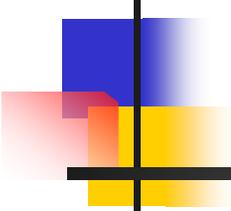


# Hospital Surge Capability Program



## Neighborhood Emergency Acute Care Center

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**Ned Wright**

**Lisa Gibney**

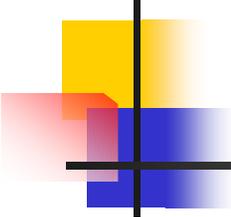
Linn County, Iowa

Medical Reserve Corps Coordinators

Medical Reserve Corps

National Leadership Conference

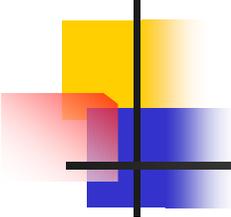
22 April 2005



## Neighborhood Emergency Acute Care Center (NEACC)

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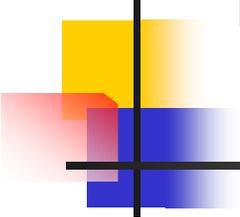
- Purpose of NEACC Program
  - To provide surge capability for the community in the event that community hospitals exceed their maximum surge capacity
  - To protect community hospitals from being overwhelmed with patients following a Mass Casualty Incident (MCI) or a Disease Epidemic



## Neighborhood Emergency Acute Care Center (NEACC)

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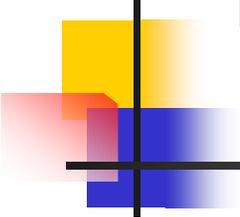
- NEACC supports the three reasons for a hospital's inability to receive patients
  - Hospital facility evacuation due to internal or external conditions
  - Diversion of incoming patients requiring special care
  - Quarantine or Isolation of patients with communicable diseases



## Neighborhood Emergency Acute Care Center (NEACC)

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- NEACC support the National Preparedness Goal (HSPD-8) of “Strengthening Medical Surge Capabilities”
  - Medical Surge
  - Isolation and Quarantine
  - Mass Prophylaxis and Vaccination
  - Medical Supplies Management and Distribution
  - Pre-Hospital Triage and Treatment
  - Fatality Management

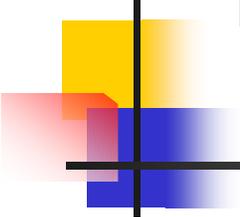


## Neighborhood Emergency Acute Care Center (NEACC)

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### ■ Definitions:

- **Surge Capacity:** The in-house ability of each hospital facility to expand beyond its routine daily operation while still providing an established level of care for each patient
- **Surge Capability:** The community's ability to meet the needs of patients requiring specialized medical care beyond the established maximum surge capacity of its hospitals

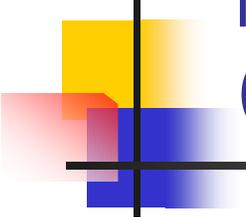


## Neighborhood Emergency Acute Care Center (NEACC)

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### ■ Assumptions:

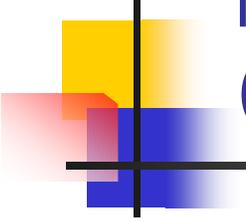
- Events requiring activation of NEACC's will be a catastrophic community emergency
- Routine medical clinics will be closed
- Assigned Hospital staff will remain at hospital site
- Unassigned medical staff assigned to NEACCs as MRC volunteers
- NEACC will operate as a satellite hospital ward



## Neighborhood Emergency Acute Care Center (NEACC)

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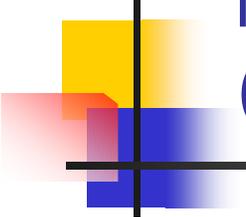
- **Concept of the Operation:**
  - NEACC's are pre-designated sites as part of the community Health and Medical disaster plan
  - NEACC's operate under the direction of the hospital's Emergency Operations Center (EOC)
  - Emergency Management EOC coordinates community support through the Health and Medical Branch
  - EMA EOC coordinates with State Public Health and State Medical Officer for additional support to include CDC and HHS assistance



## Neighborhood Emergency Acute Care Center (NEACC)

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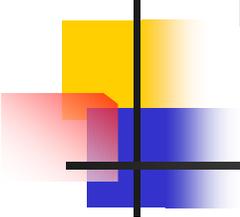
- **Concept of the Operation:**
  - NEACC designed to be a temporary, modular, satellite hospital ward
  - NEACC is designed as a 50 bed hospital ward with similar equipment and supplies found in a hospital ward
  - NEACC is designed to expand as needed by adding additional 50 patient wards
  - NEACCs are designed to address MCI and quarantine/isolation situations



