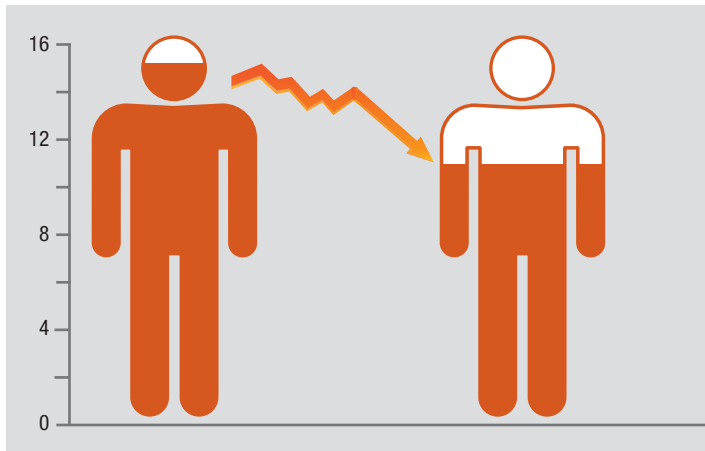


Clinical Experience: Reducing Patient Radiation Exposure at Kishwaukee Community Hospital

Kishwaukee Community Hospital implemented the **IntegoTM PET Infusion System** in January of 2011. Their goal was to reduce patient radiation exposure by changing to a patient-specific dosing protocol and leveraging the accuracy, automated weight-based dosing, and dose-on-demand capabilities of Intego.

When comparing six months of patient doses that were manually administered through unit dose syringes to six months of patient doses that were automatically infused with Intego using weight-based dosing, Kishwaukee Community Hospital recognized a **22.4% reduction in average patient radiation dose** while maintaining image quality and imaging acquisition protocol.

22.4%
reduction in average patient dose



Manual Standard Dosing
15.2 mCi average patient dose

Intego Weight-based Dosing
11.8 mCi average patient dose



“ A chemotherapy patient may need a PET/CT scan every three months to determine how the tumor is responding to treatment. Over the course of treatment, this reduction in radiation exposure can be quite significant for the patient. ”

Dr. Sabet Siddiqui
Medical Director & Cancer Center Oncologist
The Cancer Center at
Kishwaukee Community Hospital

EACH DOSE MATTERS

Kishwaukee Community Hospital has changed their practice from a 15 mCi standard prescribed dose administered through unit dose syringes to tailoring the dose to each individual patient with Intego's automated weight-based dosing using a standard formula of 0.1 mCi/kg with a minimum dose of 10 mCi and a maximum dose of 20 mCi. The result – 22.4% reduction in average patient radiation dose.

“ The Intego system has helped us drop the radiopharmaceutical dose to our patients by 22.4%. Radiation dose reduction is very important to consumers today and we have had patients request to come to our Cancer Center for their PET/CT scan due in part to the dose reduction technology we have in place. ”

Jodi Haeffner, R.T. (R) (M)
Director - Diagnostic Imaging
Kishwaukee Community Hospital

FOR MORE INFORMATION:
www.redefining-pet.com



The Cancer Center at **Kishwaukee Community Hospital**

The Cancer Center at Kishwaukee Community Hospital is a warm and comfortable place focused on patient and family-centered care. Experienced oncology specialists, nurses and technologists use advanced technology and evidence-based protocols to diagnose and treat cancer and blood disorders.

Utilizing the latest technology in diagnosing and treating cancer, The Cancer Center offers comprehensive care, including medical oncology/hematology and radiation oncology services.

For more information on The Cancer Center at Kishwaukee Community Hospital, visit: www.kishcancer.org



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