

# INSTRUCTIONS

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## Infected Patient Transport Chamber

Version V1-2014



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# INSTRUCTIONS

## Infected Patient Transport Chamber

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### SUMMARY

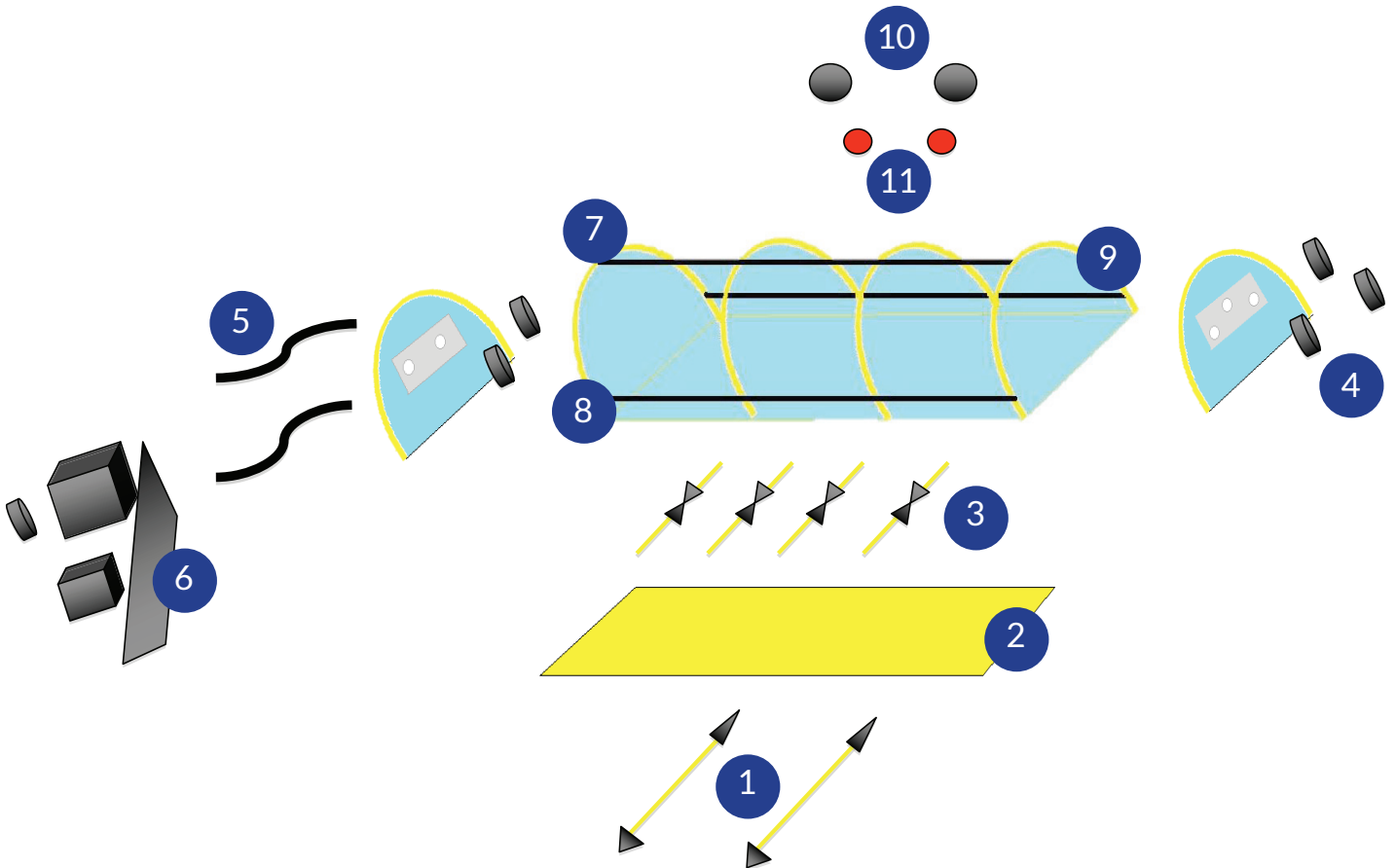
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# INSTRUCTIONS

