploying the swivel micro shelf

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3. Move the swivel micro shelf back and forth a few times to ensure it is locked and secured in position. If the shelf stays in position during the verification, it is locked and secured.
4. Repeat steps 1 to 3 to deploy the second swivel micro shelf if needed.

The swivel micro shelves are deployed.

8.6. Retract the Swivel Micro Shelves

1. Pull and hold the pull release knob of the swivel micro shelf, then push the shelf inwards (Figure 26A).
2. Release the knob and keep pushing the swivel micro shelf inwards until the safety mechanism engages and locks in one (1) of the two (2) retracted positions (Figure 26B and C).

(A) (B) (C)

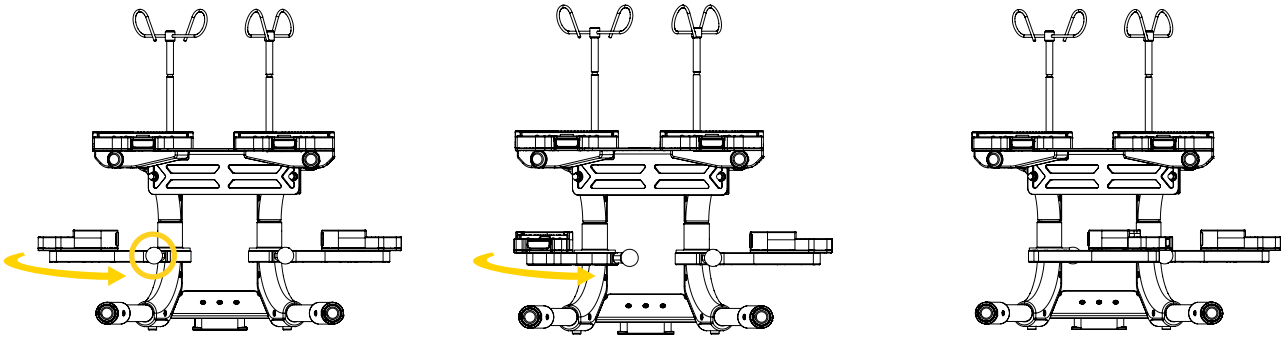


Figure 26: Retracting the swivel micro shelf

3. Move the swivel micro shelf back and forth a few times to ensure it is locked and secured in position. If the shelf stays in position during the verification, it is locked and secured.
4. Repeat steps 1 to 3 to retract the second swivel micro shelf if needed.

The swivel micro shelves are retracted.

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8.7. Raise the IV Poles

1. Pull and hold the pull release knob of the IV pole holder, raise the IV pole enough to pass the top groove of the IV pole, then release the knob (Figure 27A).
2. Raise the IV pole until the stem of the pull release knob inserts in the bottom groove of the pole (Figure 27B).

(A) (B)

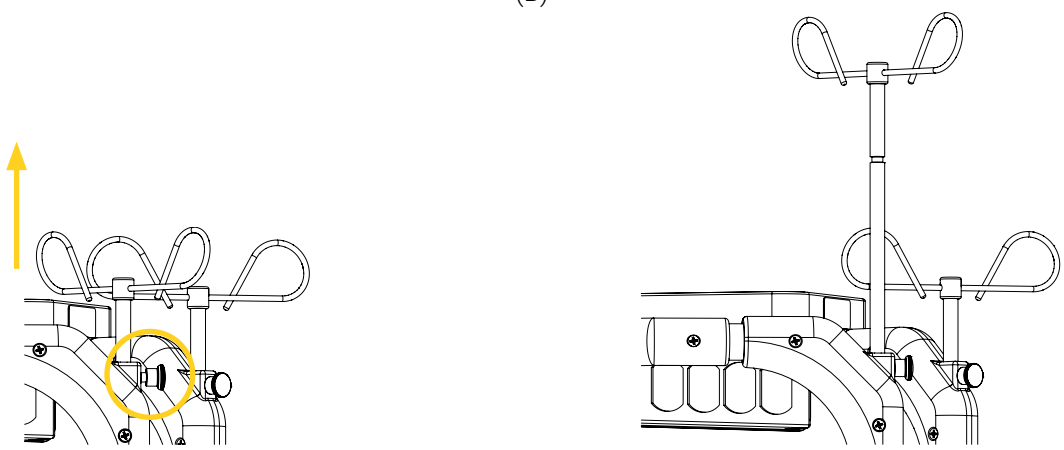


Figure 27: Raise the IV pole

3. Move the IV pole up and down a few times to ensure it is locked and secured in the holder. If the pole stays in position during the verification, it is locked and secured.
4. Repeat steps 1 to 3 to raise the second IV pole if needed.

The IV poles are raised.

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8.8. Lower the IV Poles

1. Pull and hold the pull release knob of the IV pole holder, lower the IV pole enough to pass the bottom groove of the IV pole, then release the knob (Figure 28A).
2. Lower the IV pole until the stem of the pull release knob inserts in the top groove of the pole (Figure 28B).

(A) (B)

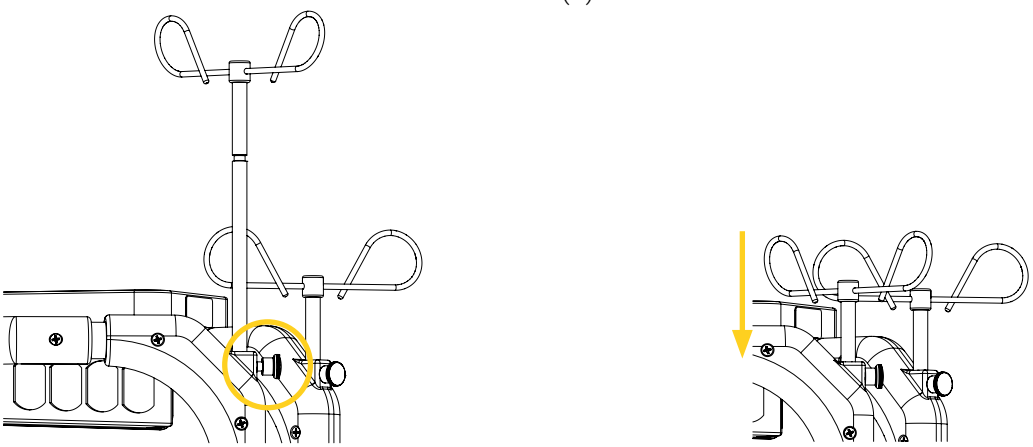


Figure 28: Lower the IV pole

3. Move the IV pole up and down a few times to ensure it is locked and secured in position. If the pole stays in position during the verification, it is locked and secured.
4. Repeat steps 1 to 3 to lower the second pole if needed.

