



Focused on What Matters Most



Fully automated dose preparation and patient infusion in a single, easy-to-use, mobile system:

- Personalize patient care
- Reduce technologist radiation exposure
- Streamline schedule management and record keeping
- Drive operational efficiency
- Support quality initiatives

medRAD® Intego
PET Infusion System



Wireless Connectivity

Streamline workflow and accuracy with automatic record keeping

Patient Friendly

with selectable flow rate and test infusion

Motor Driven

for easy maneuverability

Integrated Dose Calibrator

Accurate and flexible delivery of FDG and NaF

Simple to Use Touch Screen

streamlines workflow

Shielding

offers a 90% reduction in operator extremity dose compared to manual injection¹



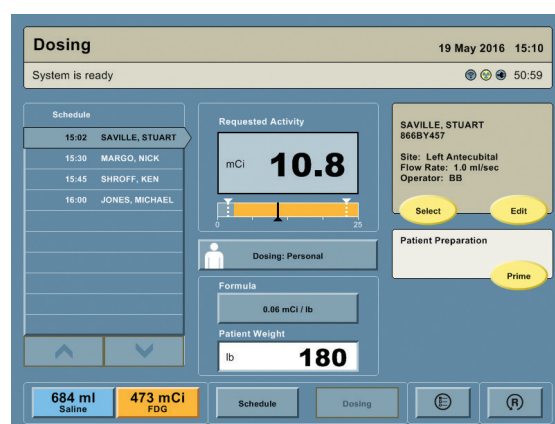
Personalize Patient Care

Deliver Personalized Patient Dose

Patient-specific dosing calculation and precise administration with automated weight-based dosing from a simple touchscreen.

Clinical Experience

- 43% median dose reduction for weight-based dosing vs. standard injections in a study of 24,716 FDG PET administrations with MEDRAD Intego³.
- Optional Saline test injection
- Selectable flow rate 1.0 mL/sec or 0.5 mL/sec



Patient information listed on the GUIs are fictitious examples only and do not contain any actual patient data.

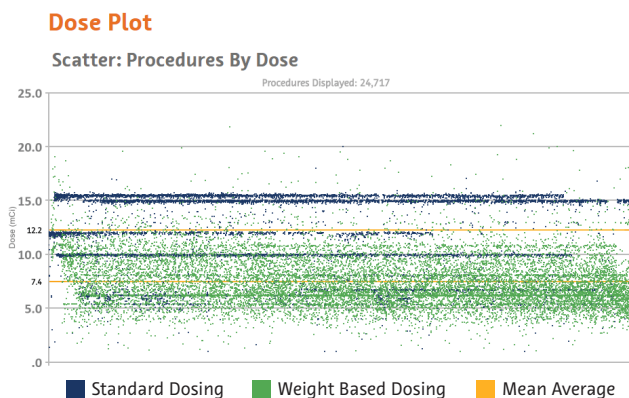
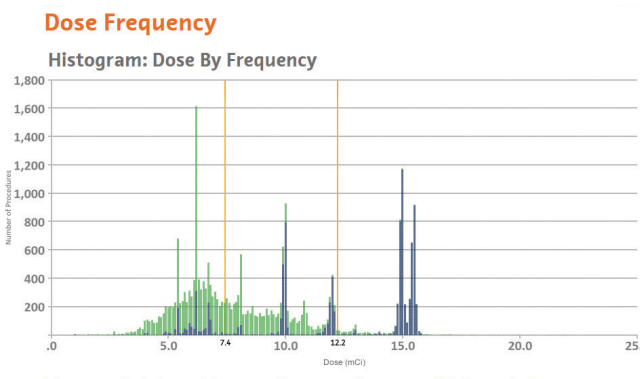
High Accuracy of Delivered vs. Prescribed Dose

Dose preparation, patient infusion, and saline flush all combined into one system with highly accurate Delivered vs. Prescribed Dose.

