

FOR IMMEDIATE RELEASE

Media Contact

Jill Carey-Hargrave, (224) 948-5353
media@baxter.com

Investor Contact

Clare Trachtman, (224) 948-3085

**BAXTER'S DOSEEDGE PHARMACY SYSTEM IDENTIFIES POTENTIAL
MEDICATION ERRORS FOR CLINICIANS PRIOR TO PATIENT ADMINISTRATION**

- *Innovative technology has alerted pharmacies to more than three million potential medication errors*
- ***DoseEdge** helps pharmacists and pharmacy technicians correctly and efficiently prepare medication doses*

DEERFIELD, Ill., July 28, 2016 – Baxter International Inc. (NYSE: BAX) is committed to enhancing the safety of medication preparation, and today announced the **DoseEdge** Pharmacy Workflow Manager has alerted clinicians to more than three million potential medication preparation errors prior to medication being administered to patients.¹ This equates to identifying more than one thousand potential medication errors every day.

Medication errors are a significant cause of patient harm in the United States and take a substantial economic toll on the healthcare system. Each year, injectable medications administered in the United States are associated with an estimated 1.2 million preventable adverse drug events, which results in an estimated \$2.7 billion to \$5.1 billion in additional healthcare costs – an average of \$600,000 per U.S. hospital.²

Some of these errors may originate in the hospital pharmacy clean room, where medications are prepared or “compounded,” a process in which medications are mixed, combined or adjusted to meet specific patient needs. Between 2004 and 2011, the

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Institute for Safe Medication Practices (ISMP) reported serious compounding errors that resulted in multiple patient deaths, mostly due to wrong concentration/strength, wrong drug or wrong solution used to dilute the drug.³ In its 2016-2017 Targeted Medication Safety Best Practices for Hospitals, the ISMP recommends the use of technology such as barcode scanning verification of ingredients and IV workflow software to help ensure proper ingredients are added when compounding sterile preparations.³

DoseEdge is an innovative software solution that integrates with hardware used in medication preparation—including barcode scanners, cameras and gravimetric devices that measure final dose weight—to automate the process of routing, inspecting, tracking and reporting on intravenous (IV) and oral liquid medication doses. With **DoseEdge**, clinicians can conduct preproduction checks to help identify common medication preparation errors. Almost 40 percent of the errors **DoseEdge** has intercepted since 2008 are due to use of an incorrect drug.⁴

“When life-saving and sustaining medicines are prepared in the pharmacy, delivered, and administered at the hospital bedside, Baxter is there,” said Philip Rackliffe, Global Franchise Head of Baxter’s Integrated Pharmacy Solutions franchise. “**DoseEdge** is an example of Baxter’s commitment to the pharmacy, and is designed to help pharmacists verify that every dose of medication they prepare is delivered in a timely, accurate and efficient manner.”

Since its introduction, **DoseEdge** has become a crucial component in hospital clean rooms where medications are prepared, and has processed a total of 72 million medication doses.⁴

The **DoseEdge** System is not intended to replace the knowledge, judgement or expertise of pharmacists or pharmacy technicians in the preparation of IV admixtures or oral liquid doses.

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For safe and proper use of this device, refer to the appropriate Users Guide.

About Baxter

Baxter provides a broad portfolio of essential renal and hospital products, including home, acute and in-center dialysis; sterile IV solutions; infusion systems and devices; parenteral nutrition; biosurgery products and anesthetics; and pharmacy automation, software and services. The company's global footprint and the critical nature of its products and services play a key role in expanding access to healthcare in emerging and developed countries. Baxter's employees worldwide are building upon the company's rich heritage of medical breakthroughs to advance the next generation of healthcare innovations that enable patient care.

Forward-Looking Statements

*This release includes forward-looking statements concerning Baxter's **DoseEdge** Pharmacy Workflow Manager, including anticipated benefits associated with its use. The statements are based on assumptions about many important factors, including the following, which could cause actual results to differ materially from those in the forward-looking statements: satisfaction of regulatory and other requirements; actions of regulatory bodies and other governmental authorities; product quality, manufacturing or supply issues; patient safety issues; breaches or failures of the company's information technology systems; changes in law and regulations; and other risks identified in Baxter's most recent filing on Form 10-K and other SEC filings, all of which are available on Baxter's website. Baxter does not undertake to update its forward-looking statements.*

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Baxter and **DoseEdge** are trademarks of Baxter International Inc.

¹ Data on File: Baxter Healthcare Corporation.

² Lahue B, Pyenson B, Iwasaki K, et al. National Burden of Preventable Adverse Drug Events Associated with Inpatient Injectable Medications: Healthcare and Medical Professional Liability Costs. *Am Health Drug Benefits*. 2012;5(7):1-10.

³ Institute for Safe Medication Practices. 2016-2017 Targeted Medication Safety Best Practices for Hospitals. Available at: <http://www.ismp.org/tools/bestpractices/TMSBP-for-hospitals.pdf>. Accessed July 6, 2016.

⁴ Data on File: Baxter Healthcare Corporation.