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## Medtech32 Version19.0 Overview of Core Application Changes

This document provides an overview of the core application changes that have been made to Medtech32 in Version 19.0.

### Medication & Prescribing Enhancements

#### Browse Medications

A new menu **Browse Medication** has been added to the Module ► Clinical menu. This will allow the provider to directly access the “Drug Browse” screen and enable search and browse through all medications.

#### Medical Warnings

##### Drug Class Medical Warnings

The “Interaction Class” option has now been removed and **Drug Class** has been added.

After upgrade to Version 19.0 the following options will be available for recording Medical Warnings for patients:

- Drug Class
- Generic Group
- Note Only

As part of the upgrade process to Version 19.0, MIMS have provided a mapping process, and where possible Interaction Class warnings will be converted to either their equivalent Drug Class or Generic Group warnings.

In some instances it will not be possible to map an Interaction Class to a Generic Group or a Drug Class. In these instances the Interaction Class warning for the patient will be converted to a Note Only record with RX Warning selected.

##### Un-Mapped Medical Warnings Report

A report has been provided for practices to run after upgrade which will identify every patient that has unmapped Medical Warnings.

This report can be run by selecting Utilities > MIMS Prescribing Tools > Medical Warnings Unmapped Items.

##### No Known Allergies

A new “Medical Warning” type of **No Known Allergies** has been added.

This option will only be present in the Medical Warning Type drop-down list, if the patient has no ACTIVE “Medical Warning” types, other than **Notes (without RX Warning ticked)**.

## Conversion of No Known Allergies Utility

A utility is provided for practices to convert their existing “**Note Only**” entries for **No Known Allergies** (NIL, NA, Nil, Unknown etc) in the **Patient Medical Warning** screen to the “Medical Warning” type of **No Known Allergies**.

This report can be run by selecting Utilities > MIMS Prescribing Tools > Conversion of No Know Allergies

## No Known Allergies Indicator

In addition to the “Medical Warning” type of **No Known Allergies** – the patient palette will provide a visual indicator to the user as to currently selected patient’s allergy status.

The allergy status indicator will take the form of **A-<allergy status>** ie: **A-?**, which will be displayed after the Provider initials on the palette.

## Drug Search

The Drug Search screen has been enhanced to include additional search filters

- Exclude Unsafe in Pregnancy
- Exclude Banned in Sport
- Subsidised Drugs Only
- Therapeutic Options
- Generic Synonyms

## New Patient Medication

### Administer Field

A new field ‘**Administer**’ has been added to the **Patient Medications** screen.

When selecting a medication the Administer field will automatically display one of four options: “Systemic”, “Topical”, “Oral” or “Inhalation” based on the MIMS data provided for the selected medication.

The user will be able to manually alter the value selected in the “Administer” field and the **interaction warnings** will vary based on the Route of Administration selected.

### Granular Prescribing

The Granular Prescribing Direction screen will provide the same functionality that providers have now where the Dosage and Frequency selected in the Granular fields will complete the Directions automatically for the user.

However, to avoid there being a mis-match between the granular fields and the directions field which can occur if the users updates the directions but not the granular fields, the Directions when entered in Granular Prescribing mode are disabled and cannot be edited.

## Prescribing Generic or Brand

### Generic Components

For any drug selected which has *less than or equal to two Generic components*, the **Generic** button in the **Drug Search** screen will be active.

The **Generic** components for the selected drug will be displayed when the user **right clicks** on the selected medication and **selects** the **Generic Group**.

The user can select a **Generic Component** from the Generic Group list which will automatically refresh the Drug Search screen and display the **Advanced Tab** with the selected **Generic Component**.

### Prescribing Generic

If the user selects the **Generic** button instead of "OK", the generic components will be displayed in the **New/View Patient Medication** screen with the strength displayed after each generic name rather than the Brand Name.

### Prescribing Brand

If the user selects the **Brand** button instead of "OK", the Brand Name will be displayed in the **New/View Patient Medication** screen rather than the Generic Component.

