# NEXT Release Notes 2026.1.1

This release introduces enhanced BioTest–driven medication safeguards within EMAR, along with targeted CRM reliability improvements in NEXT.

For EMAR, we've expanded how BioTests interact with medications—allowing communities to configure clear, resident-specific condition rules that guide staff during Medication Pass. These enhancements deliver real-time recommendations based on the most recent valid BioTest results, helping ensure medication decisions are aligned with prescriber intent while maintaining clinical flexibility.

From configuration through administration, the workflow now supports validated ranges, structured recommendations, and required documentation when actions differ from system guidance—strengthening safety, consistency, and accountability at the point of medication administration.

In NEXT CRM, we've also delivered improvements to filtering within Activities and Prospect Review to ensure outreach and referral workflows operate smoothly and reliably.

## Contents

## BioTest Parameters

### Special Conditions for Medications with BioTests

We've enhanced medication configuration to allow special conditions to be defined when linking BioTests to medications. This update helps guide staff during Medication Pass by providing recommended actions based on resident-specific test results.

**Configuration of BioTest Parameters**
We've introduced a resident-level workflow that allows Medication Managers (and above) to link a medication to a BioTest and configure validated condition rules in a single,

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streamlined interface. These rules power real-time recommendations during Medication Pass.

This enhancement supports safer, prescriber-aligned medication decisions driven by BioTest results.

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**Where to Configure**

**Navigation:**
From MAR Pass or Receive Orders:
BioTest window → Select Test → View Medications → Check Medication → Configure

Configuration is created at the **resident level** and applies to each individual Medication/Test combination.

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**Linking & Configure Button Behavior**
- Medications continue to be linked/unlinked in the resident BioTest window.
- When a medication is linked **and** the test contains a single test type, a **Configure** button appears.
- Configuration is only available for BioTests with a single test type.
  - o Multi-test panels (e.g., HR + BP + Respiration) are not eligible.
- Configurations persist even if a medication is later unlinked.
  - o Unlinking does not delete existing condition rules.



Selecting **Configure** opens the Configuration Modal.

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**Configuration Modal**
**Header:**
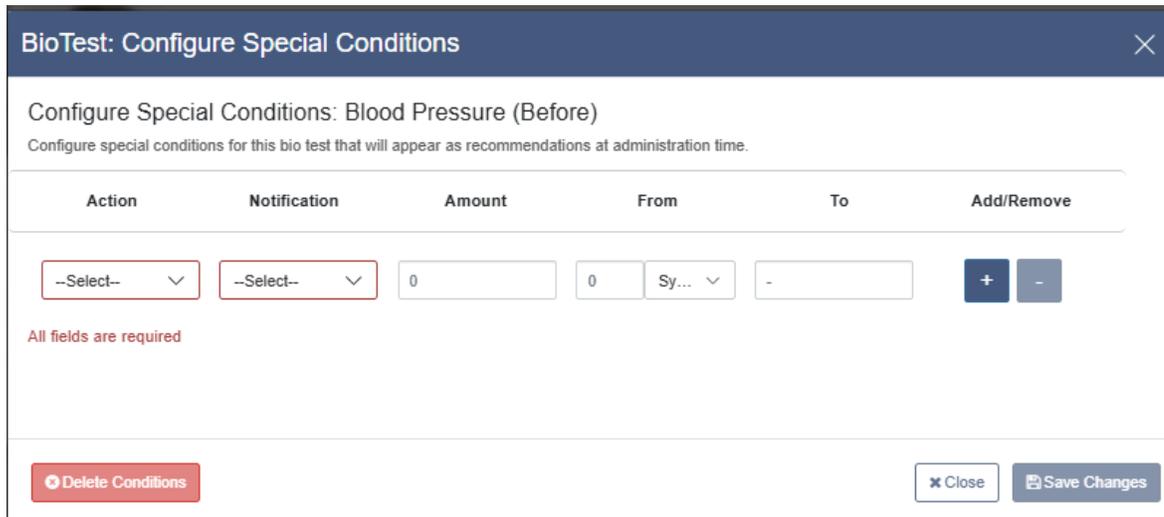*BioTest Parameters – [Test Type]*
When opened for the first time, one empty condition row is displayed.

**Columns**
- Action
- Notification
- Amount
- From
- To
- (Blood Pressure only) Systolic / Diastolic selector

**BioTest: Configure Special Conditions** ✕

Configure Special Conditions: Blood Pressure (Before)
Configure special conditions for this bio test that will appear as recommendations at administration time.

| Action | Notification | Amount | From | | To | Add/Remove |
|--------|-------------|--------|------|---|-----|-----------|
| --Select-- ∨ | --Select-- ∨ | 0 | 0 | Sy... ∨ | - | + − |

All fields are required

⊘ Delete Conditions          ✕ Close   💾 Save Changes

**Row Controls**
- **Add (+)** – Adds a new row (enabled only on the last row)
- **Delete (–)** – Removes the row immediately and triggers revalidation
- **Save** – Persists all changes and closes the modal

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**Condition Row Requirements**
Each row must include:
- **Action**: Give / Do Not Give / None
- **Notification**: None / Notify Nurse / Notify Doctor / Notify Supervisor
- **Amount**: Numeric (decimals allowed)
- **From–To Range**: Numeric range

For **Blood Pressure**, users must select **Systolic or Diastolic**, and each value is validated independently.