The IV poles are lowered.

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8.9. Install the IV Poles

1. Pull and hold the pull release knob of the IV pole holder, insert the tip of the IV pole in the holder, then release the knob (Figure 29A)
2. Lower the IV pole until the stem of the pull release knob inserts in the bottom groove of the pole (Figure 29B).

(A) (B)

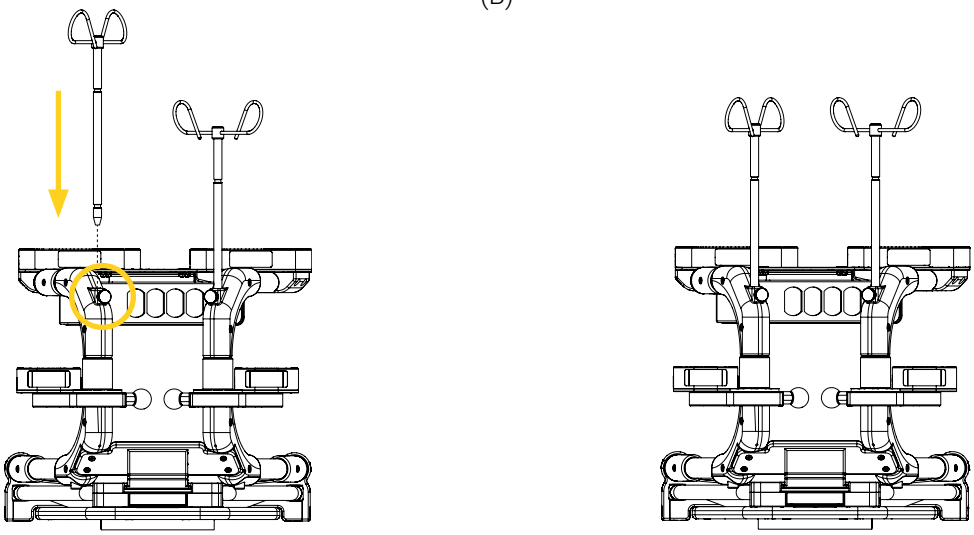


Figure 29: Installing the IV pole

3. Move the IV pole up and down a few times to ensure it is locked and secured in the holder. If the pole stays in position during the verification, it is locked and secured.
4. Repeat steps 1 to 3 to install the second pole if needed.

The IV poles are installed.

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8.10. Remove the IV Poles

1. Pull and hold the pull release knob of the IV pole holder, raise and remove the IV pole from the holder, then release the knob (Figure 30).

(A) (B)

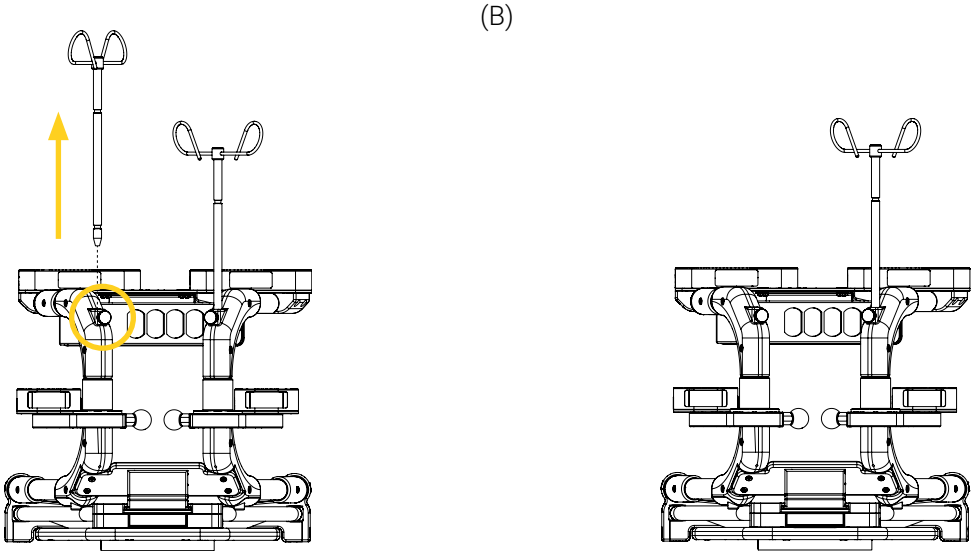


Figure 30: Removing the IV pole

2. Set the IV pole aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.
3. Repeat steps 1 to 2 to remove the second pole if needed.

The IV poles are removed.

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Annex I Skills Assessment of the EMS and clinical personnel



The content in this section is intended for personnel who have a proficient level of competency. Refer to the « User Competency » section on page 5 if needed.

Following training, a skills assessment should be given to each member of the EMS and clinical personnel to ensure they have fully comprehended the Labeling, warnings and cautions, potential risks, safe practices and proper operating procedures needed to safely and effectively use the Xtension Pro Assistant – LP. Consider adding the following to your internal training protocols.

Trainee name: Unit:

Assessor name: Date:

SKILLS ASSESSMENT		
SKILL CRITERIA	PASSED	FAILED
Labeling		
- Able to identify meaning and potential risks associated with the different safety labels:		
- Hand Crush/Pinch Point safety label	☐	☐
- **Do Not Sit** safety label	☐	☐
Safety Measures		
- Knows that **under no circumstances** should the Xtension Pro Assistant – LP be installed on, connected to, or used in combination with any third party/competitor mounting system, stretcher, or similar equipment.	☐	☐
- Knows that the Xtension Pro Assistant – LP was specifically engineered to be used with the LifePort AeroSled TS stretcher and that using any other stretcher may cause the equipment to fall, operate unpredictably, or fail.	☐	☐
- Knows **not to** sit on the mounting system.	☐	☐
- Knows to always pay close attention to the hand crush/pinch points, particularly when installing/removing the mounting system in/from the clamp blocks and when using the safety mechanism.	☐	☐
- Knows **not to use** the Xtension Pro Assistant – LP if there are any loose or missing screws.	☐	☐
- Knows to immediately stop using the Xtension Pro Assistant – LP if any serious incident occurs and to inform authorized personnel.	☐	☐

