

2023



Mercedes Mobile Intensive Care Unit (MICU)



MICU

Field: EMS – Emergency Medical Services

Rationale:

Magen David Adom (MDA), Israel's National Rescue and Emergency Medical & Blood Services, as of January 2018 is spread across the breadth and width of Israel with 166 stations & outposts in 11 regions from the Golan Heights to Eilat. Since its inception in 1930, MDA has continually aimed to improve and expand its pre-hospitalization lifesaving care to the people of Israel. The objective of MDA is to be as close and as available as possible to each patient and to minimize the time of arrival and treatment to the patient thereby significantly improving his/her chances for survival and recovery by providing swift professional emergency care by trained medical staff with the most advanced medical equipment in the EMS field.

Targets:

The MDA **Mobile Intensive Care Unit (MICU)** is an advanced ambulance able to administer Advance Life Support treatment for pre-hospitalization care. Since its addition to the MDA fleet the MICU has become an indispensable part of the organization's ability to cope with a wider more complex range of medical emergencies.

MDA treats over 670,000 patients annually across Israel, some of these patients require advanced treatments which require special medical equipment such as a the Corpuls 3 Monitor Defibrillator able to administer electric shocks and has electrocardiography along with the ability to relay medical information simultaneously in real-time to a standby physician at MDA's National Medical Dispatch Center (NMDC). Moreover, the MICU is outfitted with unique medication, and cutting-edge resuscitation equipment to be used for treatment of complicated and life threatening ailments and injuries.

The MICU is manned by a team comprising of a highly trained MDA Paramedic, an MDA Emergency Medical Technician (EMT), and another intern-Paramedic or volunteer advanced medic.

MDA MICU's are in service 24/7 and in certain major cities treat as many as 10,000 patients in their 7-10 years of service.

As an NGO and a non-profit organization MDA does not receive any funding from the State of Israel and all of its emergency vehicles, including its ambulances, are donated by generous donors from all around the world. Thanks to these generous acts of philanthropy, the organization is able to continue its lifesaving work in all parts of Israel assisting anyone and everyone.

MDA ambulances are on call 24/7 and in certain major cities can treat as many as 10,000 patients in their lifetime of service.

Benefits: All of the Israeli population

Costs & Equipment:

Mobile Intensive Care Unit with full medical equipment = **USD \$160,000**

Includes:

- ✧ Mercedes Sprinter
- ✧ Donor signage inscription on ambulance (Passenger & Driver Doors)
- ✧ MDA Command & Control GPS Communications Tablet
- ✧ MDA Radio Communications System
- ✧ Reverse & Dashboard Camera
- ✧ MDA medical equipment and perishable medical items
- ✧ Protective Gear (Helmets & Flak Jackets)

Completion time:

Approximately **12 months*** from order