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### CHAMBER DIAGRAM



- 1: Chamber / Stretcher tie straps
- 2: Chamber Floor
- 3: Patient Securing Straps
- 4: P3 Filter
- 5: Motor /Chamber connection pipes
- 6: Motor (Filter + Battery + Belt)

- 7: Central Rod
- 8: Right Lateral Rod (zip fastener side)
- 9: Left Lateral Rod
- 10: Glove Ports
- 11: Cable ports / Perf

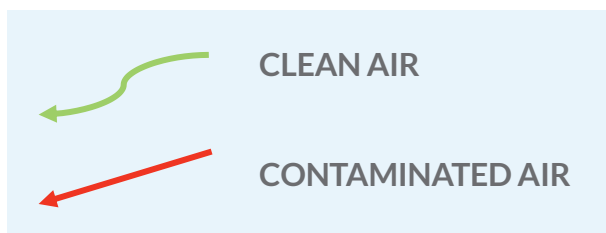
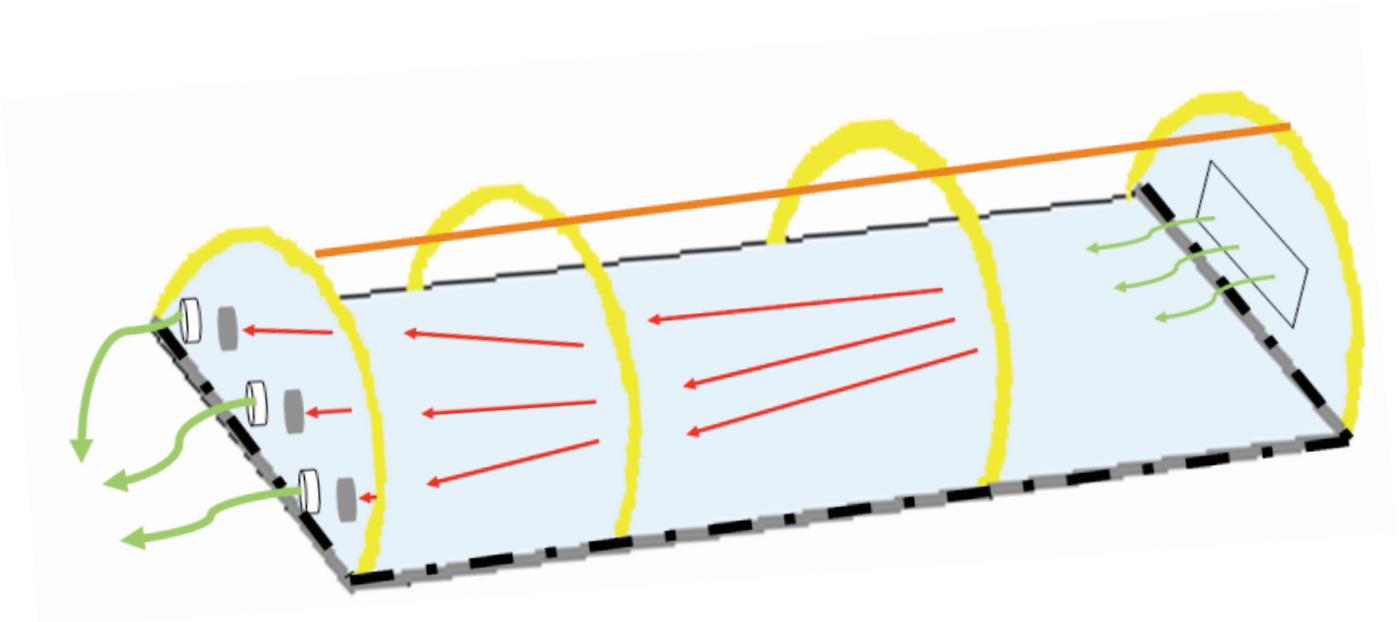
# INSTRUCTIONS

## Infected Patient Transport Chamber

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### INTRODUCTION

Equipment for transporting an infected patient requiring en route monitoring. This isolation chamber is at negative pressure with respect to the surrounding area to prevent pathogenic microorganisms from escaping. Negative pressure is maintained by a filter motor attached to the feet end.





