





◆ UNCOMPROMISING INTEGRITY ◆ RESPECT FOR ALL ◆ COMMITTED TO EXCELLENCE ◆ ALWAYS READY ◆

JPEO-CBRND & & & & & A STATE OF MEDICAL CONCEPT OF EMPLOYMENT (CONEMP)

July 28, 2022

COL Matthew Clark

Joint Project Manager for Chemical, Biological, Radiological, and Nuclear Medical (JPM CBRN Medical)

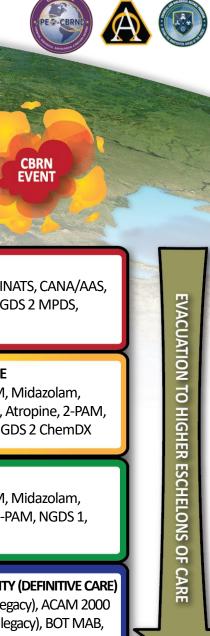
Jeff Zerhusen

Deputy, JPM CBRN Medical

DISTRIBUTION STATEMENT A: Approved for public release. Distribution is unlimited.

PROGRAMS EXECUTED ON BEHALF OF THE CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM















ROLE 4

INDUSTRY

ROLE 2 DECON ROLE 3

ROLE 1 **DECON**

THREA

MEDICAL COUNTERMEASURE PRODUCTS IN DEVELOPMENT

Products:

- BOT MAB
- 2-PAM AI
- PLG MAB
- NGDS 2 ChemDX
- VAMP effort
- NGDS 2 MPDS
- AV TX (Antiviral) Accelerated **Antibodies**
- SPX AV PEP
- RAIDR effort
- INATS CA
- AAS
- D4
- Diazepam Al
- SNAPP Modernization

BROAD

• RAIDR

VAMP

TARGETED

 Accelerated **Antibodies**

RAPID RESPONSE & REPURPOSING

ENABLERS

- GUIDE
- Artificial Intelligence/ Machine Learning
- ADM

RAPID

MCMPT

TRADITIONAL MCM DEVELOPMENT

ROLE 1

FIRST RESPONDER

Products: SNAPP, ATNAA/INATS, CANA/AAS, Atropine, 2-PAM, ROCS, NGDS 2 MPDS, NGDS 2 ChemDX

FORWARD RESUSCITATIVE

Products: Atropine, 2-PAM, Midazolam, ATNAA/INATS, CANA/AAS, Atropine, 2-PAM, NGDS 1, NGDS 2 MPDS, NGDS 2 ChemDX

ROLE 3

THEATER HOSPITAL

Products: Atropine, 2-PAM, Midazolam, ATNAA/INATS, Atropine, 2-PAM, NGDS 1, NGDS 2 MPDS, Antiviral

ROLE 4

MEDICAL TREATMENT FACILITY (DEFINITIVE CARE)

Products: Anthrax Vaccine (legacy), ACAM 2000 Vaccine (Smallpox vaccine - legacy), BOT MAB, PLG MAB



CONTACT

COL Matthew G. Clark

Joint Project Manager Chemical, Biological, Radiological, Nuclear Medical

301-619-7400 matthew.g.clark18.mil@army.mil www.jpeocbrnd.osd.mil

Public Affairs Office

usarmy.apg.dod-jpeo-cbrnd.mbx.jpeo-cbd-public-affairs-office@army.mil

Contracting

Keith Batchelor | 240-586-1523 **Lee Hess** | 240-344-0462

JPEO MEDICAL CONEMP GLOSSARY







- **2-PAM:** 2-pyridine aldoxime methyl chloride (Pralidoxime)
- AAS: Advanced Anticonvulsant System
- ACAM 2000™: Smallpox vaccine
- ADM: Advanced Design and Manufacturing
- Al: Autoinjector
- ATNAA: Antidote Treatment Nerve Agent Autoinjector
- AV TX: Antiviral Therapeutics
- BOT MAB: Botulinum Monoclonal Antibodies
- CANA: Convulsant Antidote for Nerve Agent
- **CBRN:** Chemical, Biological, Radiological, and Nuclear
- CONEMP: Concept of Employment
- **D4**: Dual Drug Delivery Device
- DECON: Decontamination
- INATS CA: Improved Nerve Agent Treatment System -Centrally Acting
- JPEO-CBRND: The Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense
- MCM: Medical Countermeasure
- MCMPT: Medical Countermeasure Platform Technologies
- NGDS 1: Next Generation Diagnostics System 1
- NGDS 2 ChemDX: Next Generation Diagnostics System
 2 Chemical Diagnostics

- NGDS 2 MPDS: Next Generation Diagnostics System 2 Man Portable Diagnostic System
- **PLG MAB:** Plague Monoclonal Antibodies
- RAIDR: Rapid Acquisition and Investigation of Drugs for Repurposing
- RAPID: Rapid Prototyping
- ROCS: Rapid Opioid Countermeasure System
- ROLE 1: Medical support which is integral or allocated to a small unit
- ROLE 2: Medical support normally provided at larger unit level, usually Brigade or larger
- ROLE 3: Medical support normally provided at Division level and above
- ROLE 4: Medical support for patients where the treatment required is longer than the theatre evacuation policy or the capabilities usually found at Role 3 are inadequate
- SNAPP: Soman Nerve Agent Pretreatment Pyridostigmine
- SPX AV PEP: Smallpox Antiviral Post-Exposure Prophylaxis
- VAMP: Vaccine Acceleration by Modular Progression