

PRODUCT GUIDE & USER MANUAL

XT-5100-60 Iris AirShuttle™

 EC REP Advena Limited Tower Business Centre, 2nd Flr Tower Street, Swatar, BKR 4013 Malta	UK Responsible Person QServe Group UK, Ltd. 49 Greek Street Soho, London W1D 4EG United Kingdom
 Qfix 440 Church Rd, Avondale, Pennsylvania, USA +1 712-737-8688 www.CQmedical.com	 CH REP Raditec Medical AG Schlossberg 5a 5454 Bellikon Switzerland

2008998_EN_1 / 2025-09

GENERAL PRECAUTIONS

⚠ WARNING STATEMENTS

! WARNING ! No modification of this equipment is allowed. If any part of this device experiences a catastrophic load, appears damaged or functions improperly, discontinue use immediately and contact CQ Medical at +1 712-737-8688 or support@CQmedical.com.

SERIOUS INCIDENTS

Please report any serious incidents (e.g. incidents which result in or have the potential to result in death or serious injury) to both CQ Medical and your country's Competent Authority.

⚠ SAFETY INFORMATION

The Iris AirShuttle has been designed to be operated by two people.

! WARNING ! Inspect the AirShuttle™, Airbearing and Accessories for damage prior to use.

! WARNING ! Take care when setting up and transferring patients with introducer kit, protruding catheters, wires, lines, etc.

! WARNING ! To avoid patient injury, take care when performing procedures not to move AirShuttle.

! WARNING ! The maximum safe working load for the Iris AirShuttle is 226 kg (500 lbs). Refer to the Instructions for Use of Receiving Systems and the AirDrive Trolley™ (P/N 2005112) for their maximum safe working loads and DO NOT exceed the lowest load rating.

! WARNING ! Use caution when moving the Iris AirShuttle to avoid patient injury. Extreme care has been taken to minimize trapping zones and other hazards associated with the Iris AirShuttle. However, potential trapping zones include but are not limited to:

- Between attached accessories and accessory rail
- Between the Iris AirShuttle and AirDrive™ Device or Receiving System, e.g. CT, MR, Linac, etc.

! WARNING ! Ensure all accessories including the transfer handles (and integrated handles) are secured to the AirShuttle prior to use.

- Accessory rails have combined max load of 9 kg (20 lb).
- Each rail has max load of 4.5 kg (10 lb).

! WARNING ! Inspect device for damage after use of emergency handles.

! WARNING ! Do not cantilever this device.

! WARNING ! Do not place AirShuttle on a tilted surface.

! WARNING ! Do not transfer AirShuttle onto fluids.

! CAUTION ! To ensure appropriate infection control, drape the device in accordance with standard protocols prior to beginning any procedure.

! NOTE ! Ensure the AirShuttle does not move while loading & unloading the patient.

! NOTE ! Ensure AirShuttle is fully inflated prior to transferring patient.

ENVIRONMENTAL CONDITIONS

Operating

- Temperature: 10°C to 40°C (50°F to 104°F)
- Humidity: 10% to 90% non-condensing
- Atmospheric: 700–1060 hPa

Storage

- Temperature: 0°C to 50°C (32°F to 122°F)
- Humidity: 0% to 95%
- Atmospheric: 700–1060 hPa

⚠ MRI SAFETY INFORMATION

Non-clinical testing has demonstrated the Iris AirShuttle is MR Conditional. This device may be used with an MR system meeting the following conditions:

- The Iris AirShuttle may be placed in the bore of an MR system having a static magnetic field of 3T or less.
- Any attachments used with the device (e.g. I.V. pole) in an MR system must be MR Conditional or MR Safe for use in that system and used in accordance with their intended use.

Non-clinical testing has demonstrated the AirDrive Devices are MR Conditional. This device may be used with an MR system meeting the following conditions:

- Static magnetic field of 3T or less.
- The MR system MRI table must be fixed or docked in place prior to patient transfers taking place.

! WARNING ! Recommended maintenance and service, as well as use of only CQ Medical-provided accessories, components, and replacement parts, are necessary to ensure the safety, performance, and MRI compatibility of the product(s), as well as to maintain applicable warranties.

