



Jewish General Hospital
Lady Davis Institute for Medical Research



"Theranostics in Nuclear Medicine"

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Abstract:

Nuclear medicine is rapidly evolving, with new radiopharmaceuticals being developed at a fast pace. Treatments with radionuclides are becoming more complex, creating a need to move SPECT imaging from a mostly qualitative field to a quantitative one, to allow for dosimetric measurements to be performed. This presentation will outline the rapid changes in the field, give an overview of the exciting new types of treatments given in nuclear medicine departments, and highlight the need for physicists to build a coherent framework for dosimetry measurements in this context.