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During the manufacturing process, the chamber undergoes a 5-hour air tightness test under positive pressure.



The chamber was designed with simplicity and reliability in mind. Its compact size makes it easy to transport



### STORED DIMENSIONS

Length	35.4 inches
Width	17.7 inches
Depth	3.93 inches
Weight	15.6lbs



### OPERATIONAL DIMENSIONS

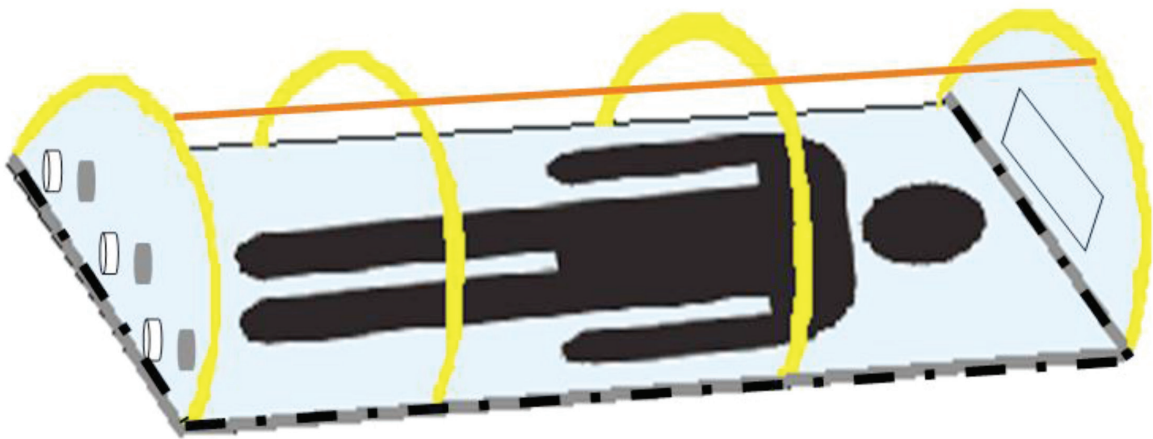
Length	81.1 inches
Width	29.5 inches
Height	20 inches
Weight	15.6 lbs

# INSTRUCTIONS

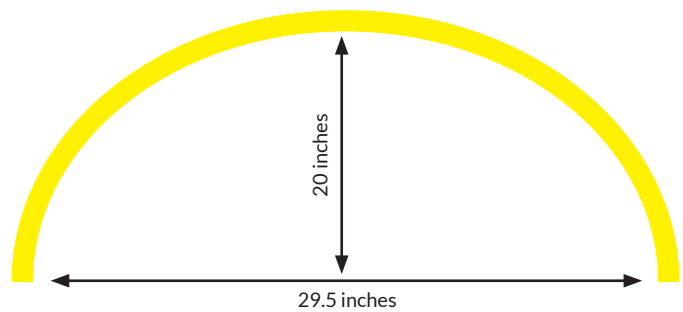
## Infected Patient Transport Chamber

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### DIMENSIONS



DIMENSIONS	
Length	81.1 inches
Width	29.5 inches
Height	20 inches
Weight	15.6lbs



The chamber is made from airtight 300 micron crystal clear polyurethane and airtight yellow polyurethane. An airtight zip fastener allows the chamber to be opened and closed.