Clinical Experience

- 2% accuracy within measured dose

MEDRAD Intego IRRIS Data²



¹ Bayer V&V Testing Results

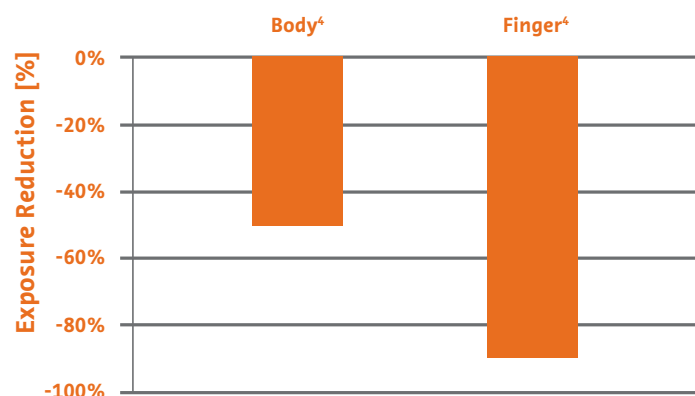
² Source: IRRIS Database (5/21/2013). Data on file. IRRIS – MEDRAD Intego Radiation Reduction Initiative & Survey.

³ Del Sole A, Lecchi M, Lucignani G. Radiat Prot Dosimetry. 2015 May 20. pii: ncv345. [Epub ahead of print]

Reduce Technologist Radiation Exposure

Safety, Accuracy and Efficiency. All in One System.

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



- Automated dose preparation and patient infusion enable hands-off operation and increased distance from the activity source
- Tungsten and lead shielding provide reduction in radiation exposure for clinicians
- The MEDRAD® Intego PET Infusion System has been documented to reduce operator radiation exposure in PET procedures (please refer to radiologysolutions.bayer.com for Clinical Experience References)

Clinical Experience

Body and extremities exposure reduction compared to manual injection:

- 90% reduction in operator extremity exposure⁴
- 50% reduction in whole body exposure⁴



Streamline Schedule Management and Record Keeping

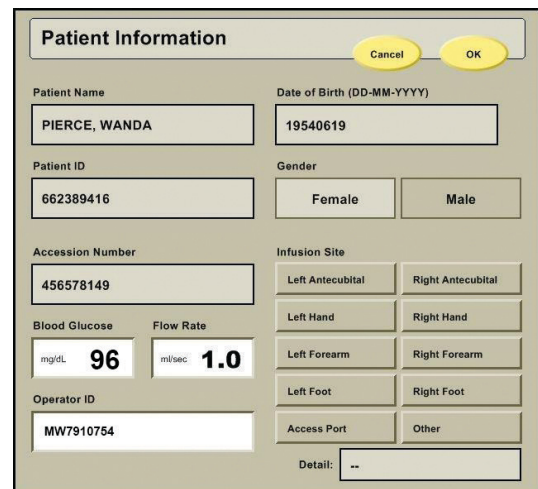
Streamline Schedule Management

- Save time and steps through wireless PET schedule import
- Efficiently manage daily schedule changes and add-ons

Smart Package Includes:

Decision Support

- HIS/RIS/PACS connectivity
- Streamline reliable and comprehensive information from point of care to study interpretation
- Allows efficient access to prior protocols for standardized treatment planning
- Support inspections, audits, and initiatives with detailed infusion and radiation documentation
- Provides data to help improve communication with patients and referring physicians



Patient Information [Cancel] [OK]

