

# PRODUCT GUIDE & USER MANUAL

XT-5100-80 Lumen AirShuttle™

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## 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 +1 712-737-868 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 Lumen 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 Lumen 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 AirShuttle to avoid patient injury. Extreme care has been taken to minimize trapping zones and other hazards associated with the AirShuttle. However, potential trapping zones include but are not limited to:

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

**! WARNING !** Ensure all accessories are secured to the AirShuttle prior to use.

**! 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 AirShuttle is MR Safe.

**! 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 [www.CQmedical.com](http://www.CQmedical.com) for a listing of symbols and their definitions.



## INTENDED USE

**Device-Specific Indications for Use/Intended Use:** The Lumen 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

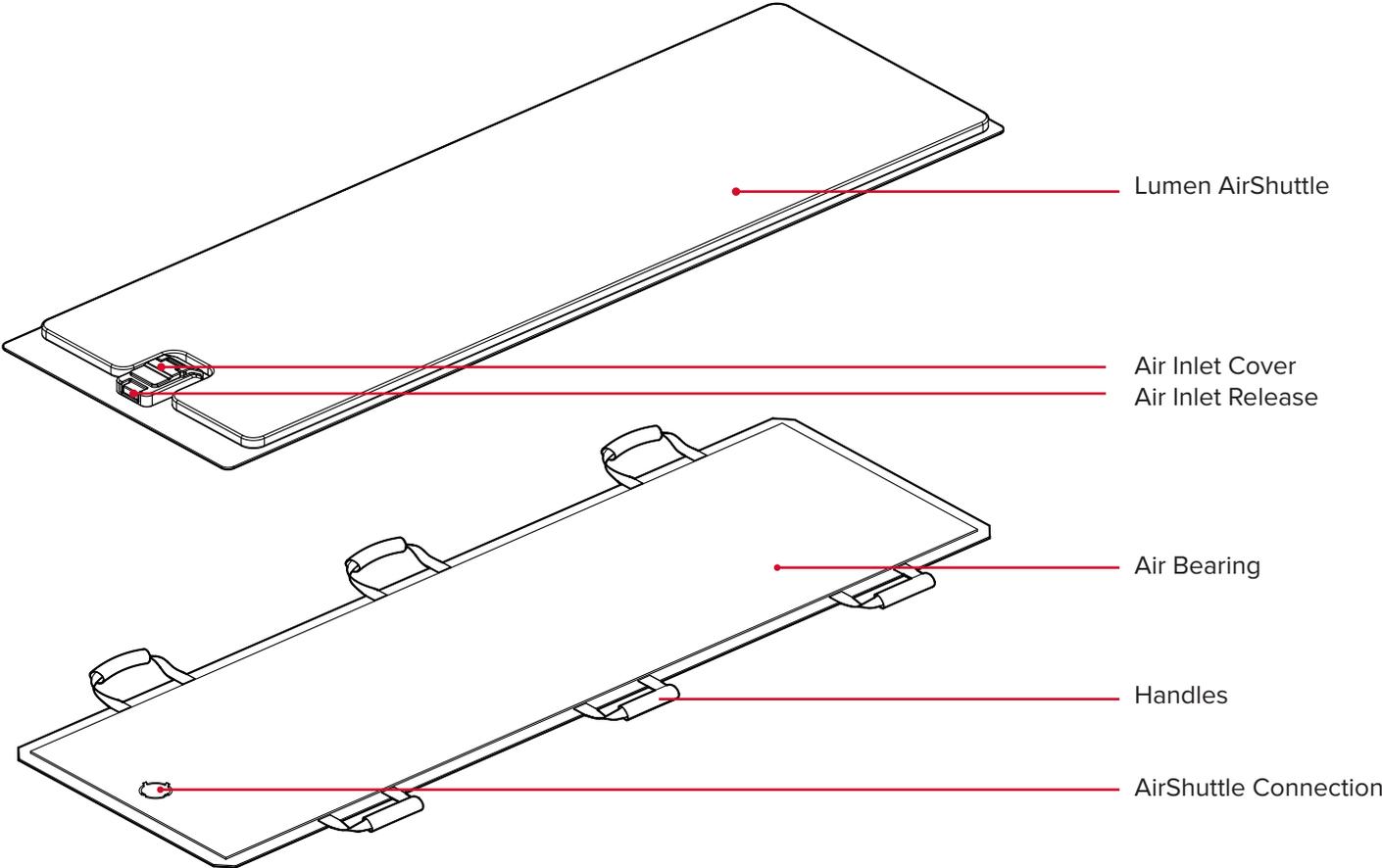
Patients undergoing radiation therapy, diagnostic imaging procedures, or other procedures involving transfer of a patient.

### Intended Users

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

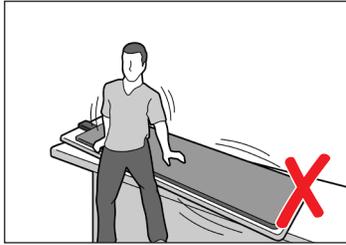
# GETTING TO KNOW YOUR LUMEN AIRSHUTTLE

## LUMEN AIRSHUTTLE



## LOADING THE PATIENT

### Support Device While Loading the Patient



### Load Patient



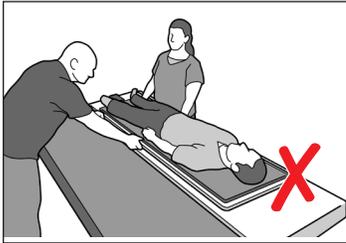
## TRANSFERRING WITH AIRSHUTTLE

 AirDrive Trolley (P/N 2005112 or 143-336) & AirDrive Caddie (P/N 2008502)

