

MEDICAL UNIT — OVERVIEW



Overview:

Madison Fire Department manages a 38-foot Mobile Medical Clinic. This unit is available for response anywhere in the nation. Paramedic-level care will be provided for responders or others as deemed appropriate by the requesting agency.

The Medical Team works with the Medical Unit Leader to provide the best in-camp and on-the-line medical care possible. Our goal is to keep all incident personnel safe and medically at their best to keep them working and productive in the jobs they are assigned to.

Not only do we provide all types of common first aid assistance at an ALS level, but we provide basic lab testing for common camp illnesses such as strep throat or urinary tract infections—many of which can be treated in camp with the prescription medications we stock. We also provide steroid therapy for poison oak or poison ivy via injection and oral steroids. These simple in-camp treatments allow responders to keep working and on the job rather than being transported to a clinic or hospital.

If needed, we can arrange for medical consultation via webcam with our medical control physician, thus allowing the patient a chance to consult with a physician, if desired.

Cost Savings:

The cost savings of medical care “On Incident” is remarkable (see our comparison on the following pages). Keeping responders in camp working, or on the line working, rather than transporting them to a hospital or clinic offers remarkable savings in itself.

Personnel Qualifications:

All personnel are EMPF/EMTF at the Arduous Level; and State-Licensed and Nationally Certified Paramedics & EMTs.

Satellite:

The trailer comes with two satellites—one for TV capabilities for media news, and the other provides Internet. The trailer comes standard with two phone lines but can be expanded to six or more. Wireless Internet is available for command staff as well as a small printer, fax machine, scanner and copier.

Staffing:

Recommended staffing is three personnel; minimum staffing is two. Additional staffing is available upon request for line work or other needs.

MEDICAL UNIT — COST ANALYSIS

This Medical Cost Analysis compares an average incident’s medical cost using a typical medical contractor with AD EMTs, compared to the cost associated with using the Madison Medical Unit Paramedic Clinic. We have also inserted the satellite communications comparison. Comparing the two scenarios side by side allows a good visual as to the cost savings and benefits associated with the Madison Medical Trailer.

Typical Contracted Medical Supply Unit		Madison Fire Department Medical Unit	
Daily Rate	\$800	Daily Rate	\$1,204
Number of Days	9 days	Number of Days	9
Sub-Total	\$7,200	Sub-Total	\$10,836
Staffing ~Day	\$1,310	Staffing ~Daily Rate	\$1,240
Two AD EMTs Per Day	9 days	Number of Days	9 days
Sub-Total	\$11,790	Sub-Total 1 EMTP & 1 EMT—Fully Equipped	\$11,160
Satellite Equipment	\$332	Satellite Equipment	
Two Phone Lines	\$250	Two Phone Lines	\$0
Internet Access	\$394	Internet Access	\$0
Technician	\$100	Technician	\$0
Generator	\$1,076	Generator	\$0
Sub-Total Satellite Per Day	\$9,648	Sub-Total Satellite Per Day	\$0
Total for Satellite for Nine Days	\$28,638	Total for Satellite for Nine Days	\$0
Total Nine-Day Cost of Med Unit	\$28,638	Total Nine-Day Cost of Med Unit	\$21,996
Treatment Costs—Nine-Day Incident		Treatment Costs—Nine-Day Incident	
11 Cases of Poison Oak-Topical by Hospital	\$6,050	Treated in Camp by Medical Unit	\$495 Rx
13 Strep Throat by Hospital	\$2,990	Treated in Camp by Medical Unit	\$390 Rx
1 Urinary Infection by Hospital	\$900	Treated in Camp by Medical Unit	\$30 Rx
1 Back Injury by Hospital	\$3,500	Treated in Camp by Medical Unit	\$30 Rx
2 Arm Injuries by Hospital	\$1,400	Treated in Camp by Medical Unit	\$30 Ban
1 Nausea by Hospital	\$700	Treated in Camp by Medical Unit	\$30 Rx
17 Cases of Poison Oak-Steroid by Hospital	\$11,900	Treated in Camp by Medical Unit	\$935 Rx
1 Leg/Body Pain by Hospital	\$4000	Treated in Camp by Medical Unit	\$15 Rx
4 Dehydration-IV by Hospital	\$3,600	Treated in Camp by Medical Unit	\$60 Rx
1 Chest Wall Contusion by Hospital	\$3,500	Treated in Camp & Sent to Hospital	\$3,500
1 Scaphoid Fracture by Hospital	\$900	Treated in Camp & Sent to Hospital	\$900
1 Headache by Hospital	\$3,500	Treated in Camp by Medical Unit	\$30 Rx
1 Respiratory by Hospital	\$900	Treated in Camp by Medical Unit	\$15 Rx
1 Inguinal Strain by Hospital	\$700	Treated in Camp by Medical Unit	\$15 Rx
Hospital/Clinic Expense	\$44,540	Hospital/Clinic Expense	\$6,475
GRAND TOTAL	\$73,178	GRAND TOTAL	\$28,471

