



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
 - Judy Laney
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