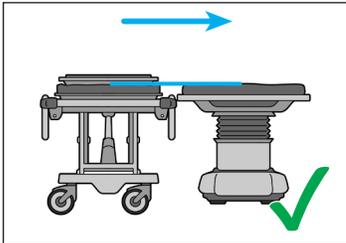
### Proper Transfer



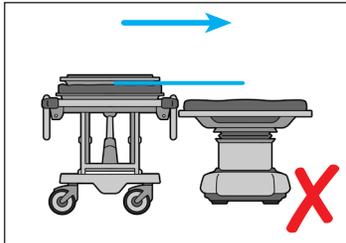
### Improper Transfer



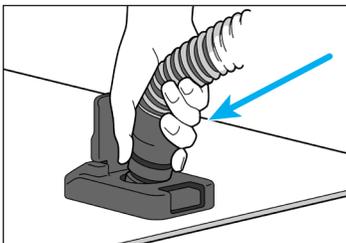
### Proper Surface Height Alignment



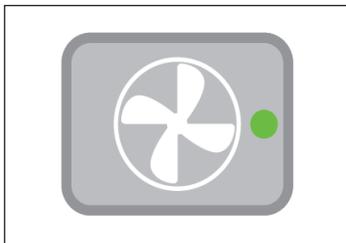
### Improper Surface Height Alignment



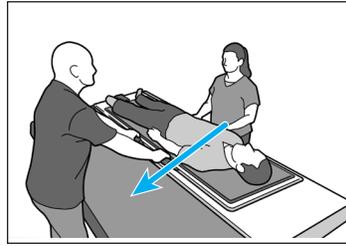
### Install Air Hose



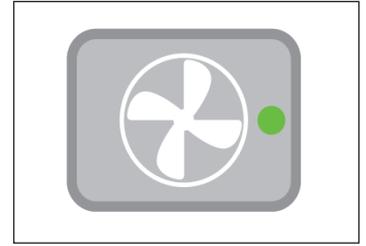
### Activate Blower Button



### Perform Transfer

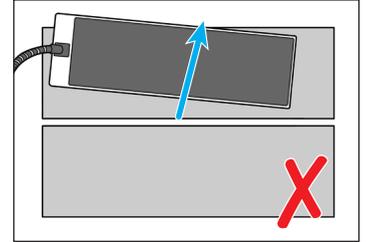
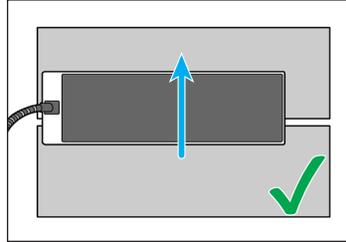


### Deactivate Blower

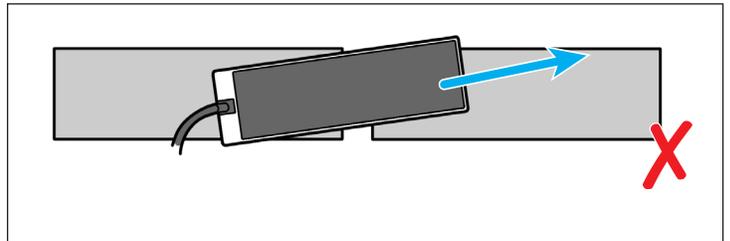
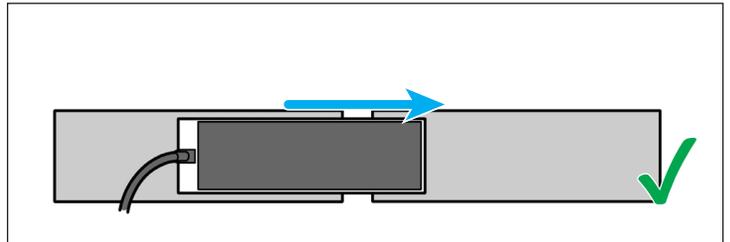


## TYPES OF TRANSFERS

### Lateral Transfer

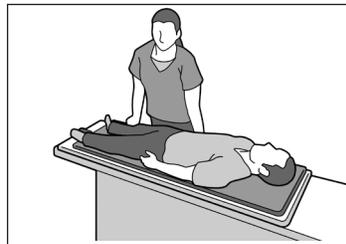


### Longitudinal Transfer

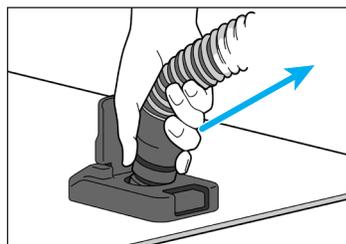


## UNLOADING THE PATIENT

### Remove Patient



### Remove Air Hose



# 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™

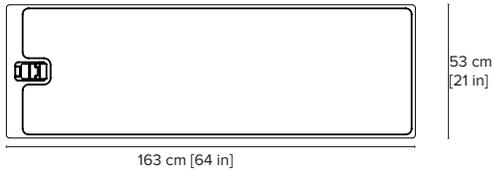
For proper operation of the air bearing, ensure no residue remains after cleaning. Perform final cleaning step with water, if necessary. Wait for air bearing to dry prior to next use.

**! 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-5100-80

### DIMENSIONS



### WEIGHT

Lumen AirShuttle: 10.6kg [23.3lbs]

## PARTS LIST

|            |                                  |
|------------|----------------------------------|
| XT-5100-18 | Lumen AirShuttle Air Bearing Kit |
| 2009780    | Lumen AirShuttle Cushion         |

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

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CaviWipes is a trademark of Metrex Research LLC.