! WARNING ! Use of unapproved MR accessories may result in:

- Injury to patient
- Patient burns
- Damage to equipment

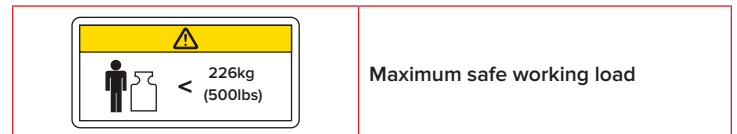
Use only proven MR Safe or MR Conditional accessories, tested and approved for your MR system.

Consider the MR compatibility of accessories prior to use on your MR system.

! WARNING ! Maintenance and other service of CQ Medical products should never be performed in an MR environment.

WARNING LABELS & DESCRIPTIONS

Refer to CQmedical.com for a listing of symbols and their definitions.



INTENDED USE

Device-Specific Indications for Use/Intended Use: The Iris AirShuttle is for use as part of the AirDrive system to facilitate diagnostic and image guided procedures including under fluoroscopy, X-ray, CT, MR, other imaging procedures, and other procedures involving transfer of a patient.

System Indications for Use/Intended Use: The CQ Medical Symphony Patient Transport System is indicated to aid in the support, positioning, and transfer of a patient for procedures involving imaging, including MRI; and external beam radiation therapy treatment with electrons, photons or protons; and other procedures requiring transfer of a patient. The Symphony is designed to interface with other positioning devices, such as couchtops, inserts, thermoplastic masks, and positioning pads.

! NOTE ! United States Federal law restricts this device to sale by or on the order of a physician.

Patient Target Groups

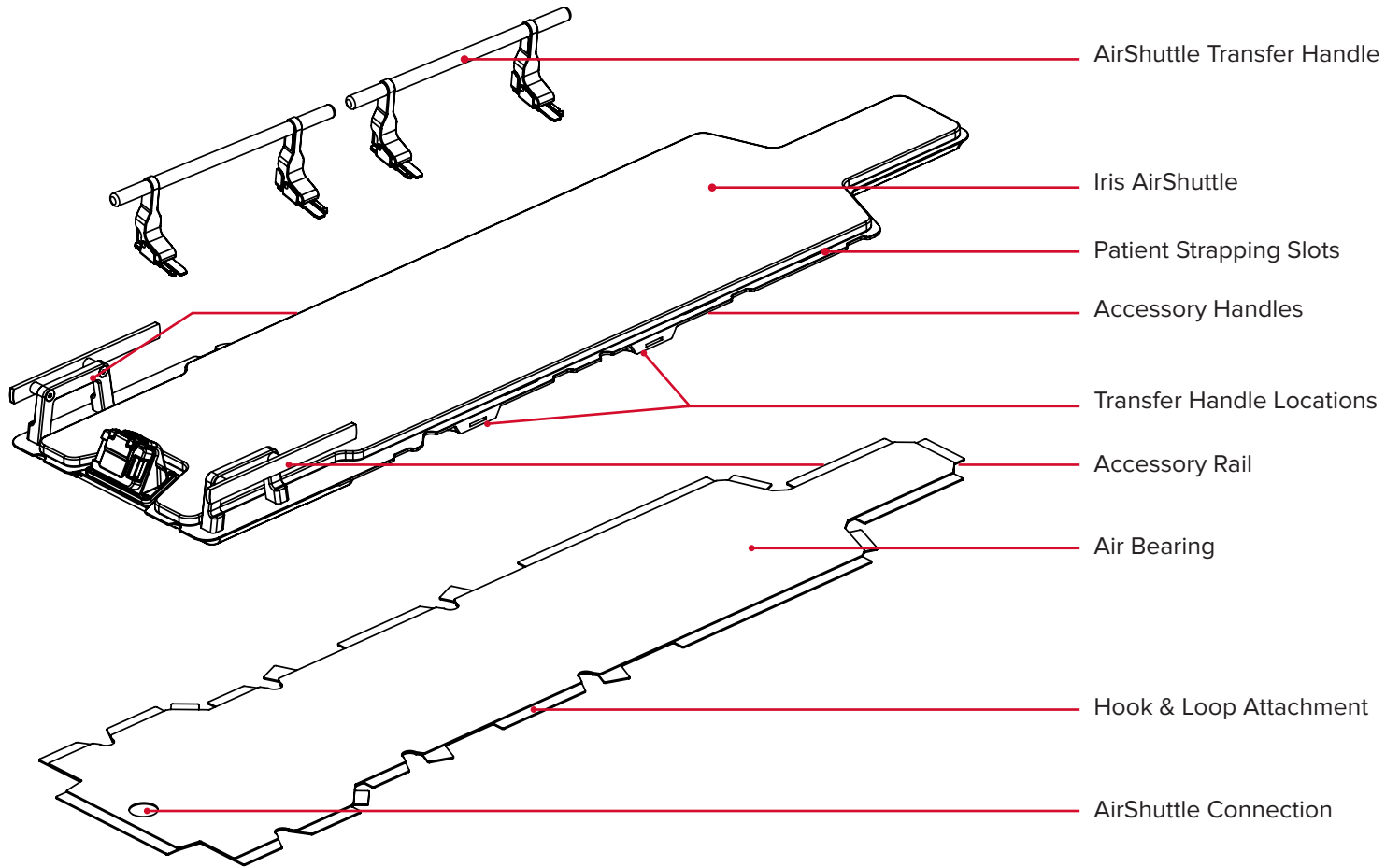
Patients undergoing radiation therapy, diagnostic imaging procedures, or other procedures involving transfer of a patient.

