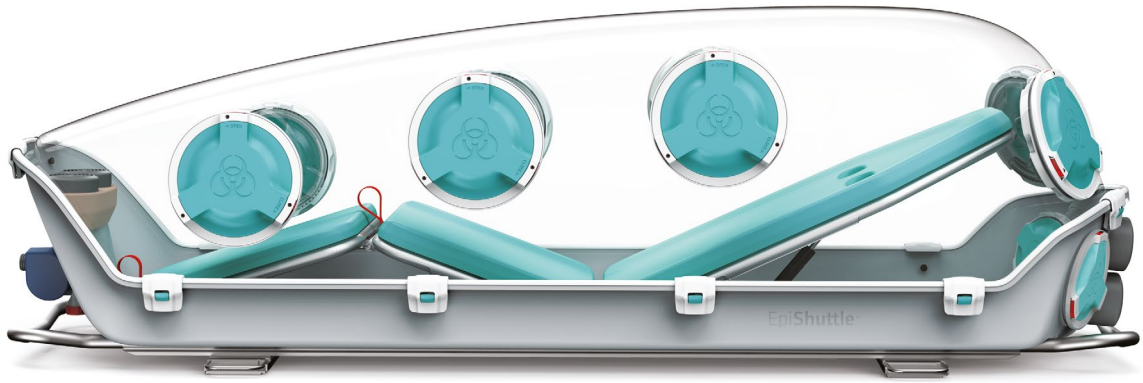
Saving one – protecting everyone

EPi GUARD® Medical isolation and transportation systems



EpiShuttle®

Treatment without compromise

Patient Safety and Care

The EpiShuttle allows patient monitoring and full intensive care treatment to be performed during transport, including emergency procedures like intubation and insertion of central venous catheters.

The soft mattress and adjustable backrest and leg support give optimal patient comfort during transports of up to 24 hours. Visibility through the transparent hardtop allows for better communication between the patient and surroundings.

Safety of Health Care Professional

The EpiShuttle provides a robust and completely sealed barrier between an infectious patient and the surrounding environment. For an additional layer of protection, negative pressure and P3-filtration prevent contaminated air from escaping from the isolator.

Once the patient is loaded, medical staff do not have to wear full Personal Protective Equipment (PPE) during transport of highly infectious patients. This allows for longer shifts and reduces the risk of mistakes due to fatigue or reduced situational awareness.

Cost and Operational Efficiency

Vehicles that are used for transport of highly infectious patients in the EpiShuttle do not have to be disinfected after patient transport. This saves time and money and ensures that vehicles can remain in operation as much as possible.

The EpiShuttle is reusable and can be safely disinfected and re-assembled in less than two hours. This significantly reduces the cost per transport compared to single-use transport isolators.

About the EpiShuttle

The EpiShuttle is a single-patient isolation and transport system, designed to provide maximum patient safety and comfort while allowing critical care and treatment to be performed. The award-winning design was developed with direct input and guidance from clinical experts, medics, and patients.

With its dual protection system, the EpiShuttle can protect the environment from an infected patient or protect a vulnerable patient from a contaminated environment. The EpiShuttle is a flexible platform for use in multifarious environments.

It is in operation in climates as varied as Africa, Southeast Asia, and Northern Europe. Customers include hospitals, special police, militaries, ambulance services, and offshore operators.

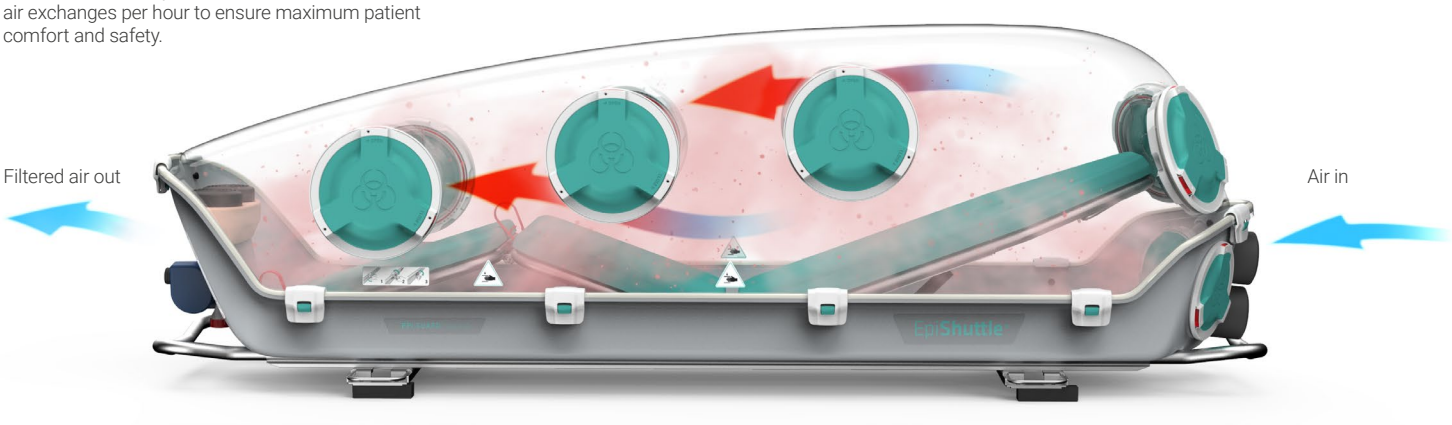
It has undergone rigorous testing to ensure compliance with CEN 1789 and that it can be used with confidence whether travelling by land, sea, or air.

