





Medtech Evolution Patient Medications (BPACNZRx) Integration User Guide

Version: 4.0 Release Date: July 2021



CONTENTS

| Patient Medications | 3 |
|--|----|
| Mapping MIMS Medications to NZF Medications | |
| Steps to remap a Medication record when selected for repeating | 4 |
| New Patient Medication | 8 |
| NZF Drug Terms | 9 |
| Drug Search | |
| Section 29 Drugs | 15 |
| Brand Only Medication Prescribing | 16 |
| Controlled Drug Printing | 17 |
| Printed Prescription Format Changes | 19 |
| Monographs | |
| Interactions | |
| | |

Patient Medications

Mapping MIMS Medications to NZF Medications

Patient ► Medications

Following activation of BPACNZRx, existing MIMS Medication records for a patient will be mapped and converted to the equivalent NZF Medication records. Where the existing MIMS Medication records are unable to be mapped and converted, the patient Medications will be retained in the Patient Medication list. They will, however, be displayed in italic font and will be unable to be automatically repeated for the patient.

| Pati | ent Medications | | | | | x |
|------|-----------------|--|-------|-----|------------------------------------|---|
| Rep | Date | Drug Name | SA No | Qty | Directions | ^ |
| | 05 May 2020 | Lantus Solostar - Insulin Glargine 100 Internation | | 12 | 50 units in the morning | |
| | 02 Aug 2013 | Citalopram 20mg Tab | | 30 | one a day | |
| | 02 Aug 2013 | Perhexiline Maleate 100mg Tab | | 11 | 1.5 tabs, Once Daily started by h | 1 |
| | 02 Aug 2013 | Isosorbide Mononitrate 60mg Controlled Release | | 14 | 2 tabs, at night started by cardio | , |
| | 02 Aug 2013 | Ezetimibe 10Mg;Simvastatin 10Mg Tab (10/10 m | 5 | 7 | 1 tabs, Once at nightytarted at l | |
| | 02 Aug 2013 | Aspirin 100mg Enteric coated Tab | | 7 | at night | |
| | 02 Aug 2013 | Cilazapril 2.5mg Tab | | 7 | 1 tabs, Once Daily ATNIGHT | |
| | 02 Aug 2013 | Diltiazem Hydrochloride 120mg Once Daily Contr | | 7 | 1 caps, Once Daily started in pla | |
| | 02 Aug 2013 | Epilim Ec Tablets - 200Mg Enteric Coated Tab | | 60 | 1 tabs, at night for a week then | 1 |
| | 30 Jul 2013 | Ferro-Tab - 200Mg Tab (Equiv. Fe 65 Mg) | | 90 | 1 tabs, Once Daily | |
| | 03 May 2013 | Quetiapine 100mg Tab | | 30 | 1 noct | |

The mapping of the existing MIMS Medication records to new NZF based Medication records is a pre-requisite for BPACNZRx prescribing when repeating medications to ensure that during the repeating process a Medication for a patient can be successfully recorded and that all related Medical Warnings are displayed appropriately during prescribing of related medications.

Important Note - Repeating un-mapped (italic) Patient Medications

All existing MIMS based Medication records selected for repeating for a patient that are unmapped must be reclassified to the equivalent NZF Medication during the repeat prescribing process to avoid potential prescribing errors.

Please be aware that any patient Medications that are displayed in italics are not recognised by the Drug-to-Drug Interaction checks performed when prescribing.

Selecting to repeat an existing MIMS based Medication (or multiple Medications) that requires mapping to an NZF based Medication (medication displayed in italics) will require you to check and complete the following actions:

1. Select patient Medications to Repeat

Select an existing MIMS based Medication (or multiple Medications) to repeat for a patient that requires mapping to an NZF based Medication. The existing MIMS based Medications that require mapping are those that are displayed in italics in the Patient Medication list.

| Pati | ent Medications | | | | |
|------|-----------------|--|-------|-----|-------------------------------------|
| Rep | Date | Drug Name | SA No | Qty | Directions |
| | 21 Sep 2010 | Diclofenac Sodium 75mg Long-acting Tab | | 60 | 1 tabs, Once Daily |
| | 21 Sep 2010 | Combivent Metered Dose Aerosol - Inhaler 200Do | | 2 | 2, As Required |
| | 21 Sep 2010 | Fluox - 20Mg Cap | | 30 | 1 caps, alternate day for the first |
| | 21 Sep 2010 | Emulsifying OintmentBp Oint | | 300 | As Required |
| | 21 Sep 2010 | Ibuprofen 200mg Tab (blisterpack) | | 60 | 2 tabs, Three Times Daily max,, |
| | 21 Sep 2010 | Habitrol Gum - 4Mg Chewing Gum (Fruit) | | 384 | use when needed |
| | 21 Sep 2010 | Amoxicillin 500mg Cap | | 15 | 1 caps, Three Times Daily |

