

Drug Product Accuracy Scan Process

- This systemic process matches the bar code on the manufacturer package to the bar code on a patient's prescription label receipt. This scanning process minimizes the possibility of dispensing the wrong drug or wrong strength of a drug to a patient.



In 2006, we significantly enhanced our computer systems and process used by our Pharmacists to perform final verification of a prescription order

System enhancements included but were not limited to;

- a. Improving the layout and presentation of prescription information so that it appears on the screen in an easy to read, organized and logical manner
 - Pharmacists are provided scanned images of the prescription hard copy so they can make comparisons against the information that is typed on a patient's label
- Enhancing critical messaging for pediatric and geriatric prescription dosing
 - Enhancing our review process for monitoring interactions such as drug to drug, disease to drug, drug allergy, pediatric and geriatric dosage issues, duplicate therapies and pregnancy warnings.
 - Improving the final check process itself, with new process features that include:
 - Using two screens when completing the final check
 1. Screen one focuses the pharmacist on verifying all type written label information against a scanned image of the prescription hard copy and;
 2. Screen two focuses the pharmacist on reviewing drug, disease and allergy interactions as well as ensuring the correct medication product is verified prior to dispensing. The product is physically checked against an enlarged system color image of what the intended product should look like.
 - An electronic scanned image of the original prescription hard copy appears each time the prescription is filled and/or refilled
 - Patient age and DOB both appear in the system verification process to help our pharmacists identify sensitive dosing issues for pediatric or geriatric patients
 - To further support our pharmacists in identifying pediatric and infant patients we have included special warning messages for our pharmacists:
 - If a patient is age 14 or under, the age is displayed in years and the word "PEDIATRIC" appears and is displayed in red font on all pharmacist verification screens
 - If the patient is age 2 or under, the age is displayed in months and the word "INFANT" appears and is displayed in red font on all pharmacist verification screens
 - High alert drug messaging
 - Our system displays warning messages for drugs that look or sound alike, as well as drugs that have sensitive dosing ranges.
 - And to further ensure the correct medication is accompanied by the correct label when completing an order, our system requires our pharmacists to double bar code scan the prescription receipt with the correct prescription vial

Quality Assurance Screens

<p>CVS/pharmacy Date/Time: 2/21/07 4M</p> <p>Name: CHRIS SMITH DOB: 8/10/98 Infant/Pediatric: Phone: 401-555-1234 Address: 123 MAIN ST. WOODSOCKET, RI 02895 Allergies: NKA</p> <p>Rx AMOXIL 400MG CHEWABLE # 20 CHEW AND SWALLOW T Q 12HRS FOR 10 DAYS.</p> <p>Indication: OTITIS MEDIA ECHO Drug Name R Strength D Directions Refills: 0</p> <p>PRODUCT SELECTION PERMITTED BRAND MEDICALLY NECESSARY DISPENSE AS WRITTEN JAMES SMITHSON</p> <p>Phoned in by: GEORGE Voice Mail <input type="checkbox"/> Phone: 401-555-1111 DEA or State license number: BS 1357921 Address: 1 MAIN ST. WOODSOCKET, RI CVS Staff Initials: JS</p>	<p>Patient: SMITH, CHRISTOPHER T. Male DOB: 8/10/98 Fill = 00 8 years PEDIATRIC</p>
	<p>Drug: AMOXICILLIN 400 MG TAB CHEWRAN Strength: 400 MG DAW: 0 Substituted for: AMOXIL 400 MG TABLET CHEW GSK</p>
	<p>CHEW AND SWALLOW 1 TABLET EVERY 12 HOURS FOR 10 DAYS</p>
	<p>Dispensed Qty: 20 Days Supply: 10 Prescribed Qty: 20 Refills: 0</p>
	<p>VERIFY DRUG NAME: Look alike / Sound alike for AUGMENTIN</p>
	<p>Prescriber: SMITHSON, JAMES Phone: 401-555-1111 DEA: BS1357921</p>

Sig (L)ang, (Z)oom, (Q)uit or – Verify data entry and Scan Rx vial barcode to continue.____

<p>Verification Initials_____</p>	
	<p>This is a(n) LIGHT PINK, ROUND-shaped CHEWABLE TABLET imprinted with RX761 on the front</p>
	<p>Drug: AMOXICILLIN 400 MG TAB CHEWRAN NDC: 63304-0761 - 20</p>
	<p>Pat: SMITH, CHRISTOPHER T. Male 8 years PEDIATRIC Prescr: SMITHSON, JAMES PH: 401-555-1111</p>

(Print DUR, View Agency & Info (DUR), (F5) Profile View, (A)dd DUR Comment, (E)dit, (C)ancel Fill
 (V)iew hard copy image, (E)nter RPh initials to complete verification, (Q)uit