

## Serving an essential role in the United States' radiological emergency response plan

## On April 6, 2009 President Obama said

"In a strange turn of history, the threat of global nuclear war has gone down, but the risk of a nuclear attack has gone up... Black market trade in nuclear secrets and nuclear materials abound. The technology to build a bomb has spread."

(WSJ, North Korea Seeks Political Gain From Rocket Launch).

The Radiation Injury Treatment Network<sup>®</sup> (RITN) includes 57 bone marrow transplant centers, donor management centers and cord blood banks that are collectively preparing for the response to a mass casualty marrow toxic incident. Possible incidents include the detonation of an improvised nuclear device or widespread exposure to mustard gas.

Since its formal inception in 2006, RITN has developed treatment guidelines and standard operating procedures for centers involved in the response, solidified partnerships with governmental and nongovernmental organizations, and conducted annual exercises to being recognized by the federal government in recent publications.

## **Mission Statement:**

The Radiation Injury Treatment Network (RITN) provides comprehensive evaluation and treatment for victims of radiation exposure or other marrow-toxic injuries. RITN is comprised of experts from actual treatment facilities with experience in treatment of immune compromised marrow.

RITN is a cooperative effort of the National Marrow Donor Program<sup>®</sup> (NMDP) and the American Society for Blood and Marrow Transplantation (ASBMT).

**Recognized** by the federal government as an Expert Referral Care provider in the publication Planning Guidance for Response to a Nuclear Detonation created by the Homeland Security Council Interagency Policy Coordination Subcommittee for Preparedness and Response to Radiological and Nuclear Threats.

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Homeland Security Council Interagency Policy Coordination Subcommittee for Preparedness & Response to Radiological and Nuclear Threats (2009), Planning Guidance for Response to a Nuclear Detonation, Washington, D.C., Government Printing Office. Fliedner TM, Chao NJ, Case C Jr, et al. Stem Cells, Multi-organ Failure in Radiation Emergency Medical Preparedness: A US/European Consultation Workshop, Stem Cells, pre-publication. Weinstock DM, Case C Jr, Bader JL, et al. <u>Radiological and nuclear events</u> : contingency planning for hematologists. Blood, June 15, 2008;111 (12):5440–5445. D. M. Weinstock, C. Case Jr, and D. L. Confer. <u>Response: Radiologic and nuclear events</u> . Blood, June 15, 2008; 111(12): 5758 – 5759.	<ol> <li>Homeland Security Council Interagency Policy Coordination Subcommittee for Preparedness &amp; Response to Radiological and Nuclear Threats (2009), Planning Guidance for Response to a</li> <li>Fliedner TM, Chao NJ, Case C Jr, et al. Stem Cells, Multi-organ Failure in Radiation Emergency Medical Preparedness: A US/European Consultation Workshop, Stem Cells, pre-publication.</li> <li>Weinstock DM, Case C Jr, Bader JL, et al. Radiological and nuclear events: contingency planning for hematologist/oncologists. Blood, June 15, 2008;111 (12):5440–5445.</li> <li>D. M. Weinstock, C. Case Jr, and D. L. Confer. <u>Response: Radiologic and nuclear events</u>. Blood, June 15, 2008; 111(12): 5758 – 5759.</li> </ol>
RESOURCES	ADDITIONAL
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Hematology Physicians Preparing for a Mass Casualty Marrow Toxic Incident	RADIATION INJURY TREATMENT NETWORK