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## Infected Patient Transport Chamber

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### MANAGING THE NEGATIVE PRESSURE FLOW- MOTOR



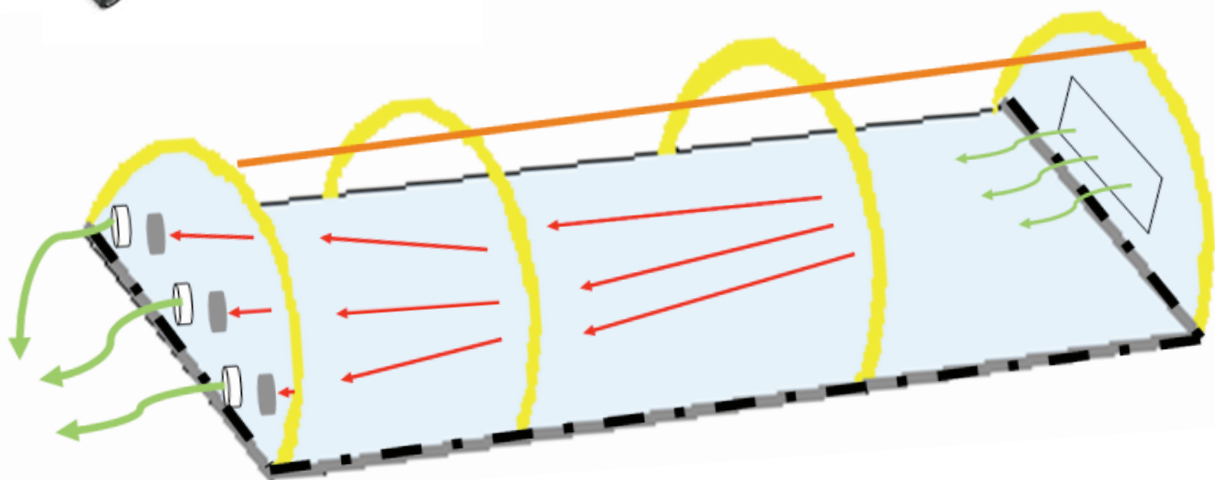
#### THE MOTOR

##### Features

3 alarms: Audio, Visual, Vibration to indicate filter blockage and low battery.

It is maintained at a constant level to ensure optimal comfort for the user. The user retains their mobility and feels less fatigue than with simple breathing apparatus.

Dimensions	0.6 x 3.3 x 3.9 inches
Weight	29.5 inches
Suction Capacity	20 inches
Battery	15.6lbs
Battery Life	8 Hours
Charge Time	+ - 6 Hours

