RITN Steering Committee Conference Call

July 11, 2008
12-1 PM CST

Conference call # 866.730.9503 | Caller participation code 3185

Meeting Agenda

I. Opening remarks Cullen Case Jr. 10:00-10:10
   a. 2008 educational seminar status
   b. 2008 RITN tasks
   c. RITN trademark status

II. Advanced training at REAC/TS Dennis Confer, M.D. 10:10-10:25
    a. Description of course
    b. Results of May 2008 courses
    c. Next opportunity to attend

III. International collaboration Nelson Chao, M.D 10:25-10:50
     a. Coordination with EBMT Nuclear Accident Committee
     b. Standardize diagnosis and treatment guidelines/protocol
     c. Standardize data collection elements

IV. Q&A 10:50-11:00

V. Closing comments 11:00

Meeting minutes: will be made available through the RITN Website

RITN resources: Cullen’s Contact Info: 612.884.8402 | ccase@nmdp.org
RITN Web site: www.RITN.net

www.RITN.net
2008 RITN Tasks
Deadline: October 31, 2008

Task 1. Update & improve SOPs
- SOPs previously developed for RITN will be improved to strengthen the response capability.
- If the SOP is modified, a copy of the modified document must be submitted to the NMDP Technical Point of Contact.
- At a minimum, annual review of the existing SOP is necessary. If no changes are warranted, the NMDP Technical Point of Contact must be notified that the SOP document was reviewed for accuracy.

Task 2. Participate in NMDP directed exercises and drills
- RITN will conduct a tabletop exercise during the period of performance. This exercise is intended to evaluate existing plans and procedures. Center will be involved in an administrative capacity. Center will be provided with a scenario and questions to answer describing how each Center would respond to the scenarios.
- Periodically the NMDP performs communications drills with the Network. In addition to the drills, Center will need to perform an annual test call with the issued GETS card and satellite telephone to ensure minimal proficiency of use is maintained.

Task 3. Training
- NMDP Basic Radiation Training: Minimum of 20 staff members (unless this poses undue burden on the Center, at which time the Center must coordinate with the NMDP Technical Point of Contact for an alternate minimum quantity of staff to train, this coordination must be completed within 90 days of signing of this Amendment to the RITN Agreement). Training will be provided by the NMDP. Basic training consists of a guide describing the basics of radiation and a multiple choice test submitted by the Internet. The training materials and link to exam submission can be found at www.RITN.net.
- Additionally, Center must also conduct one of the following:
  - RITN overview presentation to expand knowledge of RITN to a general audience (e.g. hospital administrators, state emergency managers, regional emergency managers, other local hospitals, etc.)
  - Presentation of the RITN Grand Rounds training.
  - An attendance log with the event date, time, location, and the attendees’ printed names and initials/signatures must be submitted to the NMDP Technical Point of Contact for completion of this portion of Task 3.

Task 4. Periodic submission of a RITN capabilities report via the Internet as requested by the NMDP.
### Radiation Emergency Assistance Center/Training Site (REAC/TS)
#### Radiation Emergency Medicine Course

**National Marrow Donor Program - RITN**
**Held May 15-16 & 19-20, 2008**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Lecturer</th>
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<tbody>
<tr>
<td>8:00A</td>
<td>Registration/ Pre-Test/ Introductions/ Introduction (Section 3)</td>
<td>REAC/TS Staff &amp; Participants</td>
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<tr>
<td>8:50A</td>
<td>Break</td>
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<tr>
<td>9:00A</td>
<td>Basic Health Physics &amp; Radiation Protection: Part I (4)</td>
<td>Mr. Sugarman</td>
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<td>9:50A</td>
<td>Break</td>
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<tr>
<td>10:00A</td>
<td>A History of Serious Radiological Incidents: The Real Risk (5)</td>
<td>Dr. Christensen</td>
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<td>10:50A</td>
<td>Break</td>
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<tr>
<td>11:00A</td>
<td>Health Physics &amp; Contamination Control: Part II (6)</td>
<td>Mr. Sugarman</td>
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<tr>
<td>11:50A</td>
<td>Faculty &amp; Participants Photo Shoot and Lunch Break</td>
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<tr>
<td>1:00P</td>
<td>RADIATION DETECTION, MONITORING &amp; PROTECTION LABORATORY EXERCISE &amp; QUIZ (7)</td>
<td>Dr. Jenkins, Beauchamp, Murdock</td>
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<td>2:50P</td>
<td>Break</td>
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<td>3:00P</td>
<td>Diagnosis &amp; Management of the Acute Radiation Syndrome (ARS) (8)</td>
<td>Dr. Goans</td>
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<td>3:50P</td>
<td>Break</td>
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<td>4:00P</td>
<td>Diagnosis &amp; Management of Internal Contamination (9)</td>
<td>Dr. Wiley</td>
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<td>5:00P</td>
<td>Adjourn</td>
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<td>5:30P</td>
<td>Social Hour &amp; Dinner at the China Palace Restaurant</td>
<td>REAC/TS Staff &amp; Participants</td>
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<tr>
<td>8:00A</td>
<td>Diagnosis &amp; Management of Acute Local Radiation Injury (LRI) &amp; Case Review: Yanango Peru Incident (10)</td>
<td>Dr. Goans</td>
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<td>8:50A</td>
<td>Break</td>
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<td>9:00A</td>
<td>Radiation Sources &amp; Radiological Terrorism (11)</td>
<td>Mr. Sugarman</td>
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<td>9:50A</td>
<td>Break</td>
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<tr>
<td>10:00A</td>
<td>Radiation Emergency Area Protocol Demonstration (12)</td>
<td>Mr. Hart</td>
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<td>11:30A</td>
<td>Lunch Break</td>
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<tr>
<td>12:30P</td>
<td>Radiation Emergency Medical Management Drill (Group 1)</td>
<td>REAC/TS Staff &amp; Participants</td>
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<td>Radiation Dose Estimations - Problem Solving Session (Group 2)</td>
<td>Dr. Goans/ Mr. Sugarman</td>
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<td>2:30P</td>
<td>Break</td>
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<tr>
<td>2:45P</td>
<td>Radiation Emergency Medical Management Drill (Group 2)</td>
<td>REAC/TS Staff &amp; Participants</td>
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<td></td>
<td>Radiation Dose Estimations - Problem Solving Session (Group 1)</td>
<td>Dr. Goans/ Mr. Sugarman</td>
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<tr>
<td>4:45P</td>
<td>Q&amp;A, Post-Test</td>
<td>REAC/TS Staff &amp; Participants</td>
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<td>5:15P</td>
<td>Adjourn</td>
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RITN Center Staff Attendance at REAC/TS Training