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SKILLS ASSESSMENT		
SKILL CRITERIA	PASSED	FAILED
- Knows to always wait until the LifePort AeroSled TS is immobilized before installing/removing the Xtension Pro Assistant – LP on/from the stretcher and/or installing/removing the medical devices on/from the mounting system.	☐	☐
- Knows to always remove the medical devices/accessories from the Xtension Pro Assistant – LP before it is removed from the stretcher.	☐	☐
- Knows to always ensure that the medical devices are secured in their brackets, before they are installed/removed in/from the Xtension Pro Assistant – LP.	☐	☐
- Knows to always ensure that the Xtension Pro Assistant – LP is secured in the clamp blocks, and that the locking mechanism is locked, before moving the stretcher.	☐	☐
- Knows to always pay close attention **not to wedge** the power cords or tubing during the installation/removal of the Xtension Pro Assistant – LP on/from the stretcher and/or the medical devices on/from the Xtension Pro Assistant – LP..	☐	☐
- Knows to always pay close attention to the condition of the safety mechanisms of the Xtension Pro Assistant – LP.	☐	☐
- Knows to always practice safely operating the Xtension Pro Assistant – LP until the manipulations have been perfected, before use with patients and that improper use of the mounting system may cause damage or the equipment to fall or operate unpredictably.	☐	☐
- Knows **not to overload or exceed** the total Safe Working Load (SWL) of the Xtension Pro Assistant – LP and/or the IV poles.	☐	☐
- Knows that the Safe Working Load (SWL) of the Xtension Pro Assistant – LP **does not override** the maximum load capacity of another Technimount product or system, neither those of the medical devices, and/or medical equipment accessories.	☐	☐
- Knows to always refer to your established internal protocols, as well as read and abide by the safety guidelines and instructions provided in the user documentation of the Xtension Pro Assistant – LP, the LifePort AeroSled TS stretcher, the mounting brackets and the clamp blocks.	☐	☐
Operation		
- Able to install/remove the Xtension Pro Assistant – LP on/from the stretcher.	☐	☐
- Able to install/remove the medical device on/from the Xtension Pro Assistant – LP.	☐	☐
- Able to rotate the medical device.	☐	☐
- Able to retract/deploy the swivel micro shelves.	☐	☐
- Able to raise, lower, install and/or remove the IV poles.	☐	☐

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Annex II Unpack the Xtension Pro Assistant – LP



The content in this section is intended for personnel who have an advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

1. Inspect the shipping box(es) for signs of damage before accepting shipment. Take pictures and report them promptly if applicable.
2. Move the shipping box(es) to the location of the installation.
3. Open the shipping box(es).
4. Unpack the box(es) and ensure that all shipping and packaging materials have been properly removed, prior to installation.

   NOTE : Keep all packaging material for future use.
5. Identify the items included in the shipping box(es), then set them aside. Refer to the « Install the Xtension Pro Assistant – LP » section on page 37 for the required parts.
6. Inspect the items for signs of damage. Take pictures and report them promptly if applicable.

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Annex III Install the Xtension Pro Assistant – LP



The content in this section is intended for personnel who have an advanced level of competency. Refer to the « User Competency » section on page 5 if needed.



WARNING – Risk of Injury

Always wear/use the appropriate Personal Protection Equipment (PPE) based on your established internal protocols (e.g., gloves, eyewear, etc.) during the installation.

NOTE : The illustrations herein are for user-comprehension purposes and may differ from your actual configuration. The instructions apply to any compatible clamp block and stretcher. Refer to the « Technical Specifications » section on page 15 for the compatibilities.

Estimated Installation Time

30-45 minutes

Required Parts

- Locking mechanism assembly
- Clamp block (4X) assembly
- Cot support structure assembly

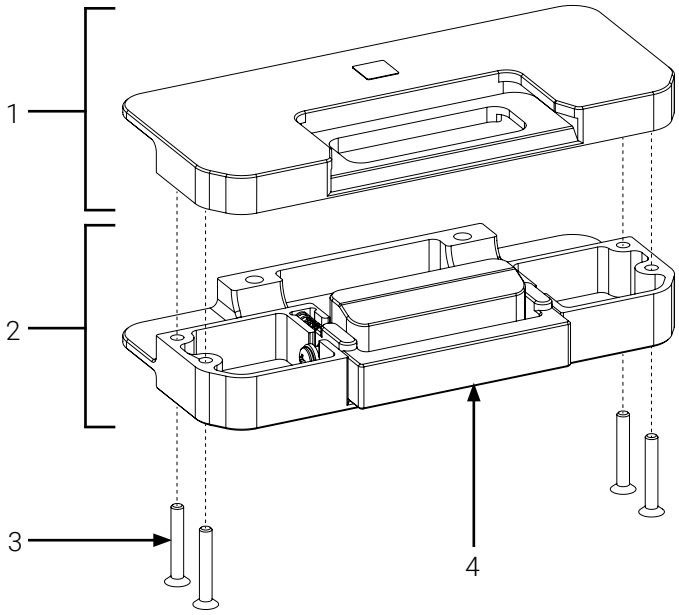
Customer-Provided Tools

- $^{3}/_{16}$ in. hex key
- Phillips-head screwdriver #2
- Torque wrench
- Medium strength thread lock adhesive ( )

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Install the Xtension Pro Assistant – LP on the Stretcher Frame

1. Identify the locking mechanism assembly parts (Figure 31).



1. Top part of the locking mechanism	3. 10-32 X 1-¼ in. flat-head screw (4X)
2. Bottom part of the locking mechanism	4. Quick release button

Figure 31: Locking mechanism assembly parts

2. Remove the mattress, and flip the stretcher to facilitate the installation of the cot support structure. Refer to your established internal protocols if needed.

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3. At patient foot-end, place and align the top part of the locking mechanism under the stretcher frame and the bottom part of the locking mechanism over the stretcher frame, then tighten using the four (4) screws coated with medium strength thread lock adhesive, a Phillips-head screwdriver #2 and a torque wrench (Figure 32).

   NOTE : A torque of 30 in.-lbs is required.

