



CRCPD H-38 Committee on Radiation Medical Events

October 20, 2010
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Why is CRCPD interested in Medical Events?

- CRCPD represents state and local radiation programs and can host national database of medical events
- State programs already receive and evaluate reports of medical events
- State Programs license/approve physicists, therapists, physicians
- State programs track compliance with QA as part of the regulatory inspection

What have we done?

- Initial Survey of States
- Special Interest Meeting
- Follow-up survey of state and local radiation programs regarding radiation medical events

Initial Survey Results

- Responses from 29 states
- 79.3% have adopted regulations similar to Suggested State Regulations developed by CRCPD for Radiation Safety Requirements for Linear Accelerators (Part I)
- 70% have adopted regulations similar to SSR's for Medical Therapy (part X)

Special Interest Meeting

- What would states and/or facilities be willing to report?
- How do current databases coincide (NMED, FDA, State) or- Single National Database?
- Would we be collecting for regulatory or best practice purposes?

Follow up Survey

- 37 responses from states, LA county and New York City
- 97% have regulations for either RAM or machine based radiation medical event reporting
- 92% have reporting for RAM based therapy radiation medical event reporting
- 81% have reporting for RAM based diagnostic medical event reporting

Follow up Survey

- 83% have reporting for machine based therapy radiation event reporting
 - ~130 events reported since Jan, 2009 (26 responses)
 - Regulations fairly consistent to SSR's

Follow up Survey

- 43% have reporting for machine based diagnostic x-ray radiation event reporting
 - ~53 events reported since Jan, 2009 (12 responses)
 - Regulations not as consistent

Follow up Survey

- Of the states and local entities responding 30% make the events easily available to the general public
 - Posted on the state website
 - Annual summary report
- Other states do have methods in place for the records of the events to be requested through FOIA, etc.

Where are we?

- Developed a definition for a machine based radiation which includes therapy and diagnostic
- Held one face to face meeting and several conference calls
- Participated in many meetings and round tables concerning medical events

Where are we going?

- Development of a reporting form for all radiation medical events
- Creating/expanding the definition of RAM radiation medical events especially in the diagnostic area
- Investigating what will it take for CRCPD to house a radiation medical events database

Summary

- CRCPCD wants to provide a single point for states and facilities to enter events
- CRCPCD will work with the states, federal partners, and other experts to analyze the data
- CRCPCD will provide summaries and timely notices

ACRONYMS

- CRCPD-Conference of Radiation Control Program Directors
- QA-Quality Assurance
- SSR-Suggested State Regulations
- NMED-Nuclear Materials Events Database
- FDA-Food and Drug Administration

ACRONYMS

- RAM-Radioactive Material
- FOIA-Freedom of Information Act