

Clinical Experiences Reference







One System. Over Six Million PET Infusions* and Counting.

The MEDRAD[®] Intego PET Infusion System has an installed base of over 500 units in more than 50 countries. Our customers have trusted MEDRAD[®] Intego for more than six 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 drive operational efficiencies. 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.

The articles and publications listed here represent a portion of the information available on the use of MEDRAD[®] Intego.

We Are Transforming Patient Care.

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Clinical Experience References

Summary of MEDRAD [®] Intego PET Infusion System Presentations and Publications					
Date	Title	Institution	Source	Authors	Category
9/2018	Body Weight-Based Protocols During Whole Body FDG PET/CT Significantly Reduces Radiation Dose without Com- promising Imaging Quality: Finding in a Large Cohort Study	American University of Beirut Medical Center, Lebanon	Academic Radiology 2018: 1-6	Charbel Saade, PhD, Ahmad Ammous, MD, Alain Abi-Ghanem, MD, Frederik Giesel, MD, Karl Asmar, MD	Patient Dose Reduction
3/2018	Radiation Safety Considerations in PET/CT	St. Josephs Healthcare, Hamilton, Ontario, Canada	SNMMI PET Center of Excellence Newsletter	Mark Weir, PET/CT Technologist	Staff Dose Reduction
05/2015	Variability of [18F]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, Giovann	Patient Dose Reduction Staff Dose Reduction
03/2015	Evaluation of an Automated FDG Dose Infuser to PET-CT Patients	Hospital Clınico San Carlos, Madrid, Spain	Article: Radiation Protection Dosimetry, 2015; 10.1093	Sánchez, Roberto M.; Vano, Eliseo; Fernández, Jose M.; Ginjaume, Mercèand 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. Quermonne, C. Blasenhauer, 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
02/2012	Validation of a New Protocol for 18F-FDG Infusion Using an Automatic Combined Dispenser and Injector System	University of Milan, Milan, Italy	European Journal of Nuclear Med and Molecular Imaging: 2012;39:1720-1729	M. Leechi, G. Lucignani, C. Maioli, G. Ignelzi, A. Del Sole	Patient Dose Reduction Staff Dose Reduction Sterility
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 Experi- ence Report	University Medical Cen- tre, 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 Copenha- gen, 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

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