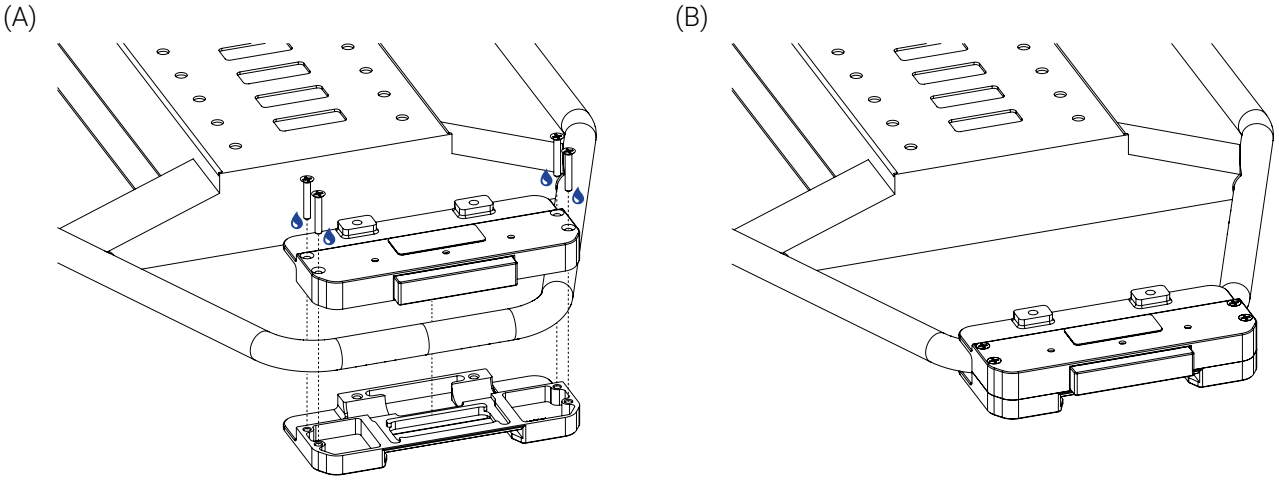
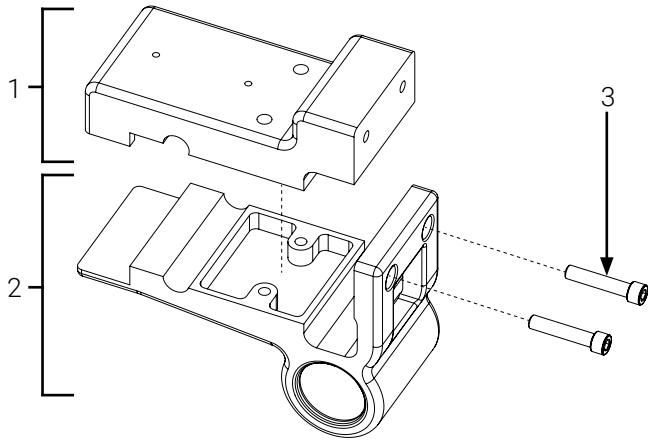


Figure 32: Installing the locking mechanism on the stretcher frame

4. Identify the clamp block assembly parts (Figure 33).



1. Top part of the clamp block (4X)
2. Bottom part of the clamp block (4X)
3. ¼-28 X 1.25 in. socket-head screw (8X)

Figure 33: Clamp block assembly parts

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5. Place and align the top part of the clamp block under the stretcher frame and the bottom part of the clamp block over the stretcher frame, then partially tighten using the two (2) screws coated with medium strength thread lock adhesive and a 3/16 in. hex key (Figure 34). The screws will be tightened at a later step.

(A) (B)

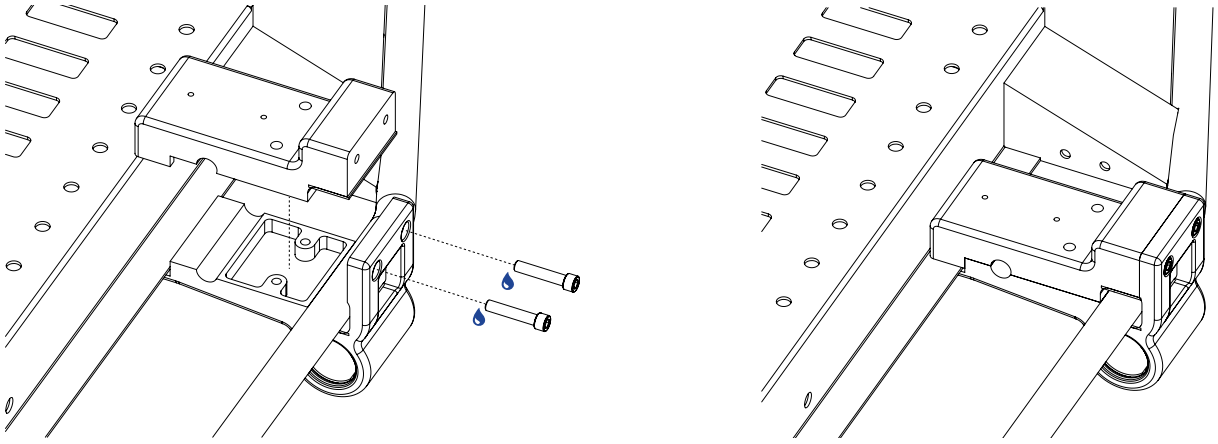


Figure 34: Installing the clamp block on the stretcher frame

6. Repeat step 5 to install the remaining three (3) clamp blocks on the stretcher frame (Figure 35).

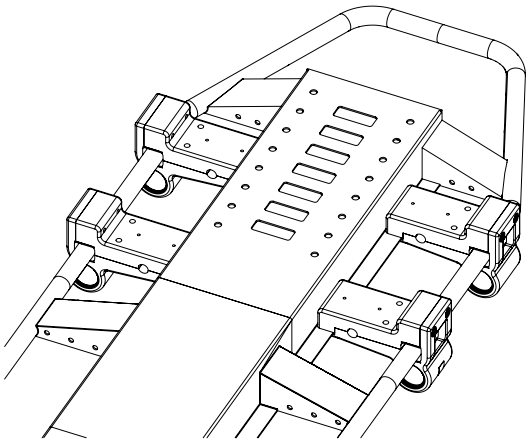
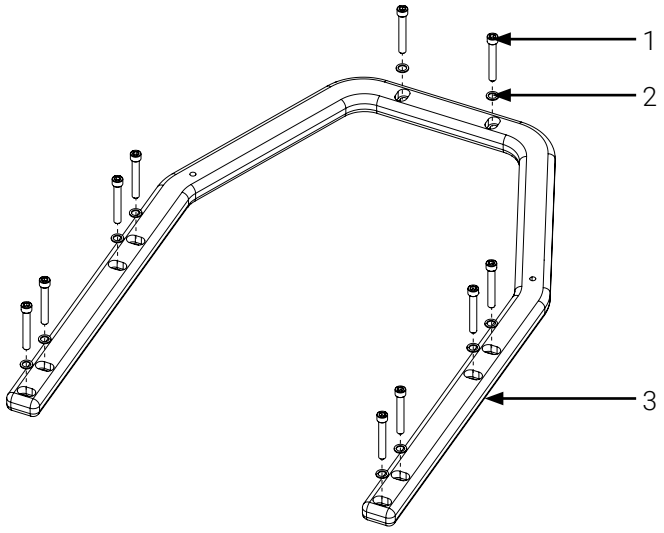


Figure 35: Clamp blocks installed on the stretcher frame

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7. Identify the cot support structure assembly parts (Figure 36).