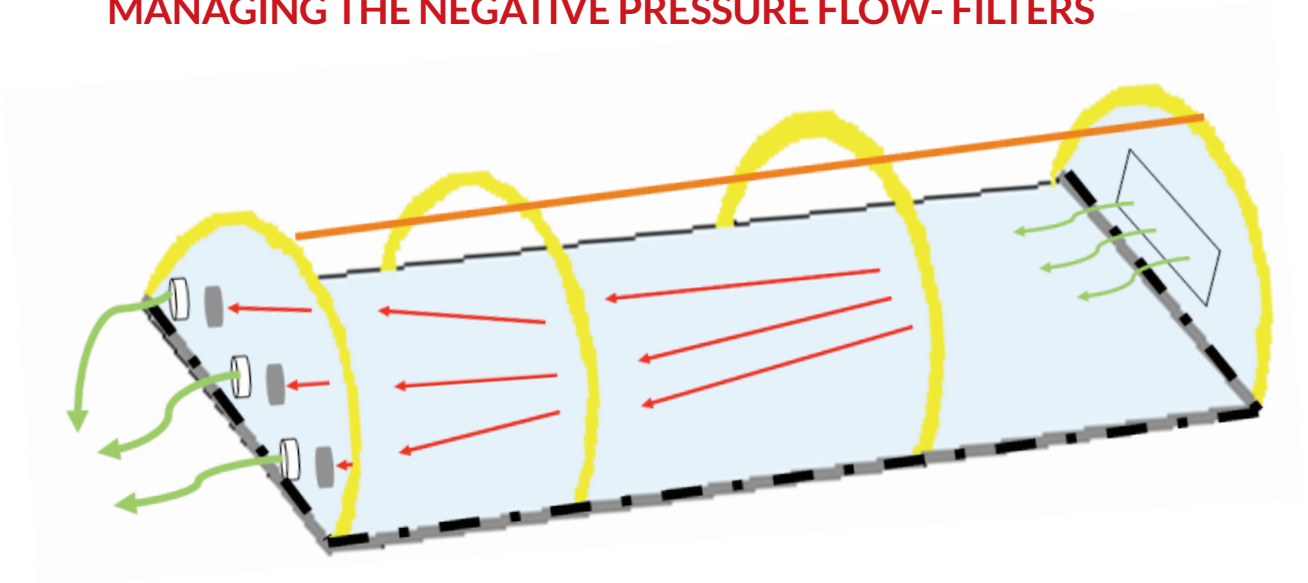


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## Infected Patient Transport Chamber

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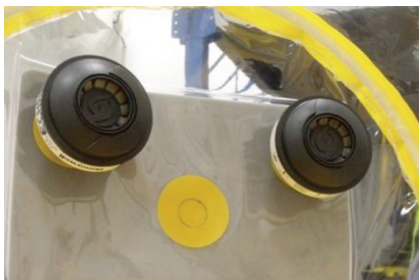
### MANAGING THE NEGATIVE PRESSURE FLOW- FILTERS



#### INPUT FILTER

##### P3 R Filter

Filters toxic, carcinogenic, and low-level radioactive particles 99.95% of particles between 0.3 $\mu$ m and 30lpm.



#### OUTPUT FILTER

##### P3 R Filter Cartridges

Filters toxic, carcinogenic, and low-level radioactive particles 99.95% of particles between 0.3 $\mu$ m and 30lpm



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### PATIENT MANIPULATION

4/10 mm - 15 mil		
EN 421-1994	EN 374-1-2003	EN 388-2003
		
		X100

Patient manipulation is made possible by the inclusion of a pair of neoprene gloves that comply with the P.P.E Directive (category 3).

