We've closed the gap in radiopharmaceutical tracking to help improve patient safety

Introducing the Safetrac™ Barcoding System

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At Cardinal Health, we believe it's time our industry closed the safety gap in tracking radiopharmaceuticals to help improve the safety of your patients. For the first time, the Safetrac™ Barcoding System allows your facility to scan every dose at the point of care to help reduce patient dosing errors.

CardinalHealth

Essential to care™

Why do something? Why now?

Five important reasons to track your radiopharmaceuticals from beginning to bedside.

1. Comply with future FDA barcoding mandates

In 2006, the U.S. Food and Drug Administration (FDA) mandated that hospitals use barcode technologies for use with human drug products and biologic products. Barcode systems identify the national drug code (NDC) for specific manufactured products and facilitate identification of the right patient, the right drug and the right dosage. Radiopharmaceuticals are exempt from this mandate because they lack an NDC number, creating a gap for hospitals that wish to scan all medications at the point of care.

Though radiopharmaceuticals are exempt today, barcoding radiopharmaceuticals could become a mandate in the future. By implementing the Safetrac™ Barcoding System, you and your facility remain proactive in meeting possible future barcoding requirements.

2. Reduce patient dosing errors

Rates of patient dosing errors vary based on method, but one thing is clear: errors in patient dosing happen more frequently without safeguards, and the potentially devastating effects may be reduced with the use of barcoding systems.

Medication errors happen all the time, an estimated one million each year, contributing to 7,000 deaths. On average there is one medication error every day for every inpatient.[1]

Approximately 1,900 adverse drug events occur per hospital per year.[2]

Impact studies of BCMA (barcoded medication administration) on administration errors reported very large reduction: **59 percent–70 percent decrease.[1]**

Health systems leading the way in utilizing technology to improve patient safety report 81 percent of medications are scanned to their patient before administration (400+ bed facilities).[3]

Barcode Medical Administration (BCMA) in healthcare systems increased from 21 percent in 2007 **to** 75 percent in 2014.[3]

3. Comply with future government tracking initiatives

Centers for Medicare & Medicaid Services (CMS) created Meaningful Use to support the use of electronic health records, and to help improve quality, safety and efficiency and reduce healthcare errors. Hospitals must meet specific criteria and objectives set by CMS to qualify for the incentive program. The Safetrac™ Barcoding System supports government initiatives to track and maintain all patient records electronically.

4. Protect your reimbursement

While reducing errors for the safety of your patients is most important, patient dosing errors also have a financial impact. As healthcare reform has changed the healthcare system from fee-for-service to outcomes-based reimbursement, it's critical for providers to meet high-quality standards in order to maximize their reimbursement and financial performance.

5. Protect your reputation

In the context of consumerism — where patients have a choice of where they get care — your good reputation is critical. A record of adverse patient events may harm your ability to attract patients and referring physicians.

**It's time we all raised the bar in radiopharmaceutical tracking.
One integrated system.**

And only available from Cardinal Health.

For more information, contact your Cardinal Health sales consultant or pharmacist.

Want to get started?

Check out the back for the steps to a successful implementation!

[1] Binder, L. (2013). The Shocking Truth About Medication Errors [electronic version]. *Forbes* Retrieved June 12, 2015, from: http://www.forbes.com/sites/leahbinder/2013/09/03/the-shocking-truth-about-medication-errors/

[2] Bates DW, Cullen DJ, Laird N, Petersen LA, Small SD, Servi D, Laffel G, Sweitzer BJ, Shea BF, Hallisey R, et al. Incidence of adverse drug events and potential adverse drug events. Implications for prevention. ADE Prevention Study Group. *JAMA*. 1995 Jul 5;274(1):29-34.

[3] State of Pharmacy Automation (August, 2014) Retrieved May 2015 from: www.pppmag.com/info

✔ Ready to get started?

Steps to successful implementation:

First, it's important to establish the capabilities of your current EHR (electronic health records) system:

1 Determine if you already have EHR in your facility

2 Determine if you use EHR in your nuclear department

3 Determine if you already have eRx codes set up in your EHR system for radiopharmaceutical, such as Tc-99m sestamibi unit-dose and Tc-99m medronate unit-dose

If you already have an EHR system in your nuclear medicine department, adoption is simple:

1 Contact your Cardinal Health sales consultant or pharmacist to request our barcoding information

2 Cardinal Health will provide a data table so that you can link our codes to your radiopharmaceutical eRx codes in your EHR system

3 Your pharmacy personnel simply enter the Cardinal Health codes into your existing EHR system

4 No programming changes are required: It's just a process of entering new codes*

Note: If you do not use an EHR system in your nuclear medicine department, it's important to consider adoption. Your facility will not be able to conduct dose verification at the point of care unless you have the safety and security of the Safetrac™ Barcoding System.

For more information, contact your Cardinal Health sales consultant or pharmacist.

*IT involvement varies by location. Consult with your EHR vendor to ensure appropriate input of new coding.

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