



## Enhancing Safety & Quality for Pharmacy Medication Preparation

East Tallinn Central Hospital, (ETCH) Tallinn, Estonia

To help accomplish key goals of providing outstanding patient care and safety enhancements, ETCH adopted the BD Cato™ Medication Workflow Solution. By integrating both the CPOE and Pharmacy modules into their IV preparation workflow, ETCH was not only able to significantly improve efficiency and quality but also communication between physicians and pharmacists, reducing medication preparation time from approximately 6 min per preparation to 3.9 min per preparation and ultimately getting the medication to the patient faster.



## Outpatient Pharmacy

Currently 11,000 preparations going through the BD Cato™ software

35% time reduction\* for chemotherapy drug preparation

Change to reallocation of headcount for improved patient-centric care

Improved management of remnants with BD Cato™

Reduction in prescription transcription errors\* with all medications prescribed electronically now

Electronic validation streamlining the medication management process



## Enhanced Patient Safety

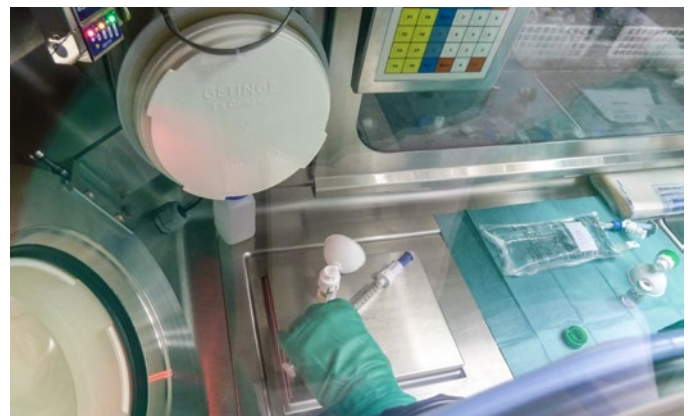
To improve error-prone manual paper based processes, prescriptions are now received electronically into the pharmacy via the BD Cato™ CPOE (Computerised Physician Order Entry) module enabling fast and efficient communication. Automatic warnings give notification of any required dose modifications and working with barcodes and a gravimetric scale ensures accurate preparation of patient medication. Introducing this automated workflow process has allowed ETCH to save time and avoid errors in both prescribing and production and has increased the ease and accuracy of administering patient medication.



## Improved Patient-Centric Care

Before the implementation of BD Cato™ in 2012, nurses at ETCH were preparing all medications on the ward. The manual process meant their nurses spent a great deal of time preparing medications and documentation of the production process was poor.

With the adoption of BD Cato™ all preparations are now completed within the pharmacy with greatly improved accuracy\* and a reassuring real-time audit trail. Best of all ETCH has been able to put their nurses back in front of the patient.



*"BD Cato has enabled us to improve the quality of our chemotherapy and biologic therapy by stratifying workflow, improving documentation of ordering medication by the physicians as well as preparation of medication in the pharmacy. We have improved co-operation with nurses and physicians in order to decrease medication errors and cut down on labor costs."*

*"By having BD Cato we have standardised prescription process and reduced the possibility of errors, caused by transcription, mishandling of paperwork, wrong calculated doses and medications which have been wrongly prescribed. A huge improvement overall offering my team more confidence in their day to day work."*

Ülle Helena Meren, Head of Pharmacy, East Tallinn Central Hospital

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### BD Cato Certifications:

- conformity of Quality System with EN/ISO 13485:2012+AC:2012 (certificate E204, TÜV Austria Services)
- conformity of Quality System with EN/ISO 9001:2008 (Certificate 20-100-143000288, TÜV Austria Services)
- conformity of BD Cato™ and BD Cato™ TPN with cGMP, GMP, GAMP and CFR21 Part11 (Certificate No. 2213991, TÜV SÜD Germany)

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