2. Use the Drug Map screen to identify the closest NZF based Medication

On trying to repeat an existing MIMS based patient Medication (displayed in italics), the closest NZF based Medication matches will be listed for selection.

| Patient Me | dicatione | New Consultation | Medical Warnings | | | | | |
|---------------|--------------|------------------------|--------------------------|------------------------|-----------------|----------|-----------------------------|-------------|
| Rep Date | | Drug Name | Modeal Warnings | SA No | 0 | tv | Directions | Repeats |
| 09 Fe | ь 2009 | Diclofenac Sodiu | m50mg Entericcoated | d Tab | 6 | 50 | 1 tabs, Twice Daily | 0 |
| 🔅 Old Me | edication F | rescribed | | | | | | × |
| | | | | Warning | | | | |
| | | | Diclofenac S | odium 50mg Ent | eric coated 1 | Tab | | |
| | | т | his Medication is fron | n the old database | and can not b | e pres | cribed. | |
| | Plea | ise select a new med | lication from the list o | of alternatives belo | ow or click 'Se | arch' to | o select from the full drug | g list. |
| 🗹 Сору р | prescribing | details from old med | lication | | | | | |
| SA Drugs: | | Sub: 🗌 🛛 🕜 E | xclude drugs prohibit | ed in sports at all t: | imes 🗌 | Insel | ected sports 📃 🛛 Ir | Competition |
| Brand/Gene | eric | | | Form | | Bra | and | Sub |
| Apo-Diclo Sr | - Diclofenac | Sodium 75 Mg Table | t: Slow Release | Tablet: | Modified Rel | APO | D-DICLO SR | |
| Apo-Diclo Sr | - Diclofenac | Sodium 100 Mg Table | et: Modified Release | Tablet: | Modified Rel | APO | D-DICLO SR | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Strength | | | | | PMI | Price | | |
| diclofenac so | odium 75 ma | tablet: slow release | | | | 22.800 | 0 | |
| diclofenac so | odium 100 m | a tablet: modified rel | ease | | | 25.150 | 0 | |
| | | | | | | | - | |
| | | | | OK Ger | neric Se | earch | NZE Ca | ncel Help |
| | | | | | | | | |

Select the most suitable NZF based medication and strength (if it is not the one that has been selected automatically for you).

The checkbox 'Copy prescribing details from old medication' is ticked by default to preserve dosage, frequency, period, mitte and classification values in the existing MIMS based patient Medication record.



(OR)

2. Use the Drug Search screen to identify the closest NZF based Medication

If there are no suitable NZF based Medication matches, then the **Drug Search** window can be launched by clicking the 'Search' button at the bottom of the Drug Map screen.

| Strength | | PML | Price | | | |
|---|----|---------|---------|-----|--------|------|
| diclofenac sodium 75 mg tablet: slow release | | | 22.8000 | | | |
| diclofenac sodium 100 mg tablet: modified release | | | 25.1500 | | | |
| | | | | | | |
| | ОК | Generic | Search | NZF | Cancel | Help |
| | | | | | | |

Select the most suitable NZF based medication and strength.

| 🌼 Drug Search | | | | | | | Х |
|--|----------------------|---------------------|----------|-----|-------------|--------------|---|
| Quick Advanced | | | | | | | |
| Drug Name: QUETIAPINE | | | Search | | | | |
| Personal O Brand/Generic | | | | | Includ | de Inactive: | |
| Exclude drugs prohibited in sports at all time | es 🗌 In selected spi | orts 🗌 In Com | petition | |)[R | x Safety Inf | 0 |
| Brand/Generic | | Tablet: Film-Coated | OUETADEL | | | Sub | Ê |
| Quetiapine 25 Mg Tablet (Seroquel) | | Tablet: Film-Coated | SEROOUEI | • | | | |
| Ouetiapine 100 Mg Tablet (Ouetapel) | | Tablet: Film-Coated | OUETAPEL | - | | _ | |
| Ouetiapine 100 Mg Tablet (Seroquel) | | Tablet: Film-Coated | SEROOUEI | | | | ~ |
| Strength | Brand | | Price | PML | | | ^ |
| quetiapine 25 mg tablet | QUETAPEL | | 2.1500 | | | | |
| quetiapine 100 mg tablet | QUETAPEL | | 5.0600 | | | | |
| quetiapine 200 mg tablet | QUETAPEL | | 8.9000 | | | | |
| quetianine 300 mg tablet | ΟΠΕΤΔΡΕΙ | | 12 8600 | | | | ~ |
| | Prescribe OK | Brand | ADD | NZF | Cancel | Heli | D |