## Neighborhood Emergency Acute Care Center (NEACC)

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- **Linn County, Iowa NEACC Plan**
  - Establish 4 NEACCs based on available medical support staff
  - Each NEACC has capacity for four wards of 50 patients each
  - Total community Surge Capability is 800 patients
  - NEACC sites are in local high and middle school buildings (25 potential sites)

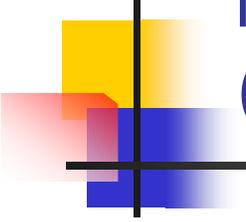


## Neighborhood Emergency Acute Care Center (NEACC)

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### ■ Activation:

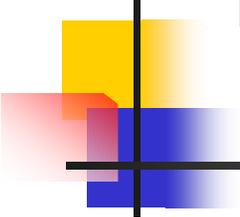
- EMA EOC will coordinate activation of NEACC and mobilizing MRC volunteers
- Determine if situation is Trauma or Disease
- Coordinate logistics support
  - Equipment – Each 50 patient ward stored in a trailer
  - Expendable Supplies
  - Pharmaceuticals and Medical supplies



## Neighborhood Emergency Acute Care Center (NEACC)

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- NEACC operate 2 Stage Operation
  - Phase 1 – Trauma Scenario
    - Persons report to NEACC for Assessment and Triage
    - Separate Worried Well, Minor, Major, Critical
      - Worried Well-assessed and released
      - Minor-treated and released
      - Major-treated and held in NEACC ward
      - Critical-transported to hospital for treatment

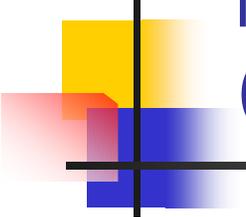


# Neighborhood Emergency Acute Care Center (NEACC)

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## ■ Phase 1- Disease

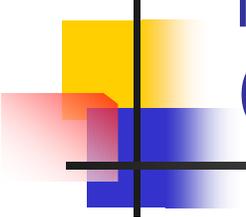
- Persons report to NEACC for assessment
- Non-Exposed: Assessed and forwarded to SNS Dispensing Site
- Exposed: Separate into categories
  - Communicable Exposed
  - Communicable Exposed-Terminal
  - Non-Communicable Exposed



## Neighborhood Emergency Acute Care Center (NEACC)

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- Phase II (Trauma and Disease)
  - Major: Kept in NEACC ward until recovered, then released
  - Communicable Exposed and Non-Communicable Exposed: Treated and kept in quarantine or isolation in NEACC until released
  - Communicable Exposed-Terminal: Kept in isolation in hospice type support until death

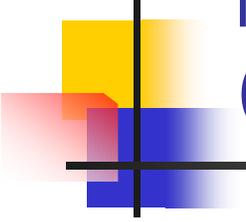


# Neighborhood Emergency Acute Care Center (NEACC)

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## ■ NEACC Logistics Plan

- Equipment: Each 50 patient ward stored in a trailer
- Expendable Supplies: Cache for 72-96 hours stored in trailer/warehouse
- Pharmaceuticals and Medical Supplies:
  - Purchased and stored as a “bubble” in local hospital pharmacies

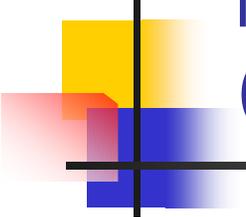


## Neighborhood Emergency Acute Care Center (NEACC)

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### ■ NEACC Staffing

- Non-Assigned Medical Professionals are considered part of the MRC volunteer staff
- Hospitals will release non-essential hospital staff to MRC pool
- Staff Processing Center will mobilize and assigned staff to NEACC positions
- School Staff at NEACC site will provide administrative, security, custodial, and food service support

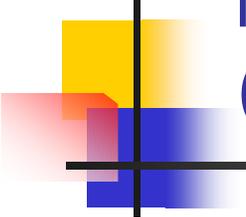


## Neighborhood Emergency Acute Care Center (NEACC)

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### ■ NEACC Funding

- Estimated cost of each 50 person Ward is \$40,000-\$50,000 (Hardware)
- Estimated cost of expendable supplies is \$50,000 (based on community population)
- Estimated cost of Pharmaceutical and Medical supplies is \$50,000 (based on community population)

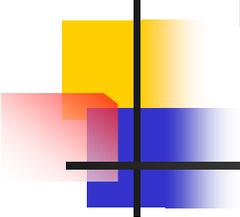


## Neighborhood Emergency Acute Care Center (NEACC)

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### ■ School Agreements

- Used in lieu of Imminent Domain seizure
- Used only in case of community-wide Public Health Emergency
- Used for NEACC or SNS Dispensing Sites
- Use school staff, equipment, and facilities to reduce cost of operation



## Neighborhood Emergency Acute Care Center (NEACC)

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- Contact Information

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