1. ¼-28 X 1.5 in. socket-head screw (10X)
2. Flat washers (10X)
3. Cot support structure

Figure 36: Cot support structure assembly parts

8. Place and align the screw holes of the cot support structure with the screw holes of the clamp blocks, then partially tighten by using the ten (10) screws coated with medium strength thread lock adhesive, the ten (10) flat washers and a 3/16 in. hex key (Figure 37). The screws will be tightened at a later step.

(A) (B)

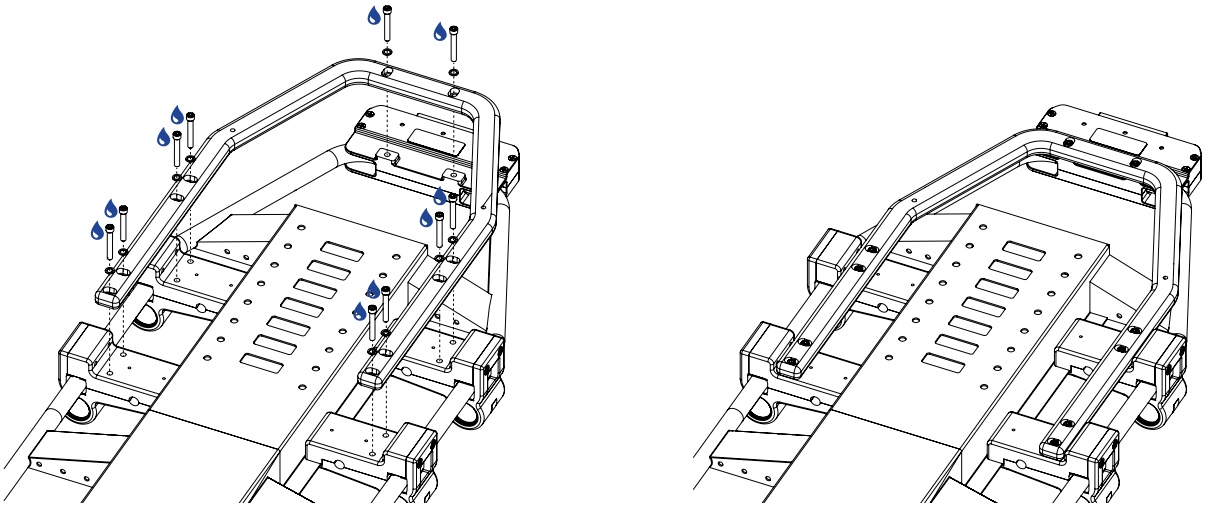


Figure 37: Installing the cot support structure on the stretcher frame

9. Flip the stretcher.

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10. Align and insert the tubular arms of the mobile structure in the clamp blocks of the cot support structure (Figure 38A) until the locking mechanism is engaged (Figure 38B), using the recommended safe lifting technique. Refer to the « Safety Measures » section on page 12, and to your established internal protocols if needed.

(A) (B)

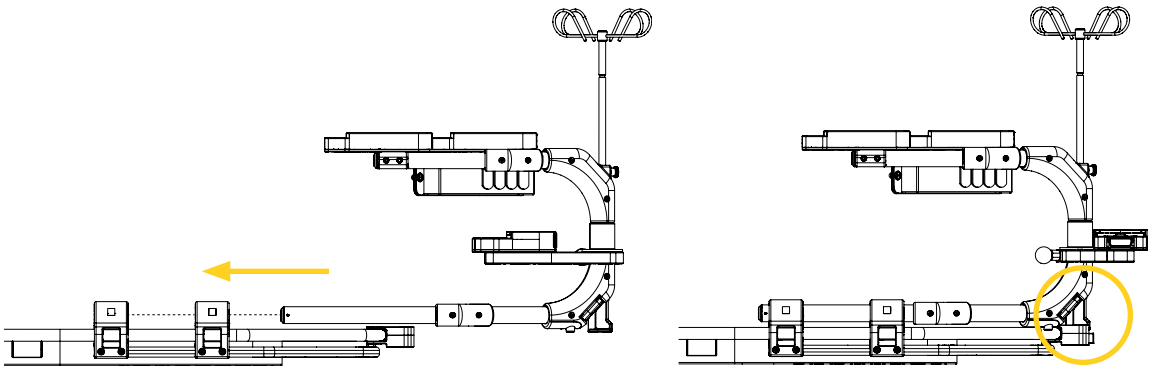


Figure 38: Installing the Mobile structure in the clamp blocks

11. Tighten the eight (8) clamp block screws and two (2) locking mechanism screws (Figure 39) using a $^{3}/_{16}$ in. hex key and a torque wrench.

NOTE : A torque of 162 in.-lbs is required.

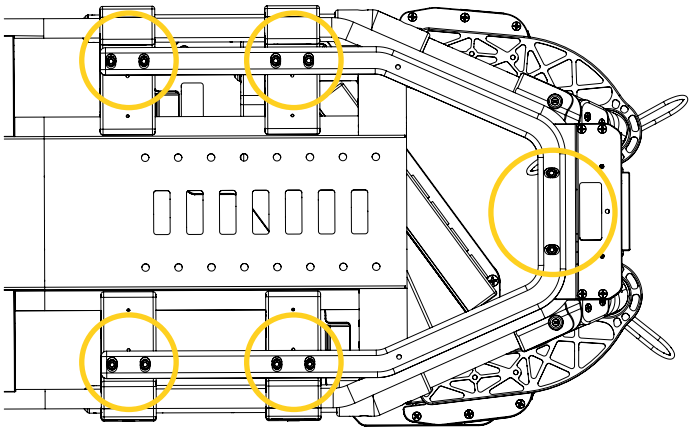


Figure 39: Tightening the clamp block and locking mechanism screws

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12. Press and hold the quick release button of the Xtension Pro Assistant – LP (Figure 40A), then slide the mobile structure out of the clamp blocks (Figure 40B).

