

Radiation Shielding Design Request Form

SPECT / CT Room

Contact Information

Facility Name	_____	Room ID or Number	_____
Street Address	_____	State	_____
City	_____	Zip Code	_____
First Name	_____	Last Name	_____
Title	_____	Company	_____
Email	_____	Phone	_____

Equipment Information and Workload

Manufacturer _____ **Model** _____

Nuclear Medicine Component

Est. Maximum # of Nuclear Medicine Patients Per Week

Procedure Types General Nuclear Medicine General Nuclear Medicine and I-131 Therapy
 Nuclear Cardiology General NM, Nuclear Cardiology, and I-131 Therapy
 General NM and Nuclear Cardiology Other _____

What Is The PRIMARY Radioisotope Used? Tc-99m Tl-201 I-123 Ga-67 Ra-223 I-131 In-111
% of Procedures Using Tc-99m _____ Other _____

Average Activity (mCi) _____ **Average Scan Time (min)** _____

What Is The SECONDARY Radioisotope Used? Tc-99m Tl-201 I-123 Ga-67 Ra-223 I-131 In-111

Average Activity (mCi) _____ **Average Scan Time (min)** _____ Other _____

CT Component

Number of Slices for CT Scanner _____ **Maximum kVp** _____

Est. Maximum # of CT HEAD Studies Per Week _____ **Est. Maximum # of CT BODY Studies Per Week** _____

% of CT Procedures Using Contrast _____

**Please Upload The Manufacturer Isodose Maps in PDF Format (If Available).*

Construction Information

Construction Type New Construction Is There a Previous or Existing Yes
 Remodel of Existing Building Shielding Design For This Space? No
 Remodel of Existing Shielded Rm Equipment Replacement Is This a Multiple Story Building? Yes No
 Other _____ **If YES, please answer the additional questions below.*

Which Floor Is the Room On? _____ **What Is The Floor to Floor Height?** _____

What Is The Floor / Ceiling Building Material? _____

What Is The Floor / Ceiling Building Thickness? _____

Are There Occupied Spaces Above or Below? Above Below Both

What Is Above or Below? _____

Describe the areas that are on the opposite sides of each wall (ie: office space, work areas, hallways, bathrooms, etc.)

All walls are assumed to contain standard gypsum wallboard with a total thickness of 1.25". If additional materials are known to be present, please list known compositions and thicknesses (ie: 0.79 mm of lead, 8 inches of concrete).

Comments

Please include a scale (1/4") drawing of the room in PDF format. The drawing should include the placement and orientation of equipment as well as surrounding spaces.

Please submit this form to info@olympichp.com. For questions, call 253.254.6988.