Intended Users

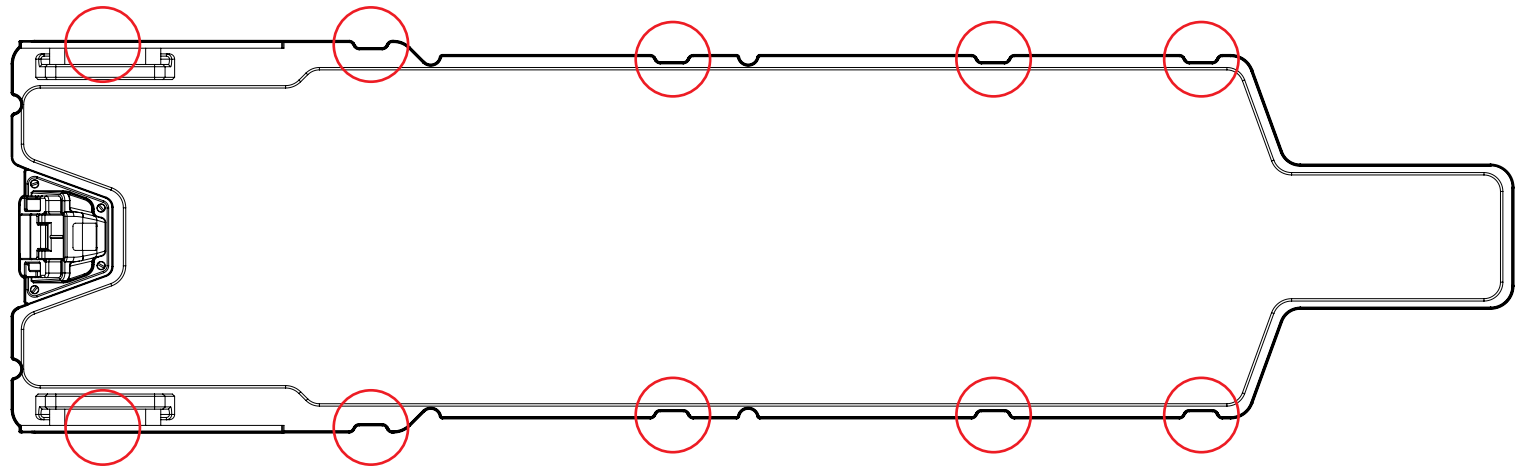
The intended user for the products is a person qualified in accordance with the requirements of the regulatory region.