The EpiShuttle is stock listed with NATO Stock Number: NSN 6530-25-162-4642

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Air Filtering Technology

The air ventilation system generates more than 15 air exchanges per hour to ensure maximum patient comfort and safety.



Filters and airtight seals ensure that all contaminants are kept inside the EpiShuttle, even in the event of rapid decompression of an airplane cabin.









Medical ports

Located at the head end of the EpiShuttle base, the medical ports allow treatment and monitoring of the patient during transport.

Wire Port

The medical wire membrane is made of a highly flexible rubber material, permitting a sealed passage of up to nine IV lines, monitoring cables, and/or oxygen lines.

Ventilator Port

The ventilator sleeve allows entry of mechanical ventilator hose. The sleeve seals a HEPA filter that connects the ventilation hose on the clean side to the patient respiratory device inside the EpiShuttle.

This design allows the mechanical ventilator and ventilator hose to be kept on the clean side.

Operator Ports

For optimal treatment during transport, the EpiShuttle has eight interchangeable operator ports integrated into the hard top. The ports are positioned to ensure access to all parts of the patient's body, including airways.

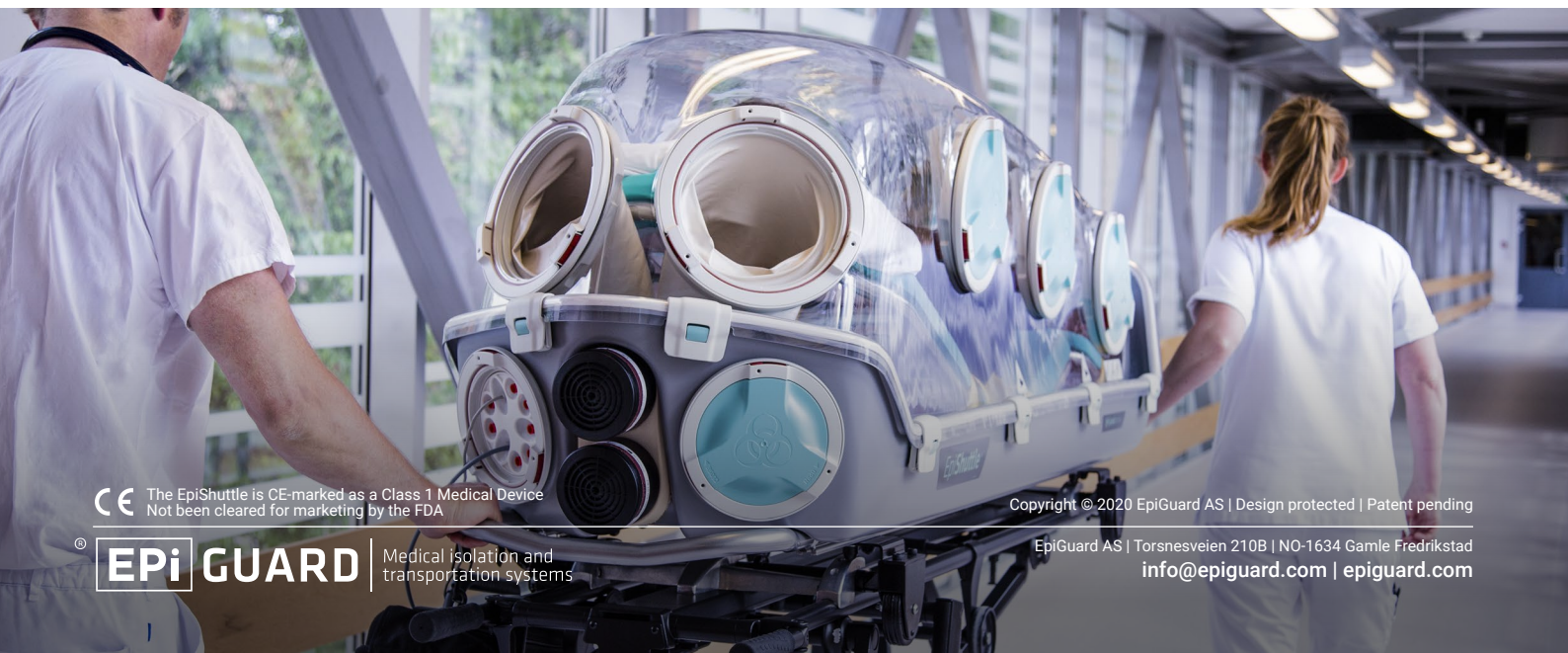
Gloves

The ambidextrous gloves are made from flame-resistant CSM/Hypalon. They are compliant with European Directive PPE Category 3, and tested according to EN 374:2003, EN 421:2010, EN 388:2003.

Sluice Bag

A sluice bag can be used to transfer equipment, food or medicine to the patient.

This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement No 848951.



CE The EpiShuttle is CE-marked as a Class 1 Medical Device
Not been cleared for marketing by the FDA

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