Nine-Day Incident Savings: ~\$44,707 or ~4,967 per day

* Please note that this Medical Cost Analysis does not account for cost savings of keeping crews intact, keeping responders on scene and working, versus having a driver take the individual to the hospital; nor does it account for the replacement of, or lost time of, a responder not working. The expenses shown in the blue (left) column are from the medical billing department of a county hospital in Idaho—costs in other areas may vary. Also, most medical supply units do not provide Advanced Life Support in camp as well as in the field—but Madison Fire Department does. MFD also provides a licensed Medical Doctor on staff available for webcam appointments and consultations 24/7.



REPLICA

Recognition of EMS Personnel
Licensure Interstate CompAct

Idaho is proud
to be a
REPLICA state

SERVICES PROVIDED ON INCIDENT

Services & Resources Provided On Incident or In Camp

- Medical Unit—Paramedic Trailer
- Prescription/dispensing of antibiotics for common infections
- Strep test
- All personnel are line-qualified at the arduous level
- Over-the-counter and prescription medications
- Helicopter/Insertion Team-ready
- Steroid therapy for poison oak/poison ivy treatment
- IV therapy for dehydration
- Pain medication via IV for injuries
- Doctor appointments via webcam
- Wireless Internet, VOIP (two direct-dial telephone lines), webcam, fax/printer/copier/scanner
- 500-person first aid kit with all common “over-the-counter” products
- Four “in-trailer sick beds” for recuperation
- Advanced Cardiac Life Support (ACLS)
- 12-Lead EKG
- Wellness checkups for interested personnel
- Advanced first aid
- Triage of all personnel needing medical treatment
- Otoscope and ophthalmoscope for eye and ear incidents
- All equipment necessary to provide paramedic-level care
- Traverse Rescue Sled/Stokes litter basket
- 15-kW Generator with 48-hour fuel capacity
- Climate-controlled air conditioning/heating
- Four-wheel-drive pickup
- Base station radio—field programmable
- Handheld radios—field programmable
- Walkup window for convenient dispensing of items



PHOTOS-PARAMEDIC CLINIC



OUR GOAL, OUR MISSION, OUR PURPOSE

To Maintain a State of Readiness in:
Our People, Our Equipment, Operational Accuracy, and
Administration

OUR CORE VALUES

Integrity, Honor, Pride and Courage

26 N. Center St., Rexburg, ID 83440
www.fdmadison.org • 208-359-3010

MEDICAL UNIT PARAMEDIC CLINIC



- We provide incident medical care on the line and in camp to incident personnel—fully supporting the Medical Unit Leader
- NWCG Medical Task Force Compliant
- ALS (Advanced Life Support)
- All Personnel Are Line Qualified
- In-Camp Treatment Room
- 500-Person First Aid Kit
- In-Camp Prescriptions and Over-the-Counter Medications
- Monitored Rehabilitation for Personnel
- Wireless Internet
- Voice over IP phone lines, Webcam, Copier, Fax, Scanner, Printer
- SUBSTANTIAL Cost Savings

MADISON MEDICAL TRAILER Paramedic Clinic

“Engaged In A Better Way”

Madison Fire Department: 208-359-3010
Madison County Dispatch: 208-359-3288
Eastern Idaho Interagency Dispatch: 208-524-7604