GETTING TO KNOW YOUR IRIS AIRSHUTTLE

IRIS AIRSHUTTLE

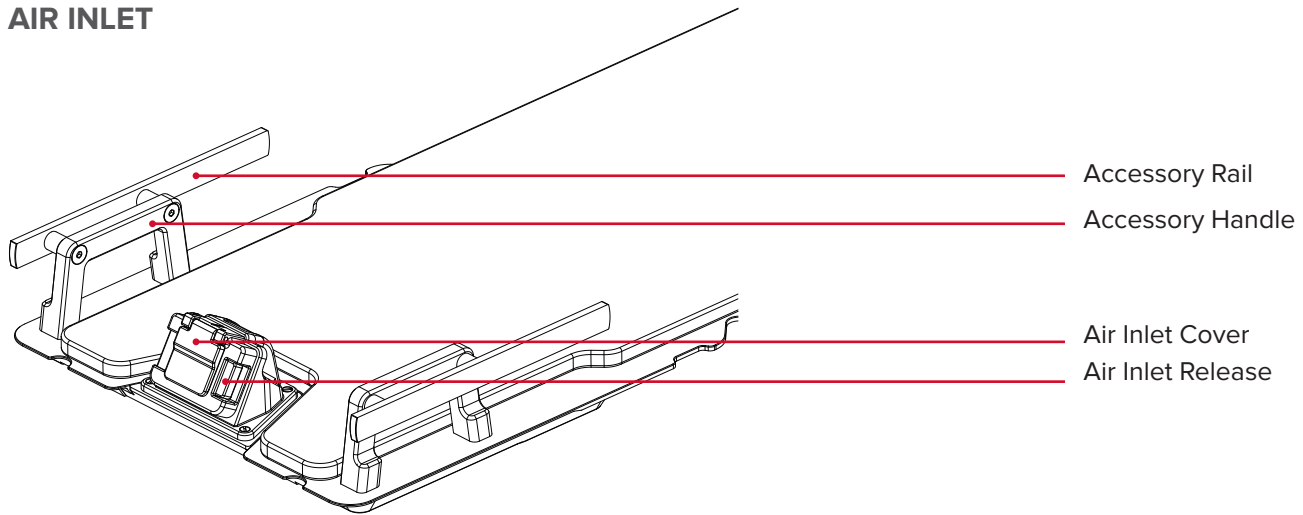


INTEGRATED HANDLE LOCATIONS



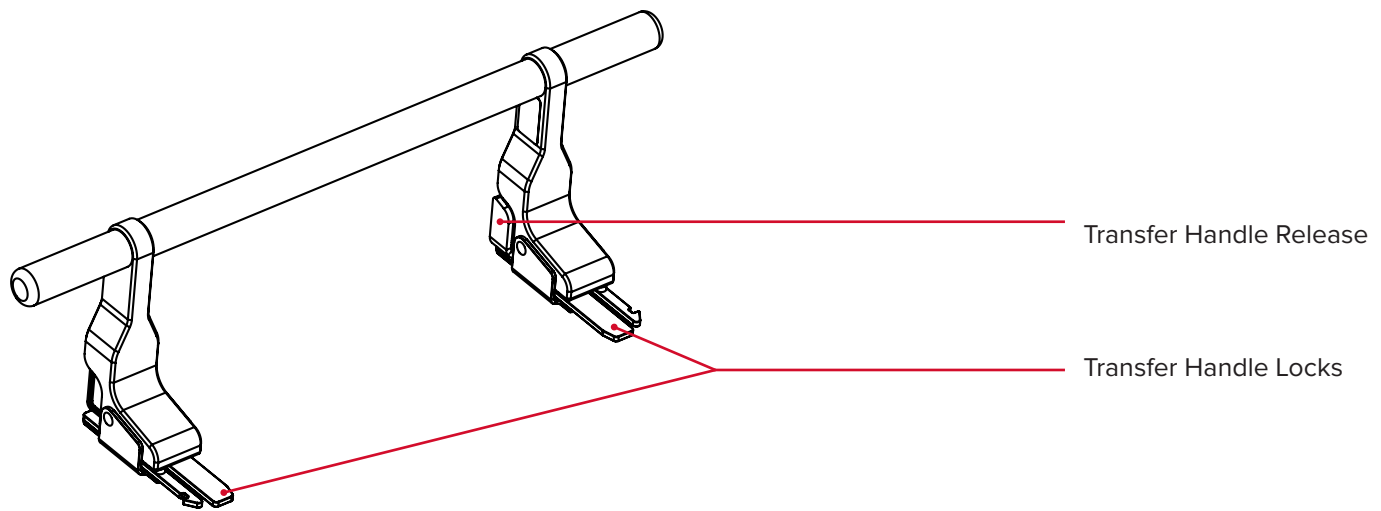
GETTING TO KNOW YOUR IRIS AIRSHUTTLE CONT.

