IMPROVED MEDICAL COUNTERMEASURES AGAINST CHEMICAL THREATS

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BARDA Industry Day
October 14, 2015
Enabling Community Resiliency

- Improving Emergency Response
- Ensuring availability of lifesaving medicines

Our goal is to improve health outcomes for all victims of chemical exposure
General Considerations for Chemical MCMs

- Chemical Injury Happens Fast!

- Our countermeasures need to be
  - Easy to administer
  - Have a realistic treatment window
  - Safe for all populations, including children!
Near Term Focus Areas

- Pulmonary Injury from Chlorine and Vesicants
  - Pulmonary Edema, Inflammation, Fibrosis, COPD
- Anti-seizure drugs for nerve agent victims whose seizures are refractory to treatment with benzodiazepines
  - Refractory seizure, status epilepticus, epilepsy
- Cyanide Treatments- Improved Ease of Use
Chemical Indications for Common Drugs

- Midazolam for Nerve Agent Exposure
- Silverlon® Wound Dressing for Sulfur Mustard Burns
- Alteplase® for Sulfur Mustard Inhalation
- Your Drug Here....
Questions?

- www.medicalcountermeasures.gov
  - Portal to BARDA
  - View BAA priorities
  - Register and Request a Meeting

- Contact Us
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