

PORTABLE MEDICAL ISOLATION UNIT (PMIU) FOR AIR AMBULANCE TRANSFERS



We use single-patient isolation units for the safe treatment, transportation and temporary isolation of patients with infectious disease such as COVID-19, Ebola, TB and Viral Hemorrhagic Fevers. We have been using PMIUs for over ten years and draw on our deep experience to provide enhanced levels of care and comfort for our patients.

The PMIU is a negative pressure unit, drawing fresh air into the unit from one end and, at the other end, expelling it via a medical air filter. The PMIU is equipped with:

- Several access ports allowing for the medical treatment of the patient, connection of the patient to vital function monitoring, administration of intravenous infusions, medication and oxygen supply
- An integrated rechargeable battery with a maximum operating time of 8 hours. When plugged into a power supply the PMIU can be operated continuously
- Various pillows and positioning wedges for individual patient positioning

Our medical crew wear infection protection clothing, respiratory masks and safety glasses when we take over patient care and transfer the patient into the PMIU at a hospital or from a ground ambulance. After the PMIU has been closed, we thoroughly disinfect the entire exterior of the PMIU to avoid any cross-contamination risks.

We work closely with the Health, Administration and Public Authorities in both the patient location and destination to ensure receipt of the necessary entry and exit permissions, as well as confirmation of hospital admission and accepting Doctor at the receiving health facility.

Ahead of an Air Ambulance transfer, our team helps ensure all the necessary pre-flight paperwork has been gathered and completed including medical reports, lab results, vaccination records, personal identification, consent forms, etc. This is essential for medical crew/ground ambulance handover and ensuring compliance with local and international health and flight regulations.

Please note: use of the PMIU is best reserved for patients who do not have complex intensive care needs. If a patient requires ventilation, it may or may not be possible to transport them in a PMIU. This will depend on their overall condition. There are also restrictions on body measurements including weight.