AIR INLET



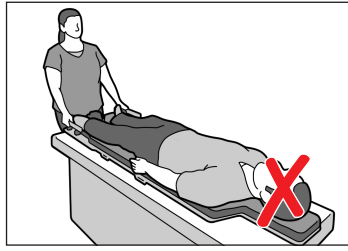
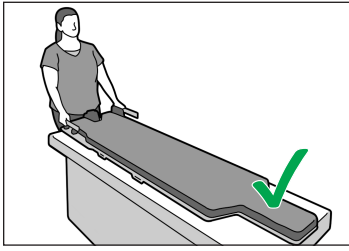
! NOTE ! To reconfigure rails, please refer to Installation Manual, Iris AirShuttle Rails (P/N 2009100)

TRANSFER HANDLE

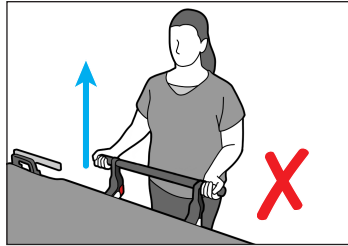
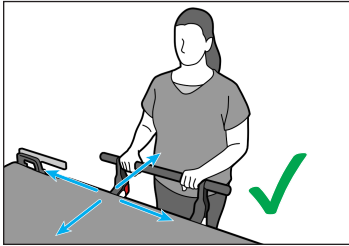


PREPARING THE AIRSHUTTLE FOR USE

Proper Accessory Handle Usage



Proper Transfer Handle Usage

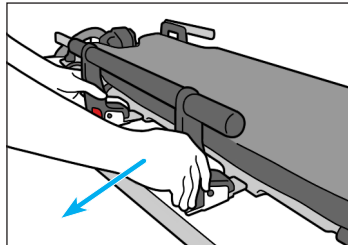
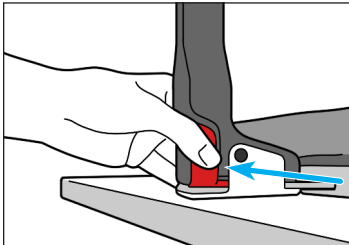


LOADING THE PATIENT

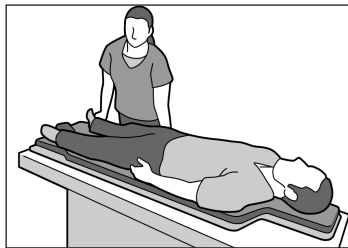
Support Device While Loading the Patient



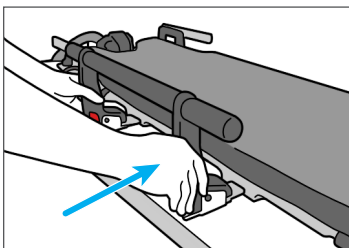
Remove Transfer Handles



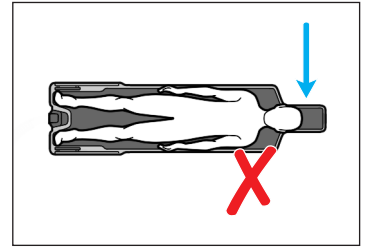
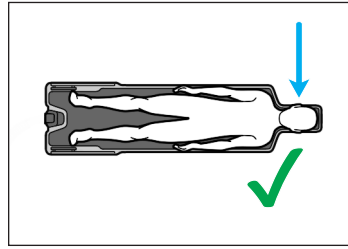
Load Patient



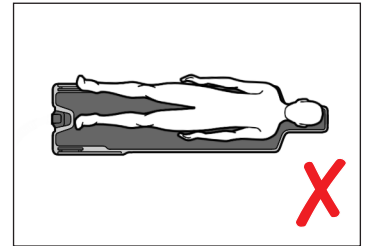
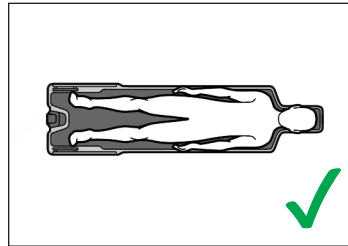
Install Transfer Handles