## Prescribing Old Medications

### Patient Medications List

Medications that have been prescribed to a patient that are in the Providers/Practices Personal Medication List or Drug Database and are old MIMS/Pharmac Drugs will be displayed in Italics in the Patient Medications List.

### Repeating Old Medications

When a medication is selected to be repeated for a patient that has been identified as an old medication (shown in Italics in the Patient Medication Screen) an "**Old Medication Prescribed**" warning message will be displayed

When **OK** is selected, the **Drug Search** window is displayed with the name of the old drug in the **Drug Name** field, with a list of alternatives to the old medicine.

When the user selects an alternative drug and clicks the **OK** or **Generic/Brand** button, the **New Patient Medication** screen will be displayed with the selected medication.

## Specialist Recommended Drugs

Any drug that is a specialist recommended drug, will display **Specialist Recommended** in red next to the "Repeats" field.

For **Specialist Recommended Drugs**, two new fields: "**Specialist Name**" and "**Date Endorse**" - will be displayed in the **New Patient Medication** screen.

## Drug Interactions and Warnings

### Drug Interactions

#### New Interaction Checking Values

Interactions for drugs will now also be display based on the new data fields relating to **Route of Administration, Severity, Level of Documentation and Cross Sensitivity**.

Cross Sensitivity checking will allow drugs of different generics, which have similar allergenic properties, to be grouped into "**Substance Classes**" to create "allergy cross-sensitivity relationships".

### Display of Interaction Warnings

#### Interaction Warning Text

The format of the Interaction Warning Text in some circumstances has been altered

#### Number of Interaction Warnings

The Interaction Warning section of the New/View Patient Medication screen will now provide users with the ability to see up to 8 Interaction Warnings at a time without scrolling the list.

The Interaction Warning section will now show by default three lines or less, and once the list of interaction warnings is greater than three the screen section will dynamically expand.

Once the list shows 8 interaction warnings, the user will be required to scroll to see the remainder of the warnings

The Interaction Warning section of the screen will also identify to the user how many interactions there are for a patient that need to be reviewed.

### Interactions and Warnings Confirmation

The Display Interaction Warning Message option will be enabled by default for all providers on upgrade to Version 19.0 with the Display all Interaction Warnings option selected.

Three Interaction Warning Message options are available for selection, with the Display all Interaction Warning messages defaulted to selected.

- Display all Interaction Warnings
- Display Drug to Drug Interaction Warnings Only
- Display Drug to Allergy Interaction Warnings Only

When selected, these options will provide the user with an additional Interaction Warning message screen when continuing to prescribe a medication for a patient that has active Interaction Warnings.

### Interaction Information Sheet

The Interaction information sheet has been updated to include **Severity** and **Level of Documentation** information.

## Other Enhancements

### Graphing Screening Terms

Users are now able to graph multiple screening terms for a patient to review trends in screening values.

Graphing of Screening Terms is completed using the same process as graphing Inbox items.

### Clinical Audit Tool

The Medtech Clinical Audit Tool is now available with Medtech Version 19.0


**The Medtech Clinical Audit Tool requires registration to work with the Medtech application. Please contact Medtech Sales on 0800 2MEDTECH (633 832) for further information.**

To enable the integration of the Medtech Clinical Audit Tool with Version 19.0 a new menu item called 'CAT' has been added to Medtech32.

This menu provides access to all of the Medtech Clinical Audit Tool functionality and setup screens.

## ManageMyHealth

### Toolbar

The functionality for the ManageMyHealth toolbar icon  has been altered to the following:

Where a patient is **NOT** on the patient palette:



represents a practice IS registered with ManageMyHealth



represents a practice is NOT registered with ManageMyHealth

Where a patient **IS** on the patient palette:



represents a patient IS registered with ManageMyHealth



represents a patient is NOT registered with ManageMyHealth

### ManageMyHealth Menu Changes

Changes have been made to the ManageMyHealth menu item, and a number of functions have been re-ordered or combined to provide better workflow for users of ManageMyHealth.