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## BioTest: Configure Special Conditions

### Configure Special Conditions: Heart Rate (Before)

Configure special conditions for this bio test that will appear as recommendations at administration time.

| Action | Notification | Amount | From | To | Add/Remove |
|--------|-------------|--------|------|-----|-----------|
| Do not give ⌄ | Notify Nurse ⌄ | 0 | 0 | 59 | + − |
| Give ⌄ | None ⌄ | 1 | 60 | 100 | + − |
| Give ⌄ | Notify Nurse ⌄ | 1 | 101 | - | + − |

🛇 Delete Conditions                                    ✖ Close   💾 Save Changes

## BioTest: Configure Special Conditions

### Configure Special Conditions: Blood Pressure (Before)

Configure special conditions for this bio test that will appear as recommendations at administration time.

| Action | Notification | Amount | From | | To | Add/Remove |
|--------|-------------|--------|------|---|-----|-----------|
| Do not give ⌄ | Notify Nurse ⌄ | 0 | 0 | Sy... ⌄ | 90 | + − |
| Give ⌄ | None ⌄ | 1 | 91 | Sy... ⌄ | 145 | + − |
| Give ⌄ | Notify Nurse ⌄ | 1 | 146 | Sy... ⌄ | - | + − |

Systolic
Diastolic

🛇 Delete Conditions                                    ✖ Close   💾 Save Changes

## Range Rules & Validation

Validation occurs in real time as values are entered.

Invalid fields are outlined in red. Save is disabled until all rows are valid.

Rules include:

- Inclusive boundaries (80–100 includes both 80 and 100)
- No touching ranges (100 → next must start greater than 100)
- No overlaps
- Full coverage from minimum to maximum values
- Open-ended bounds allowed:
  - First row "From" may be blank (implies minimum; displays grey 0 placeholder)
  - Last row "To" may be blank (implies maximum; displays grey - placeholder)

Save becomes enabled only when:

- All required fields are complete
- No gaps exist

- No overlaps exist
- Full value coverage is achieved

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**Amount Behavior**

When creating rows:
- Amount defaults to **0** and remains editable.
- For "Do Not Give," Amount defaults to 0.
- Amount must be explicitly reviewed and confirmed during setup.

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**Unsaved Changes Protection**

If a user attempts to close or navigate away with unsaved edits:

"You have unsaved changes. Are you sure you want to leave?"

Options:
- Discard Changes
- Cancel

**Key Benefits**
- Enables safe, BioTest-driven medication decisions
- Prevents gaps and overlaps before configuration can be saved
- Provides reliable rules that power Medication Pass alerts and dosing guidance
- Reduces reliance on interpretation of instructions

## Medication Pass Alerts for BioTest Special Conditions

This enhancement helps ensure Med Providers and above have clear, actionable information at the point of medication administration while maintaining flexibility in documentation workflows.

**Medication Pass: BioTest Recommendations & Administration Workflow**

We've enhanced Medication Pass to deliver clear, real-time medication recommendations based on configured BioTest conditions — now fully integrated with the administration workflow.

When enabled, the system evaluates the resident's most recent valid BioTest results and presents a recommendation modal before administration is completed. This supports safe, consistent, data-driven decisions at the point of medication administration.

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**When the Recommendation Appears**

The recommendation modal is triggered when a user clicks **Administered** on a medication that:
- Has a linked BioTest with configured conditions
- Has valid BioTest results available for evaluation

If required BioTests have not yet been completed:

- The existing **BioTest "Before"** window appears.
- Once the final required test is completed and saved, the window refreshes to display the recommendation immediately.



If no linked BioTest configuration exists, the system proceeds with normal administration without displaying a recommendation.

**Recommendation Modal Overview**
The modal displays a read-only grid summarizing:

- Test type name(s)
- Result value(s)
- Timestamp(s)
- Matched From–To range (and Systolic/Diastolic when applicable)
- Recommended Action (Give / Do Not Give / None)
- Recommended Amount
- Notification instruction (e.g., Notify Doctor)

**BioTest: Condition Recommendations** ✕

| Test Type | Test Result | Completed At | Range | ▲ Action | Amount | Notify |
|-----------|-------------|--------------|-------|----------|--------|--------|
| Heart Rate | 100 | 02/12/2026 16:24 | 60-100 | Give | 1 | None |

First  <  **1**  >  Last                                                                      Showing 1 To 1 of 1

Administration Data

| 1625 🕐 | Amount | 1 | Wasted | 0 | Note |

✕ Do not administer          💾 Sign as administered

**Multiple Recommendations**
- Each recommendation appears on its own row.
- If any recommendation indicates **"Do Not Give Medication,"** it appears at the top in red text.
- Multiple "Do Not Give" results are sorted by most recent timestamp.

| Test Type | Test Result | Completed | Range | Action | Amount | Notify |
|-----------|-------------|-----------|-------|--------|--------|--------|
| HR | 110 BPM | 10/25/2025 15:33 | 90-120 BPM | Do not give medication | 0 | Supervisor |
| OSat | 99% | 10/25/2025 15:32 | 95-100 % | None | 1 | None |

The system uses the most recently completed valid result for each required test type.