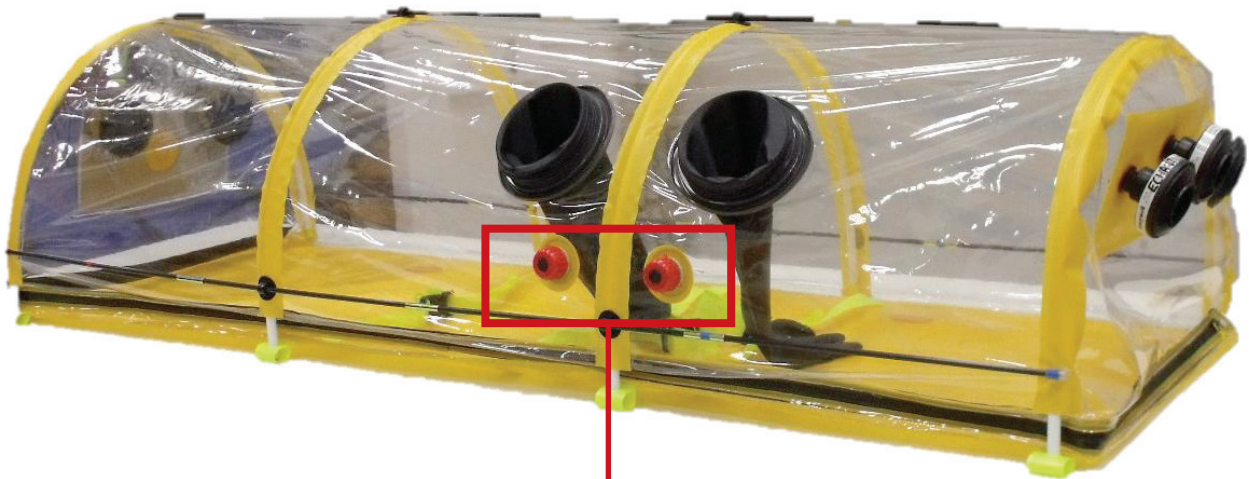


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### PIPE STOPPERS



Two stoppers with sealing foam allow the passage of cables / oxygen pipes and infusion lines





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### STORAGE

Store the chamber in its carry bag at a temperature between 20°C and 25°C. Do not crush, do not store anything on top of the chamber, do not use sharp objects.



Keep the filters in their original individual packaging. Check the expiry date on the packaging.

Keep the filters in their original  
Keep the gloves in their original  
packaging. Check the expiry date  
on the packaging.



# INSTRUCTIONS

## Infected Patient Transport Chamber

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### CHAMBER CHECKLIST



#### CHAMBER

- |                          |                          |
|--------------------------|--------------------------|
| 1 x Chamber              | <input type="checkbox"/> |
| 1 x Motor case           | <input type="checkbox"/> |
| 1 x Bag and 12 Rod Parts | <input type="checkbox"/> |



#### ACCESSORIES

- |  |                          |
|--|--------------------------|
| 6 x P3 Filters                                   | <input type="checkbox"/> |
| 1 x Motor  | <input type="checkbox"/> |
| 1 x NiMH Battery                                 | <input type="checkbox"/> |
| 1 x Mains Battery Charger                        | <input type="checkbox"/> |
| 2 x Motor/Chamber connection pipes               | <input type="checkbox"/> |
| 1 x Pair of Neoprene Gauntlet Gloves             | <input type="checkbox"/> |
| 1 x Pair of Biosafe Chamber/Stretcher tie Straps | <input type="checkbox"/> |

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### ASSEMBLY



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# INSTRUCTIONS

## Infected Patient Transport Chamber

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### CHAMBER ASSEMBLY



Remove the chamber from its carry bag.

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Unfold the chamber gently onto flat ground on a clear surface that is free of sharp objects that may cause damage. Also remove the rod pouch.

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### ROD ASSEMBLY

#### Description

The rods (Central/ Right lateral / Left lateral) are made up of 4 pieces, as follows:-



#### Technical Points

Slot the thinnest part of the rod piece into the pass-through hole.



### ROD ASSEMBLY PROCEDURE - CENTRAL ROD ASSEMBLY



Push the first blue rod into the blue fitting.

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# INSTRUCTIONS

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### ROD ASSEMBLY - CENTRAL ROD ASSEMBLY



Slot in a non-coloured rod piece.  
Slot in a second non-coloured rod piece.

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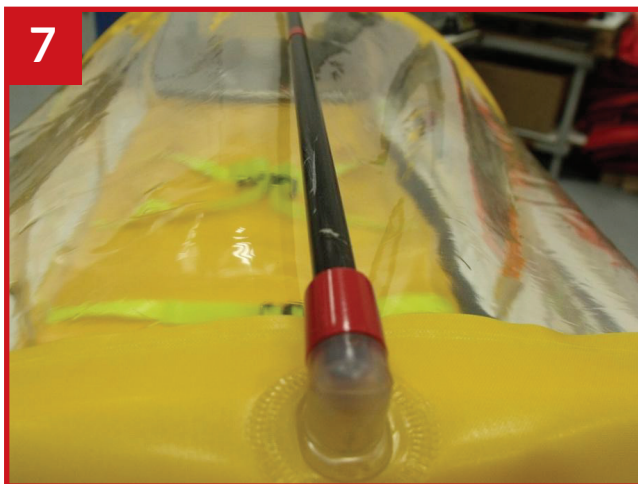
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Slot in the last red rod piece then  
gently push it into the red fitting.

