



Clinical Experience References

One system.

**Over a Million PET Infusions*
and Counting.**

The Medrad® Intego PET Infusion System has been documented to reduce operator radiation exposure in PET procedures. The Medrad® Intego PET Infusion System has an installed base of over 300 units in more than 40 countries. Our customers have trusted Medrad® Intego for more than one million PET infusions around the world.



It's a record we're very proud of.

When we first introduced the Medrad® Intego PET Infusion System, we set out to redefine PET by enabling personalized patient care, reducing unnecessary radiation exposure for technologists, and driving improved practice economics.

Utilizing a fully-shielded mobile design, the system infuses accurate, repeatable, patient-specific doses from a multi-dose vial, all managed through a simple touchscreen.

For more information, please visit
www.radiologysolutions.bayer.com

* Based on the number of Patients Administration Sets sold to date.



Medrad® Intego goes wireless.

Now with Radiation Dose Management System that enables wireless:

- ◆ Connectivity of modality worklist
- ◆ Transmission of infusion record to PACS*
- ◆ Transmission of estimated radiation absorbed dose (ERAD) report to PACS*

* Secondary Capture images can be sent to compatible DICOM devices

MEDRAD® Intego
PET Infusion System

Clinical Experience References

Summary of Medrad® Intego Presentations and Publications


Date	Title	Institution	Source	Authors	Category
05/2015	Variability of [¹⁸ F]FDG Administered Among Patients Undergoing PET Examinations: An International Multicenter Survey	University of Milan, Milan, Italy	Article: Radiation Protection Dosimetry, 2015; 10.1093	Del Sole, Angelo; Lecchi, Michela; Lucignani, Giovanni	Patient Dose Reduction Staff Dose Reduction
03/2015	Evaluation of an Automated FDG Dose Infuser to PET-CT Patients	Hospital Clinico San Carlos, Madrid, Spain	Article: Radiation Protection Dosimetry, 2015; 10.1093	Sánchez, Roberto M.; Vano, Eliseo; Fernández, Jose M.; Ginjaume, Mercè and Carreras, José L.	Patient Dose Reduction Staff Dose Reduction
10/2012	Minimizing Occupational Exposures: A 2-Year Radiation Protection Strategy to Achieve The Goal	Centre G.F. Leclerc, Dijon, France	Poster: EANM, 2012, Eur J Nuc Med Mol Imaging 2012 39 (Supplement 2) S392	S. Prévot, J.M. Vrigneaud, J.M. Riedinger, M. Quermone, C. Blasenbauer, L. Carchon, M.H. Février, M. Gilbert, L. Houot, M. Laboube, A. Lagrange, C. Mary, F. Peltier, F. Saget, F. Brunotte	Staff Radiation Dose Reduction
10/2012	Impact of an Automated FDG Infusion System in Radiation Exposure to PET Technologists	Hospital Israelita Albert Einstein, Sao Paulo, Brazil	Poster: EANM 2012, Eur J Nuc Med Mol Imaging 2012 39 (Supplement 2) S523	S. Lima, S. Nogueira, L.Y.I. Yamaga, D. Wiecek, D. Magalhaes, J. Oliveira, G. Campos Nt, A. Osawa, M. Cunha, A. Thom, J. Wagner, M. Funari	Patient Dose Reduction Staff Dose Reduction
06/2012	Radiation Exposure Reduction to PET Technologists with the Use of an Automated Dosage Delivery System	Mayo Clinic, Rochester, Minnesota	Poster: SNM 2012, J Nucl Med 2012; 53 (Supplement 1):2185	Paul Carolan, Christopher Hunt, Daniel McConnell, Jeffrey Brunette, Geoffrey Johnson, Joseph Hung	Patient Dose Reduction Staff Dose Reduction
06/2012	Methods to Reduce Nuclear Medicine Staff Radiation Exposure From 18FDG Exams	Mayo Clinic, Rochester, Minnesota	Poster: SNM 2012, J Nucl Med 2012; 53 (Supplement 1):1519	Santo Maimone, Debbi Aloszka, Kevin Nelson, Robert Pooley	Patient Dose Reduction Staff Dose Reduction
06/2010	Impact of an Integrated Dose Infusion System on the PET/CT Imaging Process ¹	H. Lee Moffitt Cancer Center, Tampa, Florida	Poster: SNM 2010, J Nucl Med 2010; 51 (Supplement 2):2078	A. Yalcin, Ph.D., E. Eikman, M.D., F. Rico, C. Kuykendall, W. Rotondi, C. Berman	Patient Dose Reduction Staff Dose Reduction
04/2010	Radiation Exposure in Routine Practice with PET/CT and Automatic Infusion System – Practical Experience Report	University Medical Centre, Ljubljana, Slovenia	Paper: MEDICON 2010, IFMBE Proceedings 29, pp. 719–721, 2010	P. Tomše, A. Bicek	Patient Dose Reduction Staff Dose Reduction
10/2009	Radiation Exposure to the Staff with an Automatic 18F-FDG Dose Injector	University of Copenhagen, Herlev Hospital, Herlev, Denmark	Poster: EANM 2009, Eur J Nucl Med Mol Imaging (2009) 36 (Suppl 2):S484	C. W. Skøtt, S. Holmboe, L. Skads	Patient Dose Reduction Staff Dose Reduction

¹ Bayer sponsored these references or the author is a paid employee/consultant of Bayer.



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PP-INT-US-0036 October 2015