Patient Name: PIERCE, WANDA Date of Birth (DD-MM-YYYY): 19540619

Patient ID: 662389416 Gender: Female Male

Accession Number: 456578149 Infusion Site: Left Antecubital Right Antecubital

Blood Glucose: mg/dL 96 Flow Rate: ml/sec 1.0

Operator ID: MW7910754

Left Hand Left Forearm Left Foot Right Hand Right Forearm Right Foot

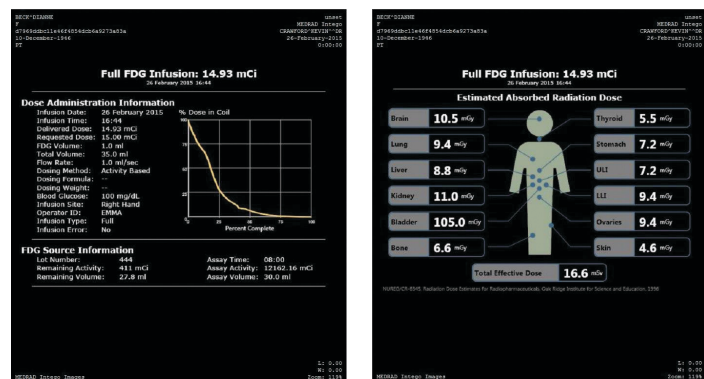
Access Port Other

Detail: --

Schedule information wirelessly imported

Automated Infusion Records and Radiation Dose Tracking

- Detailed infusion records, including FDG dose delivered to the patient, automatically transferred to PACS
- Estimated absorbed radiation dose by organ automatically transferred to PACS, aiding efforts to monitor and manage patient radiation exposure



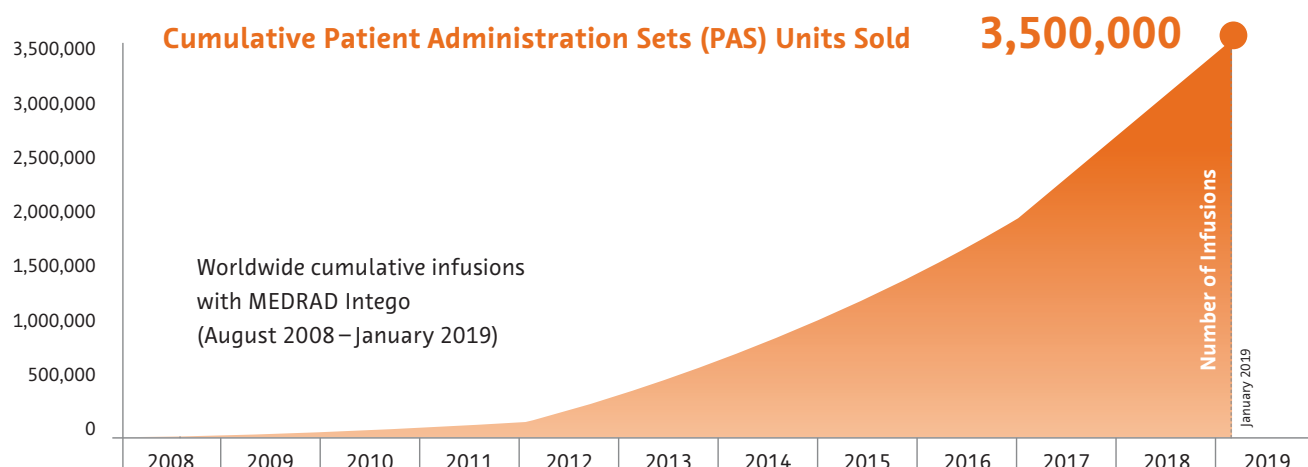
Infusion results and estimated absorbed radiation dose wirelessly transferred to PACS

Drive Operational Efficiency

One System.

More than 3.5 Million Cumulative Infusions* Worldwide.

More than 3.5 million times* around the world, MEDRAD Intego has been trusted for PET infusions. The MEDRAD® Intego PET Infusion System has an installed base of more than 450 units in more than 42 countries.



One PET infusion is done every 26 seconds** with MEDRAD Intego.

* Based on Worldwide Patient Administration Set sales data August 2008 – January 2019. ** Based on Worldwide Patient Administration Set sales in 2018 and 250 working days / year.

The MEDRAD Intego Advantage

The MEDRAD® Intego PET Infusion System enables you to personalize and deliver accurate doses for patients, minimize radiation exposure for technologists, and optimize practice efficiency and economics.