The checkbox 'Copy prescribing details from old medication' is ticked by default on the Drug Map screen which was opened prior to the Drug Search screen to preserve dosage, frequency, period mitte and classification values in the existing MIMS based patient Medication record.

Important Note - Selection of Medication Strength

Care must be taken if you are selecting a Medication with a different strength. If this occurs default prescribing details/instructions for the Patient Medication will need to be altered appropriately.

3. Save the change in Medication name

Once the selection of the most suitable NZF based medication and strength has been completed click on the OK button to save the change from the MIMS based Medication to the selected NZF based Medication.

| Strength | Brand | Price | PML | ^ |
|--------------------------------------|--------------|-----------|------------|------|
| diclofenac sodium 25 mg suppository | VOLTAREN | 2.4400 | | |
| diclofenac sodium 50 mg suppository | VOLTAREN | 4.2200 | | |
| diclofenac sodium 100 mg suppository | VOLTAREN | 7.0000 | | |
| | | | | Ý |
| | Prescribe OK | Brand ADD | NZF Cancel | Help |

The New Patient Medication screen will be displayed, presenting the selected NZF based medication.

| 🄅 New Patient N | ledicati | on | | | | × |
|--|----------|----------------------|---------------|---------------|--------------|-------------------|
| Main | | | | | | |
| | | | | | | GMS: A3 |
| Drug: | Diclofe | enac Sodium 100 Mg S | Suppository | | | |
| Mitte: | 7 | suppository | Period: | 1 week | - Amo | ount: 90.65 |
| Directions: | 1 per d | ау | | | | |
| Repeats: | 0 | | | | Op | otions 👻 |
| Administer: | local | | - 🗌 Adm | ninistered ir | l Clinic | |
| Initial Dispensing I | Period: | days | Prov | vider Eligibl | e for Co-Pay | yment |
| Provider: | Service | e provider (ANSS 🔻 | Pres | scribed Exte | ernally | |
| Date of Issue: | 05/05/2 | 2020 👻 | External Pro | vider: | | 1.1 |
| Classification: | | - | Prequent | t Dispense | Long | g Term |
| Medication Status | | - | Con | fidential [| Gene | eric Substitution |
| LT Rx Expiry: | | - | | | | |
| 1 | Reco | ommended by a Spec | tialist 🗌 Pat | tient meets | Endorseme | ent Criteria |
| Specialist: | | | Date R | Recommend | led: | * |
| Previous Drug: | | | | | | • |
| Interactions 1 Warnings Suppress Details | Pregn | ancy: Human Data Su | ggest Risk in | 1st and 3rd | Trimesters | : Pregnancy S |
| Add to Person | al | OK Anoth | er Can | ncel | NZF | Help |

4. Check and complete the Medication directions

Check and complete the administration directions for the selected NZF based medication to ensure that they are correct. Where possible the dosage, frequency, period and mitte values in the existing MIMS based patient Medication record will be displayed by default.

| New Patient Medication | | | | | | |
|------------------------|----------|--------------------|-------------|--------|---|---------------|
| Main | | | | | | |
| | | | | | | GMS: A3 |
| Drug: | Diclofe | enac Sodium 100 Mg | Suppository | | | |
| Mitte: | 7 | suppository | Period: | 1 week | • | Amount: 90.65 |
| Directions: | 1 per da | зу | | | | |

The 'Previous Drug' field will display the name of the previous MIMS based patient Medication that was selected before the change to the NZF based patient Medication.

| Previous Drug: | Diclofenac Sodium 50mg Enteric coated Tab |
|---|---|
| Interactions 1 Warnings Suppress D Details | Pregnancy: Human Data Suggest Risk in 1st and 3rd Trimesters: Pregnancy S |
| Add to Persor | al OK Another Cancel NZF Help |

