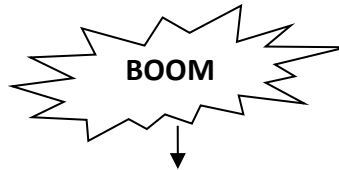


Radiologic Countermeasure Distribution Algorithm – Radiologic Dispersion Device



Radiologic Dispersion Device (RDD) recognized – multiple victims. Provisional isotope identification occurs by public safety agency (SPFD, MFD, Maple Grove FD, 55th CST, CAT team, or hospital)

Call Poison Center 1-800-222-1222. Technical expert/consultant at Poison Center determines if isotope requires antidotal treatment and notifies MDH OEP on-call. OEP on-call notifies SNS Coordinator and MDH Radiologic Materials Unit Director / on-call and HSEM. **Poison Center will call receiving hospitals to determine number of patients needing treatment and coordinate with MDH**

DTPA required (Am, Ca, Pu, Sr, possibly Po) – SNS Coordinator contacts MDH warehouse, identifies closest two hospitals to site (non Level 1 trauma centers), arranges transport and escorts

Prussian Blue (for Cs 137) – MDH SNS Coordinator makes request to CDC. Coordinates with HSEM as needed.

Potassium Iodide (KI) – OEP on-call contacts HSEM Operations on-call

No antidote for isotope involved

MDH warehouse transports 50% of cache (along with administration instructions / guideline sheets) as follows: 100 doses Ca-DTPA and 10 Zn-DTPA to each Level 1 trauma center (Regions, HCMC, North Memorial) and the two other closest hospitals to site of RDD. Delivery is to Emergency Department with instructions to deliver to pharmacy supervisor.

CDC, MDH SNS staff work with hospitals / PH to determine receipt / distribution (12h timeframe)

HSEM and MDH EPR staff determine with Radiologic Materials Unit scope and logistics of distribution (6-12h timeframe)

MDH – EPR consults with 55th CST, OEP medical staff, Radiologic Materials Unit, REAC/TS, and other technical experts to determine release of additional antidotes (local Zn-DTPA, Ca-DTPA) and/or need to request additional resources from SNS (Push Pack or Vendor Managed Inventory) based on event scope. Necessary state declarations activated, and delegation of prescribing authority obtained from MDH Commissioner

MDH EPR liaison with the Poison Center to act as resource for healthcare professional questions about patient treatment – Poison Center will fax antidote and/or treatment information to hospitals and public health based on event scope and post on MnTrac, MDH website, other locations as appropriate. MDH EPR staff will work with Regional Healthcare Resource Center (RHRC) staff to re-distribute antidotes as needed. Public information requirements may require separate healthcare / public information lines.