MDs attending training = 9
Cancellations = 5
Objectives of Consultation Workshop

The purpose of the Consultation Workshop was to discuss the approaches used in the United States and Europe for medical management of radiation accident victims.

The approach used in the U.S. is outlined on the Radiation Event Medical Management (REMM) Web site. The European model was published in 2001 by The British Institute of Radiology (Medical Management of Radiation Accidents; edited by T.M. Fliedner, I. Friesecke and K. Beyrer).

It is useful and essential to secure international cooperation to harmonize the approaches. Such harmonization should be based on scientific facts and must take into consideration the logistical implications of the recommendations.

Conference Topics of Discussion:

1. Planning Therapeutic Strategies
2. Multi-Organ Dysfunction Syndrome (MDOS)
3. Response Categories as a Basis for Clinical Actions
4. Courses at the Postgraduate Level
5. Research and Development Questions

Workshop Sponsors

The workshop was sponsored by the following governmental and non-governmental institutions and organizations:

- American Society for Blood and Marrow Transplantation (ASBMT)
- Bundeswehr Institute of Radiology
- The European Group for Blood and Marrow Transplantation (EBMT)
- German Federal Ministry of environment, Nature Protection and Nuclear Safety
• Institut de radioprotection et de sûreté nucléaire (IRSN)
• The International Center for Advances Studies in Health Sciences and Services (ICAS) of the Medical Faculty, University of Ulm, Germany
• Medical College of Wisconsin
• National Marrow Donor Program (NMDP)
• Radiation Countermeasures Center of Research Excellence at Duke School of Medicine (RadCCORE)
• Radiation Injury Treatment Network (RITN)
• U.S Department of Health and Human Services, National Institutes of Health (NIH)

Participants

• Judith Bader
  Department of Health and Human Services, Washington, D.C.
  United States
• Axel Böttger, MD
  Federal Ministry of Environment, Nature Protection and nuclear Safety, Bonn
  Germany
• Cullen Case
  National Marrow Donor Program, Minneapolis, Minnesota
  United States
• Nelson Chao, MD
  Duke University, Radiation Countermeasures Center of Research Excellence, Durham, North Carolina
  United States
• John Chute, MD
  Duke University, Durham, North Carolina
  United States
• Norman Coleman, MD
  Department of Health and Human Services, Washington, D.C.
  United States
• Dennis Confer, MD
  National Marrow Donor Program, Minneapolis, Minnesota
  United States
• Theodor M. Fliedner, MD
  Radiation Medicine Research Group, Ulm University
  Germany
• Arnold Ganser, MD
  Department of Hematology and Oncology, Medical University Hanover
  Germany
• Patrick Gourmelon, MD
  Institut de radioprotection et de sûreté nucléaire, Fontenay-aux-Roses
  France
• Dieter Graessle, Dipl.- Math. Oec.
  Radiation Medicine Research Group, Ulm University
  Germany
• Juergen Griebel, MD
  Institute of Radiation Hygiene, Federal Office for Radiation Protection, Munich
  Germany
• Robert Krawisz  
  American Society for Blood and Marrow Transplantation,  
  Arlington Heights, Illinois

• Viktor Meineke, MD  
  Bundeswehr Institute of Radiology, Munich

• Dietger Niederwieser, MD  
  European Group for Blood and Marrow Transplantation and  
  Department of Hematology and Oncology, University of Leipzig

• Matthias Port, MD  
  Department of Hematology and Oncology,  
  Medical University Hanover

• Ray Powles, MD  
  Nuclear Accident Committee of EBMT, London

• Bhawna Sirohi, MD  
  Nuclear Accident Committee of EBMT, London

• David Weinstock, MD  
  Dana-Farber Cancer Institute, Boston Massachusetts

• Albert Wiley, MD  
  Radiation Emergency Assistance Center/Training Site,  
  Oak Ridge, Tennessee

Conference Secretariat

• Collette Steinwachs  
  Radiation Medicine Research Group, Ulm University