

MED MANAGEMENT TECHNOLOGY

Linking Pharmacies with Facilities

QuickMAR[®]/Interface Test and Training Plan

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1 Overview

With each new pharmacy interface used in QuickMAR, there are a set of test cases that must be performed in order to validate the interface and clear it for release to production. This document is intended to describe in detail all of the scenarios that are supported by the QuickMAR import interface. Some pharmacy systems may not support all scenarios in this document, so those can be safely skipped where appropriate. Items marked with a ‘†’ are only supported by some interfaces, so the data may not transfer completely.

To complete these tests successfully, you may need to refer to the ‘QuickMAR Interface Guidelines’ document for specific information on your interface. If you don’t have this document, please contact us at support@quickmar.com so we can send you a copy.

2 Patient Import Tests

2.1 Creating a new Patient

Test	Expected Result
1.1 Admit a new Patient with the following information provided: <ul style="list-style-type: none"> • First and Last Name • Date of Birth • Gender • Room # • Physician † • Allergies • Diagnoses † • Admission Date • Nickname † 	The new patient should appear in QuickMAR with all of the supported patient fields populated with their correct values.

2.2 Editing an existing Patient

If your interface is a scheduled interface (not real-time), it is recommended that you perform a manual update before proceeding so you can first confirm the results for section 2.1.

Test	Expected Result
2.1 Change the Patient Allergies and Diagnoses	The changes to Allergies and Diagnoses should be reflected in QuickMAR
2.2 Discharge the Patient	The patient should be flagged in QuickMAR as no longer active in the pharmacy system. Patient will not be Discharged automatically in QuickMAR.

3 Order Import Tests

3.1 Creating a new Order

Test	Expected Result
3.1 Create a new Medication Order for a patient with the following values specified: <ul style="list-style-type: none"> Title Instructions Form Strength Bar code Generic/Brand name equivalent † Diagnosis † 	New order should appear in QuickMAR
3.2 Create a new medication with the following items specified: <ul style="list-style-type: none"> Controlled/Narcotic Record Injection Site Sliding Scale Vital Result to record 	Order should be correctly imported to QuickMAR.
3.3 Create a new medication marked as 'supply'	The order should not be imported into QuickMAR
3.4 Create a new Vital Sign Order for a patient	The new Vital Sign should appear in QuickMAR
3.5 Create a new Treatment Order for a patient	The new Treatment should appear in QuickMAR
3.6 Create a new Informational Order (Ancillary or Non-charting order) for a patient	The new Informational Order should appear in QuickMAR

3.2 Editing an existing Order

If your interface is a scheduled interface (not real-time), it is recommended that you perform a manual update before proceeding so you can first confirm the results for section 3.1.

Test	Expected Result
4.1 DC a Medication, Vital, or Treatment order	The order should be DC'd in QuickMAR
4.2 DC an Informational Order	The informational order should be DC'd in QuickMAR
4.3 Update one or more of the following fields in an order: <ul style="list-style-type: none"> Start Date End Date (DC Date) Title Description Instructions 	The order should be correctly updated in QuickMAR
4.4 Perform a refill on an existing medication order without changing the RX number	The order should remain in QuickMAR, and any changes made to the order should be reflected.

<p>4.5 Perform a refill on an existing medication, changing the RX number.</p>	<p>Ideally, the interface will provide for the ability to ‘flip’ rx numbers, so the result should be that the existing order should remain active, and the RX number and Bar code should reflect their new values.</p> <p>Alternately, if ‘flipping’ isn’t supported by the interface, the existing order should be DC’d and the new order created in a manner that the orders do not overlap one another.</p>
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4 Schedule Entry

Not all schedules are supported by all pharmacy software systems. Please refer to the ‘QuickMAR Interface Guidelines’ document for more information. In each test below, you will need to create a new order with the schedule specified since QuickMAR does not support changing the schedule for an existing order via the interface.

Schedule	
5.1	Once a day
5.2	4 times a day
5.3	Once every Shift
5.4	PRN Medication
5.5	Every other day
5.6	Every week
5.7	Every week on a certain day of the week †
5.8	Every N weeks †
5.9	Every month
5.10	Every month on a certain day of the month †
5.11	Every N months †
5.12	Certain days of the week (e.g. Monday, Tuesday, Saturday)
5.13	Every N Days (e.g. Every 10 Days)
5.14	In a time range (e.g. 7A-3P)
5.15	Short term med (e.g. Give 1 TAB 3 times daily for 7 days)

5 Split Order Entry

Split orders are supported by all pharmacy software systems. Please refer to the ‘QuickMAR Interface Guidelines’ document for more information. In each test below, you will need to create a new order with the split configured as specified since QuickMAR does not support changing the splits and schedules for an existing order via the interface.

Schedule	
6.1	Split Sig with 2 routine splits that have different dosages. (e.g. Give 1 TAB AM and 2 TABS PM)

6.2	Split Sig with 2 routine splits that have different start/end dates †
6.3	Split Sig with 2 PRN splits. (e.g. Give 1 TAB as needed for Fever; Give 2 TABS as needed for Headache)
6.4	Split Sig with 1 PRN and 1 routine (e.g. Give 1 TAB AM; Give 1 TAB as needed)
6.5	Split Sig with Tapered Dosage (e.g. Give 1 TAB for 3 days, 2 TABS for 3 days, and 3 TABS thereafter) †

6 Questions?

If you have any questions about the contents of this document, please contact us at support@quickmar.com.