(A) (B)

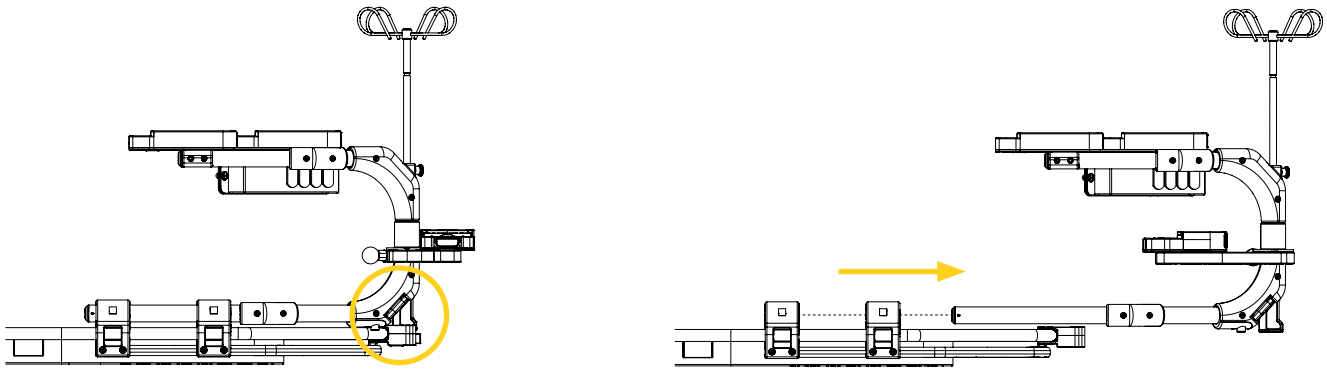


Figure 40: Removing the mobile structure from the clamp blocks

13. Set the mobile structure aside on a clean surface temporarily.
14. Tighten the eight (8) screws located on the side of the clamp blocks (Figure 41) using a 3/16 in. hex key and a torque wrench.

    NOTE : A torque of 162 in.-lbs is required.

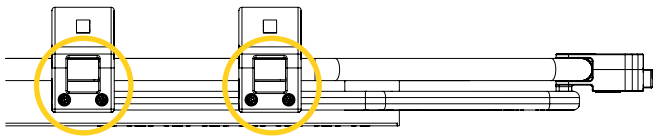


Figure 41: Tightening the clamp blocks on the stretcher frame (4 of 8 screws illustrated)

15. Move the cot support structure back and forth a few times to ensure that it is properly secured on the stretcher frame. If the cot support structure does not move during the verification, it is properly secured.
16. Re-install the mobile structure in the clamp blocks of the cot support structure (Figure 42).

(A) (B)

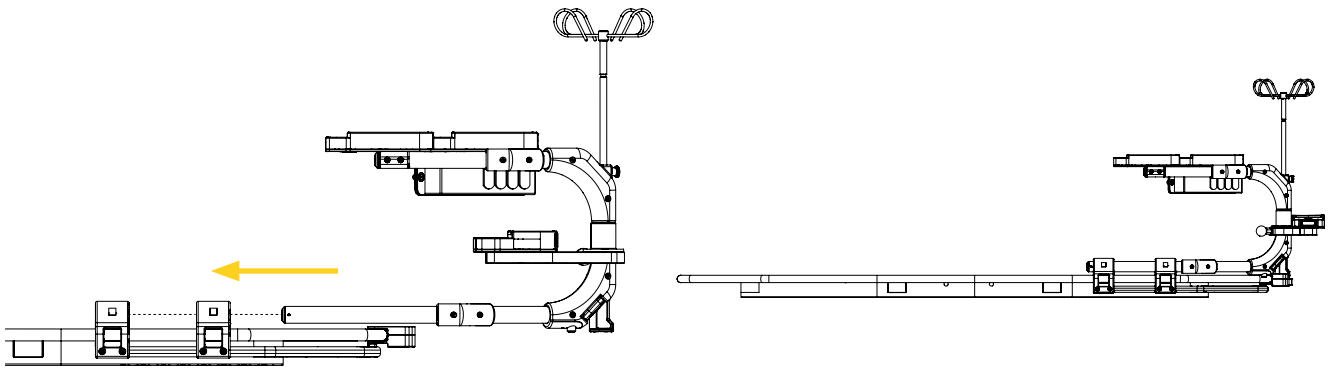


Figure 42: Re-installing the mobile structure in the clamp blocks

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17. Install the medical devices if needed. Refer to « Install the Medical Devices on the Xtension Pro Assistant – LP » section on page 25.

The installation of the Xtension Pro Assistant – LP on the stretcher frame is complete.

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Annex IV Maintenance

The content in this section is intended for personnel who have an advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Factors such as weather, environment, geographical location and individual usage will necessitate different needs. For the maintenance of the Xtension Pro Assistant – LP, follow the guidelines listed herein and in accordance with your service's current maintenance practices and established internal protocols. Please contact Technical Support at techsupport@technimount.com for replacement parts or repair related issues, if needed.

WARNING – General Warning

- **Do not perform** the safety checks or the condition-based maintenance before having read the entire « Safety Measures » section on page 12 and the maintenance specific safety measures in this section, having read the entire content of this user manual, having gained in-depth knowledge and product comprehension, as well as having familiarized yourself with the standards and guidelines.
- Safety checks and a condition-based maintenance plan are required and should be established for all Technimount products.
- Perform the safety checks and maintenance operations as described herein. Failing to follow the recommended maintenance plan or its guidelines could cause premature damage to the product.
- Use only Technimount parts, maintenance procedures, cleaning solutions and lubricants (if applicable), as described herein. Using unapproved modified parts or procedures for the maintenance of the Technimount product may cause the system to be unstable and could cause injury to the patients or EMS and clinical personnel and void the product warranty.
- Replace damaged or worn-out parts if past their expected service life or when damaged (refer to the « Replacement Parts/Kits » section on page 52). Recycle damaged parts or dispose according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).

