NDMS mission

The mission of NDMS is to support state, local, tribal and territorial authorities following disasters and emergencies by supplementing health and medical systems and response capabilities. NDMS would also support the military and VA health care systems in caring for combat casualties, should requirements exceed their capacity.

NDMS response types

- Patient reception
- Patient movement
- Field triage and field care at national special security events (NSSE) and natural or man-made disasters

NDMS in government

- HHS – Health and Human Services (Alex Azar)
- ASPR – Assistant Secretary for Preparedness Response (Dr. Kadlec)
- OEM – Office of Emergency Management (Don Boyce)
- NDMS – National Disaster Medical Team (Ron Miller)

NDMS team types

- DMAT – Disaster Medical Assistance Team
- TCCT – Trauma and Critical Care Team
- DMORT – Disaster Mortuary Team
- NVRT – Disaster Veterinary Team

The National Response Plan

Disaster Occurs

1. Local First Responders
2. County Coordinator
3. Governor
4. EMAC States
5. FEMA Regional Director
6. FEMA Director
7. President
8. Assistant Director
9. Request or Mutual Aid
10. Request or Mutual Aid
11. State Coordinating Officer
12. Federal Coordinating Officer
13. State Coordinating Officer
14. Federal Coordinating Officer
15. Deputy Administrator
16. Administrator
17. Emergency Response Team
18. Emergency Response Team
19. Federal Coordinating Officer
20. State Coordinating Officer

*note: Primary Agency established, Principle Federal Official may be appointed
MN-1DMAT Missions  
8/25/17-11/14/17

Hurricane Harvey Response
- Houston, Texas: GRB Convention Center Shelter

Hurricane Irma
- Tampa, Florida: Shelter operations
- US Virgin Islands: Patient transport

Hurricane Maria
- San Juan, Puerto Rico: Centro Medicao Hospital ED Decompression
- San Juan, Puerto Rico: Pier III/USNS Comfort
- Ponce, Puerto Rico: FMS/Outreach
- Aguadilla, Puerto Rico: Field Medical Treatment
- Manati, Puerto Rico: FMS/Field Medical Treatment Center
- Bayamon, Puerto Rico: FMS shelter

George R. Brown Center Hall E
One of four halls sheltering 11,000 residents.

Base of Operation (BoO)

Federal Medical Station
- 250 bed capacity
- Administered by USPHS/DMAT
- Medical care for stable patients whose needs are greater than what can be provided for in the general shelter.
Team members at work

Patient triage visits

RAPID ENCOUNTERS:
• Medication refills
• Blood pressure checks
• Blood sugar checks
• Minor injuries and illness
• Scabies/lice

Patient tent visits

MODERATE ACUITY VISITS
Respiratory:
• COPD exacerbations
• Asthma
• URIs
Trauma
• Lacerations
• Contusions
• Fractures
• Wound infections
Chronic illness
• Cardiac
• Renal
Mental health
• Drug overdoses
• Kush

Patient transfers Houston EMS

SEVERE ACUITY
• Cardiac
• Stroke
• Severe trauma
• Severe overdose
• Emergent dialysis

Dialysis Patients

Mental Health
Shift change briefings 0700-1900

Dr. Kadlec touring DMAT BoO and PHS/FMS

MN-1/NC-1

Hurricane Irma
USVI Patient Evacuations
Tampa Shelter
USVI shelter and care
Naples Shelter
Key West shelter and care

Hurricanes Maria
Mission sites

San Juan, PR
Centro Medicao Hospital
ED Decompression/Workforce Protection
San Juan, PR
Centro Medico Hospital

Triage

Treatment tents

San Juan, PR
Centro Medico Hospital

Centro Medico ED decompression

Minor trauma – fractures, dislocations, contusions, CHI
Medical illnesses – URIs, asthma, DM, chronic disease
Triage to other facilities on campus
Force protection for FEMA, HHS, DoD employees.

San Juan, PR
Centro Medico Hospital

Power failure contingency plan for hospital.

Aguadilla, PR
Field Hospital

https://www.dvidshub.net/video/563258/dmatt-team-1-minnesota-provides-medical-care-aguadilla-puerto-rico
Aguadilla Mission

- Aguadilla Hospital serving 300,000 people is closed due to damage by Hurricane Maria.
- All patients requiring treatment are brought to the Aguadilla Field Hospital treating 100-150 patients per day.
- Acuity ranges from mild to severe, including cardiac and respiratory arrests, severe burns, and animal bites.
- Patients requiring hospitalization are stabilized and transported to Mayaguez Hospital 20 miles away.
- Care provided by DMAT, 335th ASMC (Army Medical), and Air Force Medical team.

Ponce, PR

- FMS/Field Medical Treatment/Outreach

Ponce Outreach

- 50-60 Patients seen per day in surrounding communities.
- Medical screening exams and medication refills.
- Assess patients for potential shelter admission, hospitalization, and transport to US for surgical needs.

Manati, PR

- FMS/Field Medical Treatment

- Electrically dependent
  - 6 vents
  - 17 oxygen concentrators
  - 3-9 CPAP nights only
- Hospice patients.
- Patients die’d from the hospital with no home.
- Family caregivers.
- Nursing home patients, where NH non-functional.
Manati Field Medical Treatment
DMAT, 285th ASMC (Army Medical), NY EMAC

150-200 patients daily.
Acuity mild to severe.
Transport to area hospitals.

Manati, PR
FMS/Field Medical Treatment

Positive Thoughts
Dignity Walk

USNS Comfort

USNS Comfort

Pier III

Pier III

Pharmacy
Patient care
Lessons learned
Comparing deployments
PR deployment most challenging
  Worst and last storm
  Isolated location
  Poor infrastructure
  Prolonged loss of electric, water
  Language barrier
  Training and coordination

Questions???

The End

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