

**International Conference on Occupational Radiation Protection:  
Strengthening Radiation Protection of Workers –Twenty Years of Progress  
and the Way Forward**

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## **Managing Occupational Exposures During I-131 MIBG Therapy**

The use of I-131 MIBG for the therapeutic treatment of relapse neuroblastoma in pediatric patients has been used for over 15 years. This treatment involves the administration of I-131 MIBG at doses up to 0.67 GBq/Kg. The therapy requires careful management of not only the patient but the various hospital staff and caregivers involved in patient treatment and support. The primary supporting care team includes Nuclear Medicine, Nursing, Physicians, Caregivers, and Radiation Safety. The various radiation safety policies and procedures as well as operational best practices that have been established over many years of treating these patients will be discussed.

### **Speakers email**

william.lorenzen@childrens.harvard.edu

### **Speakers affiliation**

Boston Children's Hospital

### **Name of Member State/Organization**

United States

**Primary author:** Mr LORENZEN, William (Boston Children's Hospital / Harvard Medical School)

**Presenter:** Mr LORENZEN, William (Boston Children's Hospital / Harvard Medical School)

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