5. Review Interaction Warning for the new Patient Medication

Once you have checked and completed the administration directions for the new Patient Medication review any Interaction Warnings that may be presented to you.

| Interactions 1 Warnings Suppress Details | Pregnancy: Human Data Suggest Risk in 1st and 3rd Trimesters: Pregnancy S |
|--|---|
| | |
| Add to Person | al OK Another Cancel NZF Help |

6. Save the change in Medication record

Once you have reviewed any Interaction Warnings for the new Patient Medication that may be presented to you click on the OK button to save the new NZF based Medication.

| Interactions 1 Warnings Suppress Details | Pregnancy: Human Data Suggest Risk in 1st and 3rd Trimesters: Pregnancy S |
|--|---|
| Add to Person | al OK Another Cancel NZF Help |

This will complete the repeating process for the Patient Medication and make it available for any further re-prescribing in the Patient's Medication list.

| Patient Medications | | | |
|---------------------|-------------|---|-------|
| Rep | Date | Drug Name | SA No |
| | 05 May 2020 | Voltaren - Diclofenac Sodium 100 Mg Suppository | |
| | 05 May 2020 | Paracare - 500Mg Tab | |
| | 10 Sep 2013 | Methadone Hydrochloride 5mg/1ml Oral Li | |

Important Note – Presentation on the Drug Map screen

The Drug Map screen will be presented for each of the patient Medications selected for repeating that are existing MIMS based Medication records that are yet to be reclassified to the equivalent NZF Medication. The process for mapping a patient Medication must be completed for each of the Medications one by one.

New Patient Medication

Patient ► Medications ► New Medication

When the prescriber opens the prescribing screen for the first time after migrating to BPACNZRx, and the selected patient has unmapped Medical Warnings the following warning message will be displayed when selecting to create a New Prescription:

| Corrective Action Required | × | | |
|---|---|--|--|
| There are Unverified Medical Warnings(s) associated to this patient. To ensure patient safety whilst prescribing please reclassify the warning (s) listed in <i>italics</i> or mark them Inactive if they are no longer applicable. | | | |
| Select Ok to re-classify patient Medical Warnings now or Cancel to cancel the prescribing process | | | |
| OK Cancel | | | |

If the selected patient has multiple unmapped Medical Warnings in their patient record, on clicking OK, the Medical Warnings grid will be opened automatically.

| Medical Warnings | | | | |
|------------------|---------------------------------|----------|-------------------------------|--|
| Date of Onset | Medical Warning | Severity | Note | |
| 13 Jan 2020 | (severe allergy to amoxicillin) | | severe allergy to amoxicillin | |
| 13 Jan 2020 | Menthol | | Generic | |
| 13 Jan 2020 | Quinine | | | |
| 13 Jan 2020 | Zinc | | | |
| 13 Jan 2020 | Acetaminophen | | converts to paracetamol | |
| 13 Jan 2020 | Albuterolsulfate | | >>salbutamol | |
| 13 Jan 2020 | (>>salbutamol) | | >>salbutamol | |

If the selected patient has a single unmapped Medical Warning in their patient record, on clicking OK, the View Medical Warning will be opened automatically.

| 🔅 View Medical Warning 🛛 🗙 | | | | | | |
|----------------------------|--|--|--|--|--|--|
| Main Audit | | | | | | |
| Date of Onset: | 13/01/2020 - | | | | | |
| OLD Type: | Generic Group | | | | | |
| Old Generic Group: | Diazepam | | | | | |
| OLD Note: | mild nausea | | | | | |
| For details to conv | ert old Medical Warning please open Help Icon 🎱 | | | | | |
| | | | | | | |
| Medication | ○ Other Substance ○ Other Important Note | | | | | |
| Generic Name | Alerting Group | | | | | |
| Generic Name: | Diazepam | | | | | |
| Severity: | ○ Mild ○ Moderate ○ Severe | | | | | |
| Note: | mild nausea | | | | | |
| | | | | | | |
| Provider: | Service provider (ANSS) | | | | | |
| Inactive: | | | | | | |
| | OK Cancel Help | | | | | |

On clicking Cancel, the prescribing process will be cancelled, and the warning message will be closed.

Important Note – Medical Warning Mapping

All existing MIMS based Medical Warnings for a patient that are unmapped must be reclassified to the equivalent NZF Medical Warning and the Severity value set before prescribing for the patient is permitted to avoid potential prescribing errors.