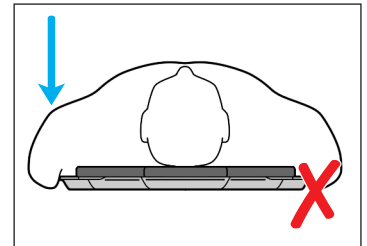
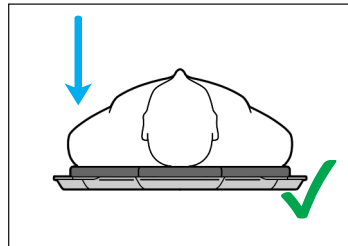
Proper Patient Longitudinal Positioning



Proper Patient Lateral Positioning




Ensure Patient's Body Does Not Overhang AirShuttle



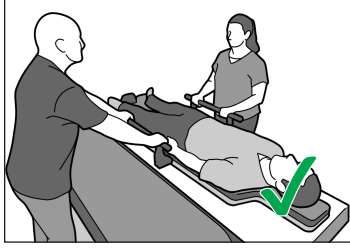
Strapping the Patient



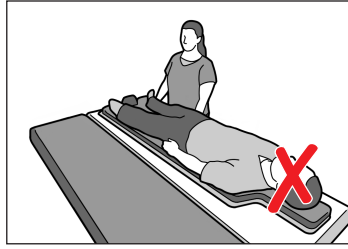
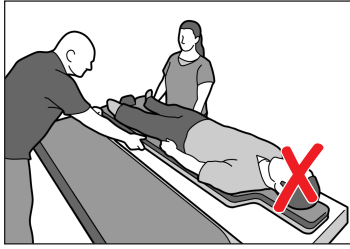
TRANSFERRING WITH AIRSHUTTLE

 AirDrive Trolley (P/N 2005112) & AirDrive Caddie (P/N 2008502)

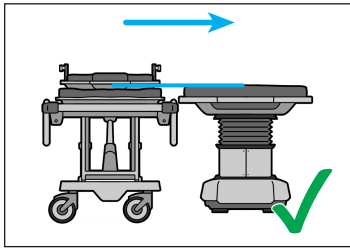
Proper Transfer



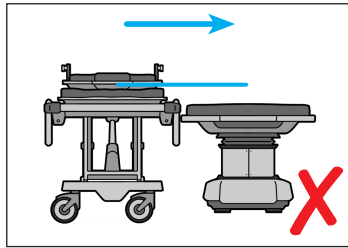
Improper Transfer



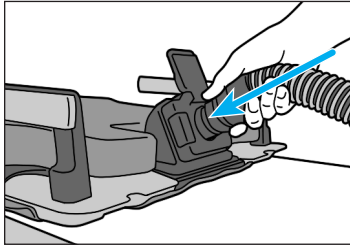
Proper Surface Height Alignment



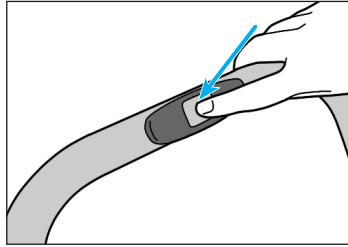
Improper Surface Height Alignment



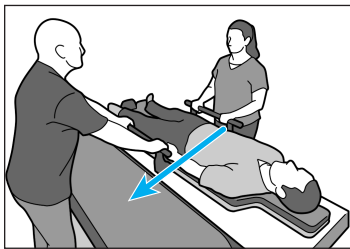
Install Air Hose



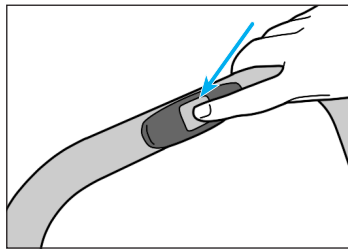
Activate Blower Button



Perform Transfer

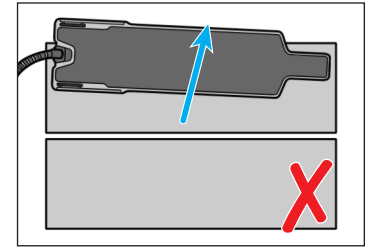
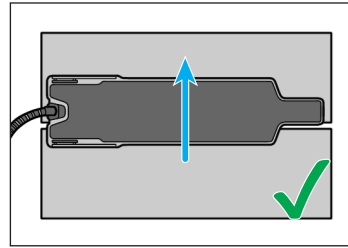