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**RIGHT LATERAL ROD ASSEMBLY** - Repeat processes 5 - 8



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# INSTRUCTIONS

## Infected Patient Transport Chamber

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**RIGHT LATERAL ROD ASSEMBLY** - Repeat processes 5 - 8



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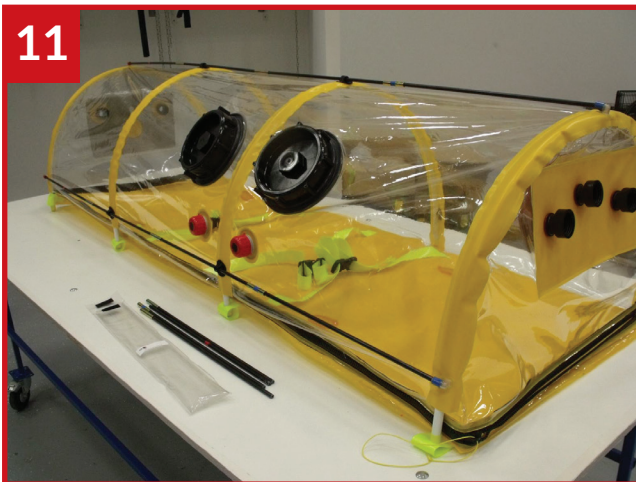
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# INSTRUCTIONS

## Infected Patient Transport Chamber

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### LEFT LATERAL ROD ASSEMBLY



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# INSTRUCTIONS

## Infected Patient Transport Chamber

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### ASSEMBLING THE GLOVES - PROCEDURE



Remove the glove port covers.

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# INSTRUCTIONS

## Infected Patient Transport Chamber

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### ASSEMBLING THE GLOVES - PROCEDURE



Take the first glove and roll it over your arm. Place the gloved hand through the glove port (From the outside in). Remove your arm.

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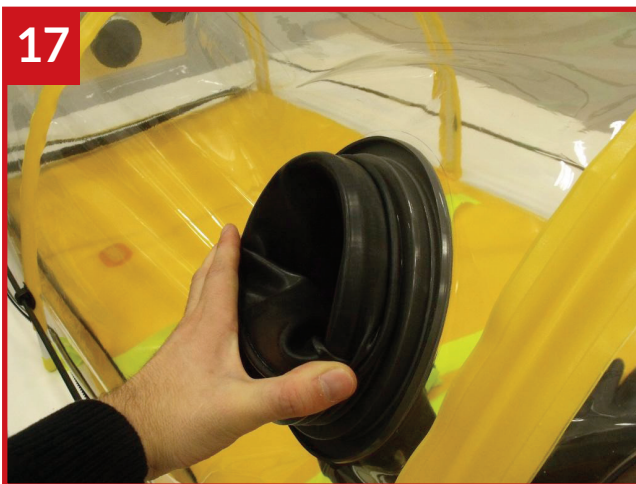
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Place the glove sleeve's O-ring into the glove port.

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### ASSEMBLING THE GLOVES - PROCEDURE



Ensure the glove is properly fixed in place by gently pulling from the inside of the chamber.

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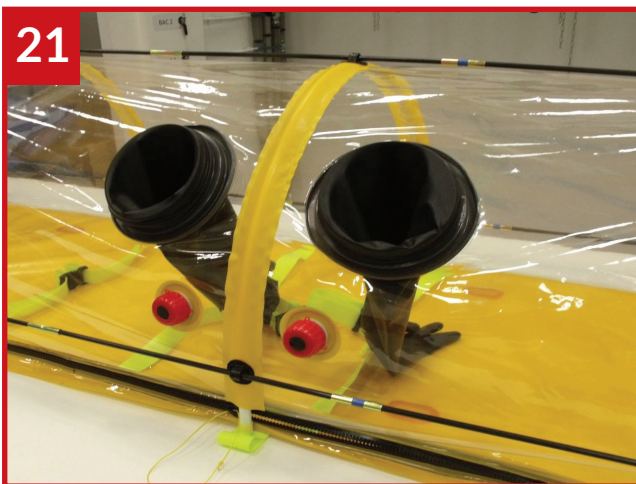
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Repeat the same process for the second glove.