To accommodate the introduction of the New Zealand Formulary drug data within Medtech Evolution, the following changes have been made in the New Patient Medication screen:

NZF Drug Terms

The new NZF drug terms used for the BPACNZRx prescribing module may be longer than the previous MIMS drug terms as they include the component substances along with their respective strengths within a particular preparation.

| 🔅 New Patient N | Aedication X |
|-----------------|--|
| Main | |
| | GMS: A3 |
| Drug: | Amoxicillin 125 Mg/5 Ml + Clavulanic Acid 31.25 Mg/5 Ml Oral Liquid: Pow |

Due to the long drug term, the full description of the drug may not be visible in the Drug field in the New Patient Medication screen when prescribing.

Should it be necessary to view the full NZF drug name, the field can be expanded by dragging the right-side border of the New Patient Medications window. This feature also applies to **Directions** and **Interactions**.

| 🔅 New Patient N | ledication X | | | | | |
|--|--|--|--|--|--|--|
| Main | | | | | | |
| | GMS: A3 | | | | | |
| Drug: | Urografin 30% - Amidotrizoate Meglumine 2.6 G/10 Ml + Sodium Amidotrizoate 400 Mg/10 Ml Injection, Ampoule | | | | | |
| Mitte: | ampoule Period: | | | | | |
| Directions: | | | | | | |
| Repeats: | 0 Options • | | | | | |
| Administer: | injection 👻 🗌 Administered in Clinic | | | | | |
| Initial Dispensing | Period: days Provider Eligible for Co-Payment | | | | | |
| Provider: | Service provider (ANSS 💌 🗌 Prescribed Externally | | | | | |
| Date of Issue: | 05/05/2020 External Provider: | | | | | |
| Classification: | ✓ | | | | | |
| Medication Status | ✓ Confidential | | | | | |
| LT Rx Expiry: | v | | | | | |
| | Recommended by a Specialist 🗌 Patient meets Endorsement Criteria | | | | | |
| Specialist: | Date Recommended: | | | | | |
| Previous Drug: | ▼ | | | | | |
| Interactions 1 Warnings Suppress Details | Pregnancy: Diatrizoate: Limited Human Data-Probably Compatible: Pregnancy Summay: | | | | | |
| Add to Person | al OK Another Cancel NZF Help | | | | | |

The size of the New Patient Medication Window will be remembered if 'Remember Screen Size' configuration is enabled for the user in Staff Setup.

Drug Search

When searching for a medication to prescribe to the patient, the Drug Search screen will now perform the drug search within the NZF drug database.

| Drug Search | × | |
|--|---------------------|--|
| Quick Advanced | | |
| Drug Name: AMOX Search | | |
| C Personal @ Brand/Generic | Include Inactive: 🗌 | |
| SA Drugs: 🗖 Subsidised: 🗖 | | |
| Exclude drugs prohibited in sports at all times in selected sports in Competition Rx Safety | | |

The following itemises the changes to the Drug Search screen for the BPACNZRx prescribing module:

• Search by 'Therapeutic Options' has been removed from both the Quick and Advanced tabs

| 🔅 Drug Search | × |
|-------------------------------------|--------|
| Quick Advanced | |
| Drug Name: | Search |
| | |
| 🔅 Drug Search | × |
| Quick Advanced | |
| Therapeutic Group: Generic Name: | Search |
| | |

• The 'Sub' filter has been renamed to its full term 'Subsidised'

| 🔅 Drug Search | | > |
|---------------|---------------|-------------------|
| Quick Advance | | |
| Drug Nan | e: Search | |
| | | |
| O Personal | Brand/Generic | Include Inactive: |
| - | | |

- Exclude 'Unsafe in Pregnancy' filter has been removed, as the pregnancy related information from the monograph will be displaying during prescribing which can be double clicked to open the monograph section to view the full contents.
- 'Exclude Banned in Sport' filter has been removed, and has been replaced with a new set of filter options which follow the World Anti-Doping Agency (WADA) classification of three categories:
 - Exclude drugs prohibited in sports at all times
 - Excluded in selected sports
 - Excluded in competition only

| O Personal Brand/Generic Include Inactive: | | | | | |
|--|---|----------------|--|--|--|
| SA Drugs: | SA Drugs: 🔲 Subsidised: 🗌 Spec Recommended: 🗌 | | | | |
| ② Exclude drugs | s prohibited in sports at all times 🗌 In selected sports 🗌 In Competition 🗌 | Rx Safety Info | | | |

If a patient is a competitive athlete & subject to drug testing, then the 'Exclude drugs prohibited in sports at all times' must be checked. If they are athlete in an eye/hand coordinated sport, which bans beta blockers, then the 'in selected sports' must be checked. Finally, if they are in competition or are about to compete, then 'in competition' must ALSO be checked.