CAUTION – Safe Handling and Operation

- **Do not use** unauthorized, untested or unapproved cleaning products and disinfectants to perform condition-based maintenance, to avoid damaging the surface of your Technimount product and void the warranty. Technimount will not be held liable for damages resulting from the use of an unauthorized, untested or unapproved cleaning product.
- **Do not use** powered tools to screw the hardware during installation, as there is a risk of damage to the threads.
- **Do not steam clean or use ultrasonic cleaners** on the system or any of its components.
- **Do not immerse** the metal parts/components in water.
- To spot clean, the maximum water temperature should not exceed 82° C (180° F). The maximum water pressure should not exceed 1500 psi/103.5 BAR. If using a high pressure washer, the pressure nozzle must be kept a minimum of 609.6 mm (24 in.) from the product.
- When cleaning, always use the appropriate Personal Protection Equipment (PPE) based on your established internal protocols (e.g., gloves, eyewear, etc.).

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CAUTION – Corrosion

- Always rinse and dry the Xtension Pro Assistant – LP components properly after using cleaning products. Certain types of cleaners may leave a corrosive residue on the surface of the product and could cause the premature corrosion of critical components. Refer to the product Safety Data Sheets (SDS) for chemical information or handling, storage and emergency measures in case of accident.
- Dispose of corrosive wastes according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).

CAUTION – Follow Instructions for Use

Always read and abide by all the safety guidelines identified, as well as follow all of the instructions provided by the manufacturer of the cleaning product.

Maintenance Frequency

- Safety checks and the condition-based maintenance should be performed minimally every month or as frequently needed, to prolong the longevity of the Xtension Pro Assistant – LP in optimal conditions.
- Decontaminate the Xtension Pro Assistant – LP as recommended in your established internal protocols, as well as the regulations and standards in virtue of the infection prevention and control procedures.

Required Tools

- Clean and dry cloth
- Soft brush
- Pressure washer
- Cleaning solutions
- $^{3}/_{16}$ in. hex key
- Phillips-head screwdriver #2 and #3
- Torque wrench
- Medium strength thread lock adhesive ( )

Tested and Approved Cleaning Solutions

- Oxivir, 5% Hydrogen Peroxide with Peracetic Acid (AHP)
- Lavo 12, 10 000 ppm Sodium Hypochlorite
- TNT-100, 5% Quaternary Ammonium Compound
- Spectro-Sept, 5% Ethyl Alcohol
- Spectrol, 5% EDTA salt

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Maintenance Plan

1. Check the boxes upon completion of the « Safety Checks » section on page 47 and the « Condition-Based Maintenance » section on page 49, then add your comments and/or observations in the « Maintenance Log » section on page 50 if needed. In case of a non-conformity, immediately stop using the Xtension Pro Assistant – LP and contact Technical Support at techsupport@technimount.com for a remedial action plan.
2. Keep records of your maintenance activities.

SAFETY CHECKS	CHECKED
Xtension Pro Assistant – LP (Figure 43)	
- Visually inspect all the components of the Xtension Pro Assistant – LP to ensure that the hardware is in good condition and there are no loose screws. • *If the hardware is not in good condition, contact Technical Support.* • *If the screws are loose, there is a non-conformity*	☐
- Visually inspect all the components of the Xtension Pro Assistant – LP to ensure there is no chemical attack. • *If there are traces of chemical attack, clean the mounting system. Refer to the « Condition-Based Maintenance » section on page 49.*	☐
- Install/remove the mobile structure in/from the clamp blocks of the cot support structure a few times to ensure proper functioning of the locking mechanism. • *If the tubular arms of the mobile structure cannot be easily inserted in the clamp blocks and/or and you feel resistance when doing so, there is a non-conformity.* • *If the mobile structure does not lock in the cot support structure after having been properly installed, there is a non-conformity.* • *If the mobile structure cannot be easily removed from the cot support structure when using the quick release button, there is a non-conformity.*	☐
- Pull/release the pull release knobs of the IV pole holders a few times to ensure proper functioning of their safety mechanism. • *If the IV pole does not glide up and down in its holder when the knob is pulled and held, there is a non-conformity.* • *If the IV pole does not lock when the knob is released and the stem of the pull release knob inserts the perforations of the IV pole, there is a non-conformity.*	☐
- Pull/release the pull release knobs of the swivel micro shelves a few times to ensure proper functioning of their safety mechanism. • *If the swivel micro shelf does not move inwards/outwards when the knob is pulled and held, there is a non-conformity.* • *If the swivel micro shelf does not lock when the knob is released and the stem of the pull release knob inserts the locking positions, there is a non-conformity.*	☐

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SAFETY CHECKS	CHECKED
- Press/release the locking mechanism of each Micro Base/Standard Surface Base a few times to ensure proper functioning of their safety mechanism. • *If the locking mechanism does not easily insert or a resistance in felt when it is pressed, there is a non-conformity.* • *If the locking mechanism of the Micro Base does not retract easily or to a minimum of 1/8 in. (H) when it is released, there is a non-conformity.* • *If the locking mechanism of the Standard Surface Base does not retract easily or to a minimum of 3/16 in. (H) when it is released, there is a non-conformity.*	☐
- Press/release the quick installation button of each Micro Base/Standard Surface Base a few times to ensure proper functioning of their safety mechanism. • *If the button does not easily insert or a resistance in felt when it is pressed, there is a non-conformity.* • *If the button does not retract easily when it is release, there is a non-conformity.*	☐
- Press/release the plungers of each Micro Base/Standard Surface Base a few times to ensure their proper functioning of their safety mechanism (4X per base). • *If the plungers do not easily insert and/or remain stuck in the base when they are pressed, clean the base and lubricate the plungers. Refer to the Micro Base/Standard Surface Base User Manual(s) if needed.*	☐
- Install/remove the micro disc located under the mounting bracket of medical device in/from each Micro Base and/or the standard bottom disc located under the mounting bracket of medical device in/from each Standard Surface Base a few times to ensure proper functioning of the safety mechanism of the bases. • *If the disc does not easily insert in the base and/or does not lock when it is pushed n the base, there is a non-conformity.* • *If the mounting bracket moves after correctly having been installed in the base, there is a non-conformity.* • *If the mounting bracket does not easily rotate clockwise or counterclockwise and/or a resistance is felt when doing so, there is a non-conformity.* • *If the disc cannot be easily removed from the base when using the quick-release button of the base, there is a non-conformity.*	☐
- Visually inspect the safety labels to ensure that they are still legible and all accounted for. Refer to the « Safety Labels » section on page 10 if needed. • *If the specifications are illegible and/or missing, there is a non-conformity.*	☐
- Visually inspect the manufacturing label to ensure that specifications are still legible and that the Xtension Pro Assistant – LP has not passed its expected service life. Refer to the « Manufacturing Labels » section on page 11 if needed. • *If the specifications are illegible and/or the estimated period of safe and reliable use has passed, there is a non-conformity.*	☐

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CONDITION-BASED MAINTENANCE	COMPLETED

Clean the Xtension Pro Assistant – LP, after you have completed the safety checks: ☐

1. Remove the excess dirt using a clean cloth, if needed.
2. Remove the contaminants using a pressure washer or as recommended in your established internal protocols and control procedures.
3. Clean using a cloth and cleaning solution.
4. Spot clean stains by applying the solution directly on the stain and let sit on the surface, if needed.

