

# Precise. Flexible. Safe. Efficient.

Advance clinically, drive productivity, and improve safety with the Intego<sup>™</sup> PET Infusion System – your next step in PET imaging. Innovative technology, smart design, and simple operation will make you wonder why you ever infused FDG any other way. Imagine smarter, safer, and simpler PET\*. The Intego PET Infusion System: a new standard of care in FDG infusion.



## Precise

- Accurate, repeatable FDG administration:  $\pm 2\%$  of measured dose
- Integrated dose calibrator with intelligent fluid control and management technology
- User configurable formulas for weight-based dosing

## Flexible

- Real-time, automated dose preparation and infusion – directly from multi-dose vials containing up to 700 mCi
- Dose-on-demand technology through simple touchscreen
- Programmable dose range: 1-25 mCi

## Safe

- Reduced exposure from dose preparation and/or handling
- Effective shielding:  $< 2$  mRem/hour @ 12 inches from all surfaces
- Custom designed shipping containers, vial shields, and disposables to minimize exposure
- Test inject, low flow rate and low pressure ensure added patient safety

## Efficient

- Reduced number of steps and time spent for dose preparation and infusion
- Simple, automated record keeping
- Automated linearity and quality control features



\*As compared to manual infusion techniques

## A new standard of care in FDG infusion.

### Clinical confidence

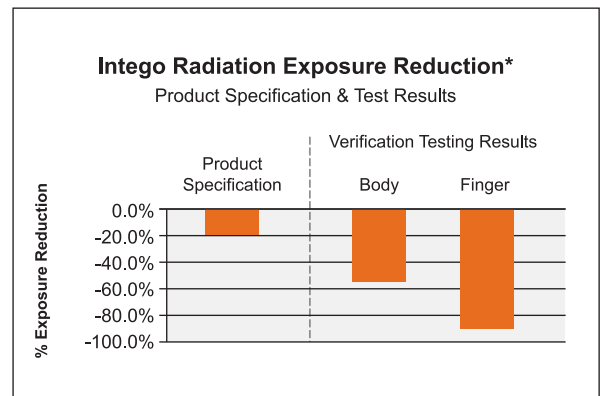
- Deliver the full patient dose with low residual activity
- Prepare patient-specific doses on demand with practical weight-based-dosing
- Support numerous protocols and applications with a wide dose range
- Keep pace with the advances in PET with accurate, repeatable and reliable infusion

### Re-assurance & safety

- Leverage 'time, distance, shielding' radiation safety rule:
  - Reduce steps and time handling FDG, from dose check-in thru assaying residual activity
  - Distance technologists from patient during infusion
  - Protect technologists with lead and tungsten shielding
- Reduce radiation exposure by at least 20%
- Infuse into fragile veins with low pressure

### Productivity and efficiency

- Reduce non-value added work
- Create schedule flexibility, utilize your FDG efficiently
- Manage radiation exposure without additional staff
- Focus more on what matters most – patient care



\*Source: MEDRAD V&V data

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