Radiopharmaceutical Utilization Reduction



Weight-based Dosing

- > Individualized dosing calculations
- > Precise administration



Schedule Compression

- > Shortened intervals between patient injections

Staff Radiation Exposure Reduction



Hands-off Operation

- > Built-in shielding
- > Automated dose preparation

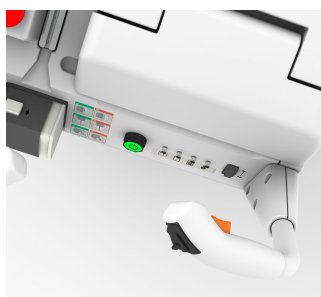
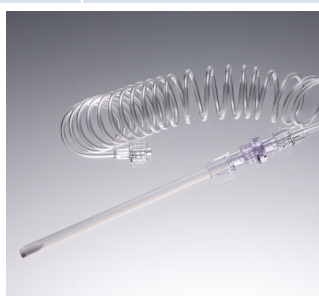
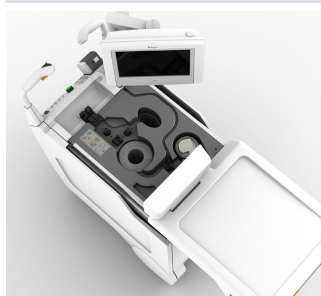
Support Quality Initiatives

A PET Infusion System with the Flexibility, Efficiency, and Reliability That Matters ... to Your Next Patient.

Our equipment service is built on optimizing uptime, maximizing value, reducing risk, and keeping Bayer devices performing at peak efficiency.

Ordering Information

Item Description	Catalog
MEDRAD® Intego PET Infusion System	INT SYS 200 RDMS
Source Administration Set (SAS)	INT CSS
Patient Administration Set (PAS)	INT CPS
MEDRAD Intego Smart Package	SW-WLIST, SW-IRPACS and SW-RDPACS



Technical Specifications

Description	Specification
Weight	Approximately 783 lbs (355 kg)
Dimensions	Approximately 20 inches (51 cm) wide, 27 inches (67 cm) deep, 51 inches (130 cm) high
Maximum Radioactivity	750 mCi (27.8 GBq) for shielding effectiveness 700 mCi (25.9 GBq) for dose preparation
Maximum RP Volume	30 mL
Maximum RP Activity Concentration	100 mCi/mL (3,700 MBq/mL)
Dose range	1 – 25 mCi (37 – 925 MBq)
Dose accuracy	+/- 2% of the measured dose, exclusive of dose calibrator calibration factor
Flow rate	0.5 mL/sec or 1 mL/sec
System Radiation Profile	Peak rate equal to less than 1.4 mrem/hr (0.014 mSv/hr) at 12 inches (30.5 cm) from the surface of the cart at maximum activity
Power	300 VA
Voltage	100 – 240 VAC
Frequency	50/60 Hz

New! Order disposables online

The myORDERS website makes it easy to order Bayer disposables and keep track of your orders online—just as easy as it should be! Check it out at myORDERS.Bayer.com.

myORDERS
Bayer.com

VirtualCARE™ Remote Support

Utilize VirtualCARE™ Remote Support for maximum uptime: remote troubleshooting capabilities and system updates via an Internet connection.

Our Services, Your Success

Dedicated support every step of the way, with comprehensive Services delivered by experts



Simplifying Integration

Solution installation, configuration, and education support to streamline your implementation process

- Project Management
- Solution Interfaces
- Onboarding Resources



Enhancing Performance

Clinical education, best practice, and on-demand support take the complexity out of standardizing care

- In-person and Virtual Educational Resources
- Clinical Performance Center
- myRadiologySolutions Customer Portal



Maximizing Uptime

Best-in-class device monitoring, maintenance, and repair keeps your workflow working

- Engineered Predictive Maintenance
- Flexible Service Agreements
- VirtualCARE Remote Center



Driving Quality and Efficiency

Solution Delivery Specialists and best practice resources to streamline workflow efficiencies and help you achieve your clinical, financial and operational goals

- Performance Excellence Resources
- Workflow Optimization
- Process Improvement Planning
- Cost-efficiency Strategies

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