   NOTE : Avoid over saturation and ensure that the product does not sit on the surface of the Xtension Pro Assistant – LP components longer than recommended by the cleaner's manufacturer.

5. Thoroughly rinse the solution with a clean cloth dampened with lukewarm water, then dry all the components using a clean cloth before returning to service.

Clean the mounting systems and the mounting brackets, after you have completed the safety checks and the condition-based maintenance of the Xtension Pro Assistant – LP. Refer to the User Manual(s) if needed. ☐

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MAINTENANCE LOG

Add your comments and/or observations, after you have completed the safety checks and condition-based maintenance, if needed:

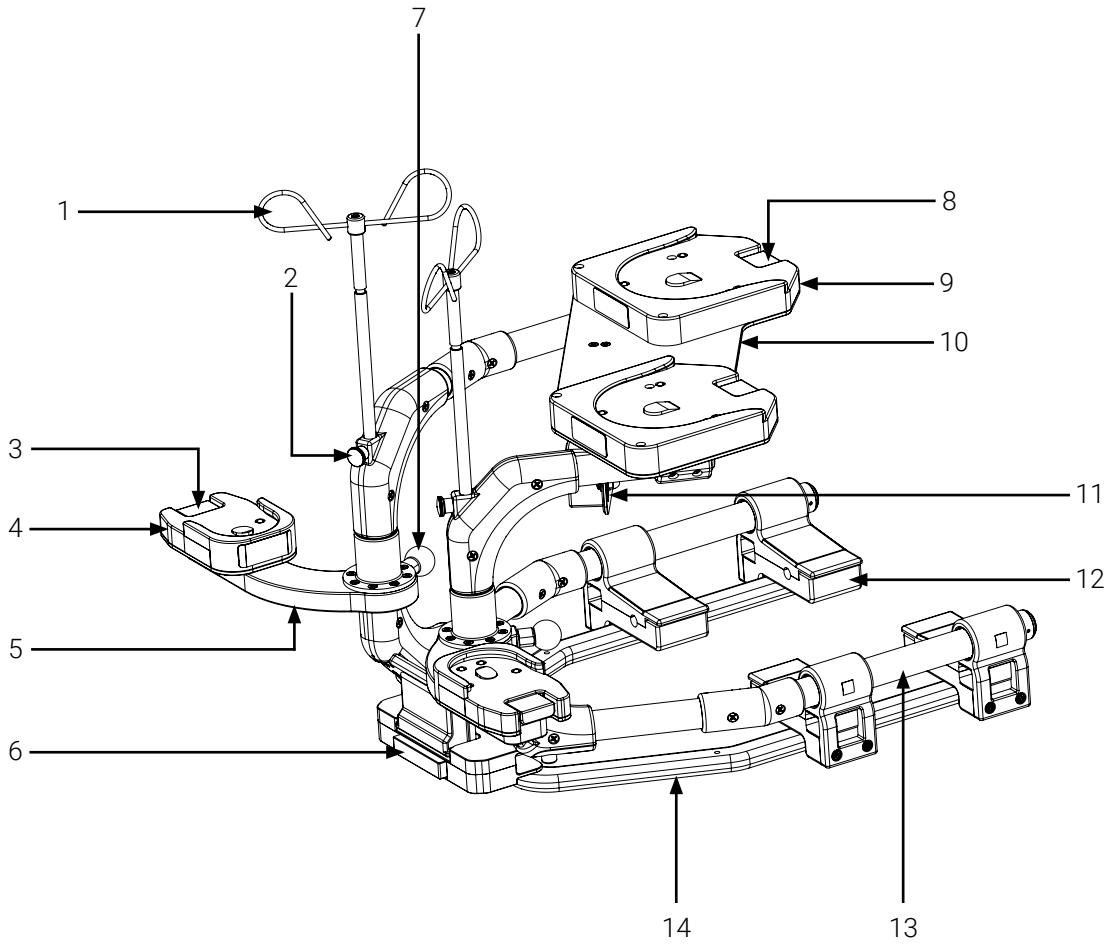
Maintenance plan completed on (dd/mm/yyyy):

Maintenance plan completed by:

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Illustrated Inspection Points

Figure 43 illustrates the inspection points of the Xtension Pro Assistant – LP.



1. IV pole (2X)
2. Pull release knob (IV pole; 2X)
3. Quick release button (Micro Base; 2X)
4. Micro Base (2X)
5. Swivel micro shelf (2X)
6. Quick release button (mobile structure)
7. Pull release knob (swivel micro shelf; 2X)
8. Quick release button (Standard Surface Base; 2X)
9. Standard Surface Base (2X)
10. Top plate
11. Power bar (under the top plate)
12. Clamp block (4X)
13. Tubular arm (mobile structure; 2X)
14. Cot support structure

Figure 43: Xtension Pro Assistant – LP illustrated inspection points

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Annex V Replacement Parts/Kits

The content in this section is intended for personnel who have a proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Technimount reserves the right to change part numbers and products without notice. Please contact Customer Service at customerservice@technimount.com to ensure product options and availability, or Technical Support at techsupport@technimount.com for replacement parts/kits or repair related issues.

REFERENCE #	PART/KIT #	PART/KIT DESCRIPTION	REPLACEMENT PROCEDURE
Figure 43, #1	840-00-IV2-12	IV pole	Refer to the corresponding procedure(s) in the « Operate the Xtension Pro Assistant – LP » section on page 23 if needed
Figure 43, #4	120-20-UN-510-FL	Micro Base	Refer to the Micro Base User Manual if needed
Figure 43, #9	100-20-UN-FL	Standard Surface Base	Refer to the Standard Surface Base User Manual if needed
Figure 43, #11	904-00-KT	(4) outlet, 15 amp Leviton power bar, 7 ft cord	Refer to the IN-RPRC-PS-202608EN-01 replacement procedure

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