



BD Cato™ ReadyMed:

The simplest way to close the loop of chemotherapy administration from patient to bedside

To help ensure hospitals fulfill the rights of medication administration, BD has developed a new digital solution: BD Cato ReadyMed.

The BD Cato ReadyMed app:

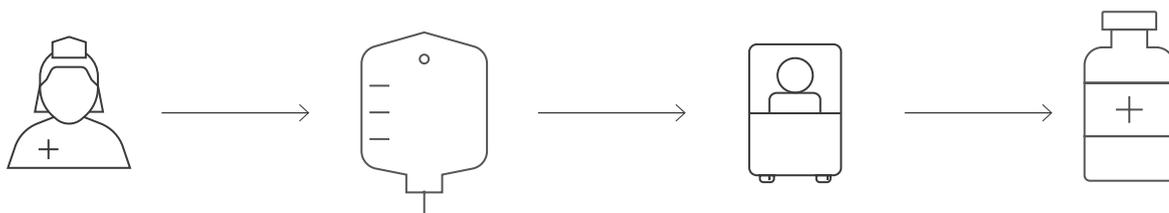
- Is a simple and intuitive barcoded medication administration (BCMA) documentation, checking and tracking program that ensures safe medication is given.
- Helps to enhance efficiency by reducing 50% of steps compared to standard IV chemo administration workflow.
- Allows each hospital to achieve a HIMSS Europe level six adoption and utilization of EMR functions required to achieve a paperless environment.³
- Offers a patient-specific administration check:
 - Medication and patient workload
 - Overview for that particular nurse
 - Tailored to each nurse's workload for the day

The administration of IV chemotherapy is critical and can lead to significant patient harm: 60% of medication errors are related to administration/supply, and the error rate for IVs is double that of oral medications.¹

- The standard medication administration process is long and complex, with at least eight steps before administration.
- It requires a second nurse check that is distracting for the second nurse and causes delays.
- Look-alike, sound-alike medication contributes to 33% of errors.^{1,2} Most chemotherapies are colourless liquids in similar bags.
- Other contributory factors to medication administration errors include high workload/low staffing (23%).¹

- ✓ Right patient
- ✓ Right medication
- ✓ Right dose
- ✓ Right time
- ✓ Right location
- ✓ Right documentation

Workflow with BD Cato ReadyMed:



Login PIN

- Approve nurse permission for administration.

Scan medication

- Display order information.

Scan patient

- Display relevant patient information on handheld.

Get OK/No

- Check medication/patient combination.
- Check administration time.
- Information is documented into electronic prescribing system.

BD Cato ReadyMed, the simplest way to help secure your IV administration:

Improve quality and standardization

- Standardize processes
- Increase traceability
- Live updates available

Enhance efficiency

- Reduce numbers of steps
- Reduce manual documentation
- Reduce the need for the second nurse check (feedback from pilot sites)

Increase patient safety

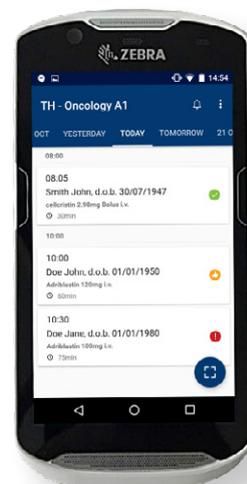
- Reduce medication error
- Reduce distraction
- Ability to track and trace the entire medication journey

“Knowledge is power—not only does this provide us with a level of data and insight that can be used to better challenge clinical practice and variation, helping us to reduce inefficiencies and improve patient experience and outcomes—more importantly it ultimately helps to safeguard our patients from avoidable harm.”⁴

Consultant cardiologist, on medication barcode technology in hospitals

References:

- 1 National Patient Safety Agency (NPSA). Safety in doses: Medication safety incidences in the NHS. 2007. <http://www.nrls.npsa.nhs.uk/EasySiteWeb/getresource.axd?AssetID=61392>
- 2 Karavasiliadou S, Athanasakis E. An inside look into the factors contributing to medication errors in the clinical nursing practice. Health Sci J. 2014;8(1). <http://www.hs.j.gr/medicine/an-inside-look-into-the-factors-contributing-to-medication-errors-in-the-clinical-nursing-practice.pdf>
- 3 HIMSS Europe. <http://www.himss.eu/healthcare-providers/emram>
- 4 Department of Health. Barcode safety helping to improve patient safety 29 December 2016. <https://www.gov.uk/government/news/barcode-technology-helping-to-improve-patient-safety>



Overview screen

Medication and patient workload overview for that particular nurse

- Tailored to each nurse's workload for the day
- Guides nurses to sequence of medication administration—which one to give first
- Shows live tracking of chemotherapy from pharmacy to ward—reducing phone calls

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