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### Warning

Once the gloves are removed from their packaging they are no longer protected from the external environment. Only open them before using the chamber.



# INSTRUCTIONS

## Infected Patient Transport Chamber

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### ASSEMBLING THE HEAD FILTERS - PROCEDURE

There are 3 head filters placed on the outside of the chamber.



Open the filter packaging.

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Remove the filter connector covers.

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### Warning

Once the filters are removed from their packaging they are no longer protected from the external environment. Only open them before using the chamber.

# INSTRUCTIONS

## Infected Patient Transport Chamber

Version V1-2014

### ASSEMBLING THE HEAD FILTERS - PROCEDURE



Connect the first filter by screwing it into the connector provided.

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Do the same for the second filter.

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#### **Warning**

Once the filters are removed from their packaging they are no longer protected from the external environment. Only open them before using the chamber.

# INSTRUCTIONS

## Infected Patient Transport Chamber

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### ASSEMBLING THE HEAD FILTERS - PROCEDURE



Lastly, connect the third and final head filter by screwing it into the final holder

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### Warning

Once the filters are removed from their packaging they are no longer protected from the external environment. Only open them before using the chamber.

# INSTRUCTIONS

## Infected Patient Transport Chamber

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### ASSEMBLING THE FOOT FILTERS - PROCEDURE

There are 2 foot filters placed on the inside of the chamber.



Open the chamber to allow access to the foot filter connectors inside.

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Remove the filter connector covers.

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### Warning

Once the filters are removed from their packaging they are no longer protected from the external environment. Only open them before using the chamber.



# INSTRUCTIONS

## Infected Patient Transport Chamber

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### ASSEMBLING THE FOOT FILTERS - PROCEDURE

There are 2 foot filters placed on the inside of the chamber.



Connect the first foot filter by screwing it into the connector provided.

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Connect the second foot filter by screwing it into the other connector provided

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### Warning

Once the filters are removed from their packaging they are no longer protected from the external environment. Only open them before using the chamber.

# INSTRUCTIONS

## Infected Patient Transport Chamber

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### MOTOR/CHAMBER CONNECTION

#### ASSEMBLING THE FILTER/MOTOR CONNECTION PIPES - PROCEDURE



Connect the first pipe by screwing it into the filter fitting provided on the outside of the chamber.

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Do the same for the second filter.

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# INSTRUCTIONS

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### MOTOR/CHAMBER CONNECTION

#### CONNECTING THE FILTER AND PIPES TO THE MOTOR - PROCEDURE



Screw filter into the motor's central connector.

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Screw the connecting pipes into each side of the motor using the airtight red stoppers.

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# INSTRUCTIONS

## Infected Patient Transport Chamber

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### MOTOR/CHAMBER CONNECTION

#### ASSEMBLING THE FILTER/MOTOR CONNECTION PIPES - PROCEDURE



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# INSTRUCTIONS

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## Infected Patient Transport Chamber

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### CLEANING

Disinfection and cleaning with conventional ANIOS/ SURFANIOS products and other virucidal / bactericidal disinfectant detergents according to the spectrum of pathogens to be eliminated. Please refer directly to the user instructions and procedures for these products.

If there is no effective decontamination solution on the market, the chamber will be considered infectious waste and will be treated as such.

Please contact us for all spare part requests

- Gloves
- Filters
- Motor Filters
- Motor
- Carry bag



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