Deactivate Blower

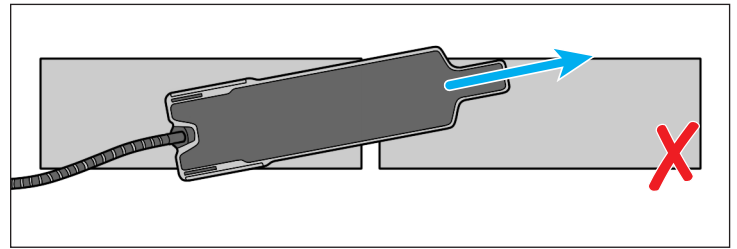
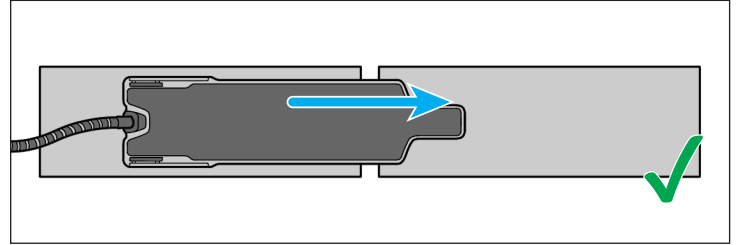


TYPES OF TRANSFERS

Lateral Transfer

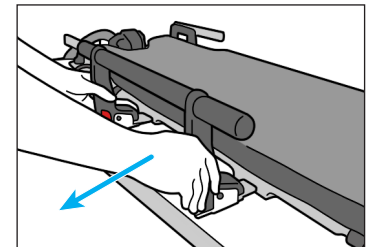
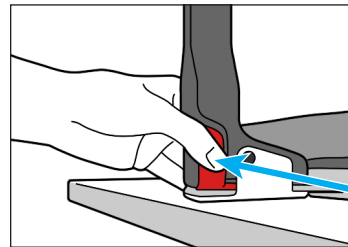


Longitudinal Transfer

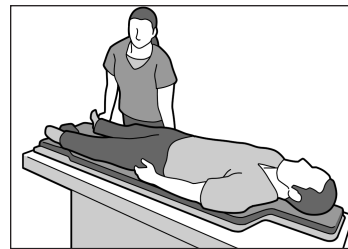


UNLOADING THE PATIENT

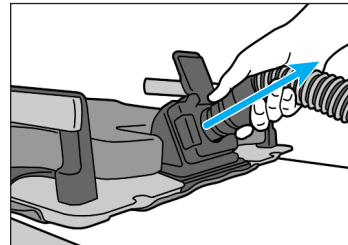
Remove Transfer Handles



Remove Patient

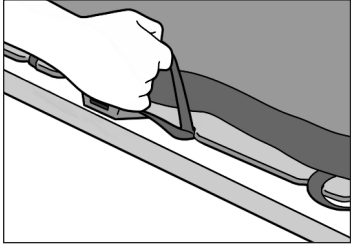
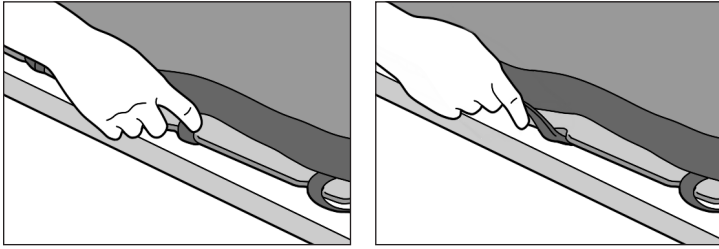