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**Administration Form Within the Modal**
When enabled via feature flag:
**Administration Data Section**
Fields displayed:
- **Time** (defaults to current time)
- **Amount** (defaults to recommended amount)
- **Wasted** (defaults to 0)
- **Note** (optional; placeholder text shown)

The recommended amount automatically populates into the Amount field but remains editable.
The **Sign as Administered** button is enabled only when all fields contain valid values.

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**Conflict Detection & Required Reason**

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If entered administration data conflicts with the recommendation, the system requires a reason before proceeding.

A conflict occurs when:

- A recommendation states **"Do Not Give Medication"**, or
- The entered **Amount** differs from the recommended amount

When a conflict exists:

- A required **Reason** field appears below the administration fields
- A warning label displays:

"Administration data conflicts with the recommended action. Please enter a reason to proceed with administration."



**BioTest: Condition Recommendations**

| Test Type | Test Result | Completed At | Range | ▲ Action | Amount | Notify |
|---|---|---|---|---|---|---|
| Heart Rate | 100 | 02/12/2026 16:24 | 60-100 | Give | 1 | None |

First  <  **1**  >  Last                                          Showing 1 To 1 of 1

**Administration Data**

| 1625 🕐 | Amount | 2 | Wasted | 0 | Note |

Reason

Administration data conflicts with recommended action. Please enter a reason to proceed with administration.

✖ Do not administer     💾 Sign as administered

Reason requirements:

- Minimum 5 characters
- Maximum 100 characters
- Mandatory while visible

The Reason field appears and disappears dynamically based on user input.

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**Action Buttons**

**Sign as Administered**

When clicked:

- If the order is standard: Administration saves and the modal closes.
- If the order is High Alert: A High Alert warning appears. Upon acknowledgment, the administration saves and all modals close.
- Second Signature workflows follow current system behavior.

**Do Not Administer**

If the recommendation is to not administer the medication, the amount should be set to 0. The user will then be directed to click "Do not administer". This selection:

- Closes the modal.
- Returns the user to the MAR Pass screen.
- No administration data is saved.
- User can document medication as Not Administered with reasoning.



**Behavior Highlights**
- The modal appears every time **Administered** is clicked (when conditions apply).
- Recommended amounts default automatically into the administration fields.
- Users may override recommendations but must document a reason when required.

**Pop & Dot (Administer All Popped) Behavior**
When using **Pop & Dot** (Administer All Popped), the system now checks for triggered BioTest Conditions before automatically administering medications.
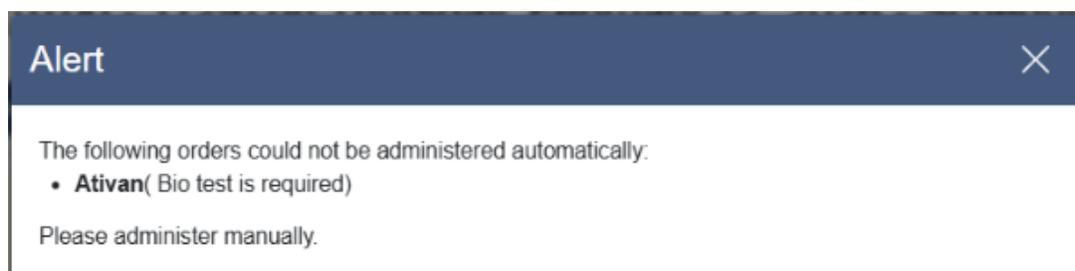**If no BioTest Conditions are triggered:**
- Administration proceeds as usual.

**If BioTest Conditions are triggered for one or more popped medications:**
- Those medications will **not** be auto-administered.
- An alert appears.

**Alert** ✕

The following orders could not be administered automatically:
- **Ativan**( Bio test is required)

Please administer manually.

- The alert lists the affected medications.
- When the alert is closed, the impacted medications remain popped but are not administered.
- The Med Provider must open each medication individually to complete administration through the Recommendation modal.

This ensures medications requiring BioTest review cannot bypass the standardized recommendation workflow, while preserving existing Pop & Dot functionality for all others.

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**Safety & Consistency Benefits**
- Delivers real-time, medication guidance
- Reinforces care protocols across communities
- Prompts additional review when documentation differs from recommendations
- Maintains flexibility for clinical judgment while ensuring accountability

## CRM Fixes

We've made two updates in NEXT CRM to improve reliability when filtering and reviewing outreach activity and leads.
- **CRM Activities – Activity Owner filter**
  Filtering the **Activities** page by **Activity Owner** now works as expected, allowing users to view activities assigned to themselves (or other owners) without encountering an error alert.

- **Prospect Review – Referral Status filter (A Place for Mom leads)**
  The **Referral Status** filter in **Prospect Review** has been improved so selecting **All** (and related statuses such as **Accepted**, where applicable) consistently displays APFM leads across communities without triggering an error alert.