

DOSE  EDGE™
Pharmacy Workflow Manager

THE LEADING EDGE IN DOSE MANAGEMENT




Baxa



CONFIDENCE

“This is the first time that we’ve found a product that allowed me, as Director of Pharmacy, to go to bed at night and sleep soundly... because I now have a product where I know that I’m getting an excellent outcome for my patients.”

JACK BOND, MHS, RPh
Wesley Medical Center

DoseEdge manages the pharmacy workflow for selecting, compounding, inspecting, tracking and reporting of IV and oral doses. By providing significantly better records of the entire dose preparation and dispensing process, DoseEdge reduces compounding errors and improves pharmacists’ productivity.

SYSTEM BENEFITS

Patient Safety

- Integrated drug verification eliminates the primary cause of ‘wrong drug’ medication errors
- Automatic dose and dilution calculations ensure right dose, right concentration

Peace of Mind

- Step-by-step workflow ensures IV and oral dose preparation best practices
- Pharmacist CheckStation facilitates complete dose inspection and approval, anywhere on your health system’s intranet
- Digital images are captured at PrepStations for dose verification

Significant Savings

- Barcode tracking prevents drug waste due to lost and missing doses
- Label Processor increases productivity by sorting and distributing orders to workstations
- Management reporting suite provides a complete view of workload trends and efficiency
- Remote verification frees pharmacist time for clinical activities

“The IV room prior to DoseEdge was really a totally human, non-automated production line – a lot of manual sorting, manual calculation. This eliminates all of that and makes the IV room much safer and run much more efficiently.”

MICHAEL CULLIGAN
Director of Pharmacy
St. Francis Medical Center

DOSE PREPARATION

Components:

IV PrepStation™

Workstation for IV drug preparation. *To the right is an example of the 10 simple steps to create an IV dose.*

Oral PrepStation

Workstation for preparing oral, enteral, topical and other non-IV drugs

Chemo PrepStation

Workstation for hazardous drug preparation

Parenteral Nutrition (TPN) PrepStation

Workstation for parenteral nutrition preparation



1. Doses queued according to type and urgency (STAT, first doses, batch, etc.)



2. Dose selected for processing



3. Label(s) printed



4. Product(s) scanned



5. Dose label scanned



6. Product(s) drawn



7. Product(s) picture taken



8. Product(s) compounded as needed



9. Label applied and dose picture taken



10. Dose label scanned

DOSE CHECKING

Components:

Pharmacist CheckStation™

Workstation for dose inspection and approval or rejection



1. Pharmacist reviews dose at Pharmacist CheckStation



2. Pharmacist sees each product used to prepare the dose and the high-resolution dose images taken during preparation



3. Options for dual-pharmacist and/or in-line checking... pharmacist can approve, reject or request rework

DOSE MANAGEMENT

Components:

Status Board

Display for pharmacy workload status

SortStation™

Workstation for sorting doses for distribution

ScanStation™

Any station where doses or products can be scanned to log their location

Situation Board

Situation Board shows dynamic view of current IV room status and workload



1. Status Board shows doses as they move through the phases of queuing, preparation, approval and distribution.



2. Dose is sorted for delivery at SortStation.



3. Situation Board shows dynamic view of current IV room status and workload.

DoseEdge gives you confidence that you have the right drug and the right dose every time.

COMPONENT

CAPABILITIES

Label Processor and Local Database Cache Server	IV/Oral/Chemo/TPN PrepStations	Status Board	Pharmacist CheckStation	SortStation	DoseEdge Central Database Server	FormularyPlus™
<ul style="list-style-type: none"> • Receives all dose information from pharmacy system • Continuously updates and sorts doses to be produced • Integrated formulary provides alerts for high-risk or short-effectiveness drugs • Sorts and distributes dose orders to proper workstations 	<ul style="list-style-type: none"> • Integrated barcode scanning matches correct product(s) to correct patient doses and detects potential errors • Tracks and identifies all intermediates produced – such as reconstituted drugs • Provides photographic dose verification and audit trail including lot numbers, expiry dates, etc. as needed • Captures digital images for complete dose inspection to be done remotely • Incorporates a flexible, best-practices dose preparation workflow • Automatic dose calculations 	<ul style="list-style-type: none"> • Available anywhere on health system's intranet • Real-time updates of dose status and IV room and oral prep area workload • Continuous view of doses to be compounded and doses in process • Displays queue, time to next dose due and remaining time to compound doses with short-effectivity 	<ul style="list-style-type: none"> • Available anywhere on health system's intranet • Facilitates complete dose inspection and approval • High-resolution digital images of all products utilized – double-checked via barcode scan • Continuous updates with full audit trail for each dose prepared 	<ul style="list-style-type: none"> • Touchscreen or standard mouse/ keyboard user interface • Barcode scanning identifies doses that have been approved at Pharmacist CheckStation • Doses that fail inspection are identified and automatically re-queued • Final approval label is printed only for approved doses 	<ul style="list-style-type: none"> • Securely backs up local server/cache • Complete management reporting suite provides a total view of IV room workload trends, efficiency • Can be configured to provide reports on multiple IV rooms and/or oral preparation areas within a health system, and also health systems within a network 	<ul style="list-style-type: none"> • Houses information about drugs and products required to plan doses • Defines procedures and actions required to prepare products and doses • Applies expiration profiles to determine the beyond-use date for a given dose • 14,000 bar codes updated frequently with the most current information available

“We now have the ability to queue...and keep our work in order, know when things are due, know when things are stat.”

TINA N.
Pharmacy Clinical Specialist

Join the many confident pharmacists who have used DoseEdge to process millions of safe doses. Simply call your Baxa representative to get started, or visit us online at br.doseedgeoffers.com to learn more.

For more information, visit www.baxa.com/doseedge

For a product demonstration, call 800-567-2292

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