Remove Air Hose

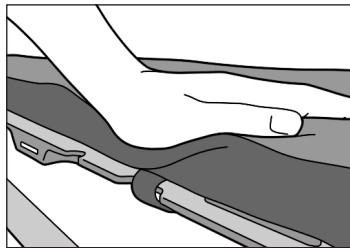
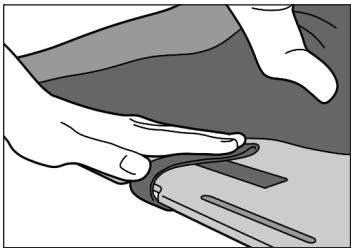


USING THE INTEGRATED HANDLES

Deploying the Integrated Handles



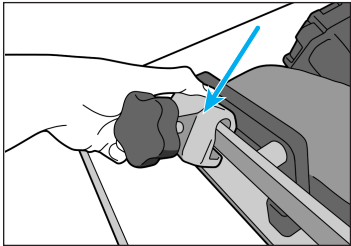
Storing the Integrated Handles



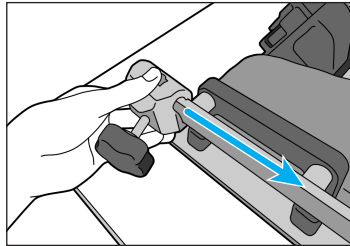
! NOTE ! Store the Integrated Handles when not in use.

INSTALLING THE ACCESSORY CLAMP

Snap on Installation

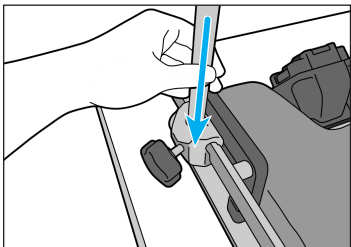


Slide on Installation

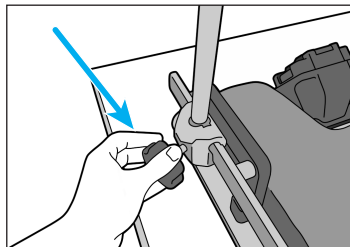


INSTALLING I.V. POLE ONTO CLAMP

Slide in I.V.



Pole Tighten Knob



MAINTENANCE

CLEANING THE SYSTEM

The device can be cleaned with a mild, non-abrasive cleaning or disinfecting solution. To clean, apply solution to clean cloth and wipe the surface. Visually inspect the device, if it is not clean, repeat the previous cleaning steps until visually clean. Use a clean cloth moistened with water to wipe the device to remove any cleaning agent residue. To dry, wipe the device with a clean, dry cloth. The following cleaning material has been tested and found to be appropriate for cleaning the device.

- Water
- Soap and Water

DISINFECTING

The following products are recommended. Refer to specific instructions from the chemical agent manufacturer.

- 10% Clorox® Bleach Solution
- Isopropyl Alcohol
- CaviWipes™

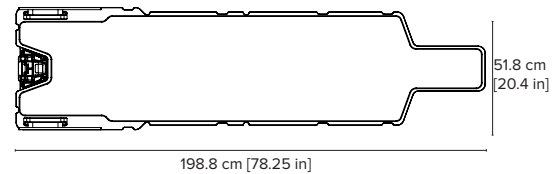
For proper operation of the air bearing, ensure no residue remains after cleaning. Perform final cleaning step with water, if necessary. Wait for air bearing to dry prior to next use.

! CAUTION ! Fluids that enter the AirDrive Trolley, especially the trolley base or the AirShuttle, may cause device malfunction. **DO NOT** spray directly onto the AirDrive Trolley or the AirShuttle or allow liquids to flow into the trolley base.

SPECIFICATIONS

XT-5100-60

DIMENSIONS



WEIGHT

Iris AirShuttle: 10.6kg [23.3lbs]

PARTS LIST

8003359	Iris AirShuttle Air Bearing Kit
2009013	Iris AirShuttle Cushion – 1.5" thick
2008860	Iris AirShuttle Cushion – ¾" thick
8003362	IV Pole Clamp
2008863	Accessory Handle
2008867	Accessory Rail
2008253	Accessory Handle/Rail Screw
8002740	Transfer Handle
8003366	IV Pole

Qfix is a registered trademark of Qfix.

AirDrive, AirDrive Trolley, AirShuttle, and Iris AirShuttle are trademarks of Qfix.

Clorox is a registered trademark of The Clorox Company.

CaviWipes is a trademark of Metrex Research LLC.