Clicking on the Help icon next to the new Sport filters will open and display Guidance on using these new filter controls.

| 🔅 More Information | × |
|---|---|
| BPACNZRx Sports Filter | |
| Familiarity of the BPACNZRx Sports Filter feature is necessary to reduce the risk of an athlete or sportsperson inadvertently being prescribed a banned medication. It is also important to realise the status of a medication can change and an additional check on the <u>WADA website</u> is advised if there is uncertainty. Each applicable banned in sports medication is assigned a <u>single</u> Sports Category which is either S1-S9 or P1. Each filter control removes medications which belong to the following categories: | ~ |
| at all times: Categories S1-S5, inclusive In selected sports: Category P1 only In Competition: Categories S6-S9, inclusive | |
| By way of example | |
| If an athlete or sportsperson is subject to drug testing then at all Times <u>must</u> be selected/ticked. | |
| If they compete in any of the specific sports (<i>Archery, Automobile racing, Billiards</i> (including Pool & Snooker), Darts, Golf, Shooting, Skiing & Snowboarding or Underwater sports) where beta-blockers are banned then in selected sports <u>must</u> also be selected/ticked. | |
| ОК | |

• A new '**Rx Safety Info**' feature has been added to the Drug Search screen.

The Rx Safety Info feature is an important new feature which can be used to ensure a drug is not contra-indicated in hepatic and renal impairment, pregnancy, and breast-feeding.

Clicking on the Rx Safety Info button on the Drug Search screen after selecting a medication will open the NZF Safety Information screen.

| 🔅 Drug Search | | | × | NZF Medicine Information | < |
|--|--------------------------|-------|---|---|---|
| Quick Advanced | | | | ~ | |
| Drug Name: PARACE | Search | | | View in the NZF for Children | |
| | | | | Home > <u>4 Central nervous system</u> > <u>4.7 Analgesics</u> > <u>4.7.1 Non-opioid analgesics</u> | |
| Personal O Brand/Generic | | | Include Inactive: | paracetamol safety info only (show all) | |
| SA Drugs: Subsidised: Spec Reco | mmended: | | | (acetaminophen) | |
| Exclude drugs prohibited in sports at all times In selected sports In Competition Rx Safety Info | | | Contra-indications severe hepatocellular insufficiency; hepatic failure or | - | |
| Tick Personal Medicine | Presentation | Key | PML | decompensated active liver disease | |
| < Directions: 2 tabs,Twice Daily, 1 week | Prescribe OK Generic ADD | NZF C | > ancel Help | Cautions hepatocellular insufficiency including Gilbert's syndrome; severe renal insufficiency; risk of high anion gap metabolic acidosis in those on concomitant fluctoxacillin (particularly in those with severe renal impairment, sepsis or malnutrition); with intravenous use G&PD deficiency (increases risk of haemolytic anaemia, see Haemolytic anaemia - Sometimes caused by medicines Prescriber Update, December 2019) Risk factors for hepatotoxicity Risk of hepatotoxicity may be increased with chronic excessive alcohol use (3 or more alcoholic drinks every day), hepatic insufficiency, chronic malnutrition, or dehydration | ~ |
| onie | | | | Datasheet Print Close | |

As the 'Unsafe in Pregnancy' filter has been removed, it is important that a prescriber refers to the 'Rx Safety Info' section carefully before prescribing.

Important Note – NZF Safety Information

Unlike MIMS the NZF Safety Information is not stored locally in the practice's system. The NZF Safety Information is an online web-based resource and requires an internet connection to be accessed. Being an online resource you can be assured that the information is as up to date as possible when using it, even if the latest drug update has not been run.

• Search by Therapeutic Group on the Advanced tab now provides a drill down to three levels of ATC (Anatomical Therapeutic Chemical) and is presented in a tree hierarchy

| 🔅 Find Therapeutic Group | × |
|--|---|
| Therapeutic Group: Search | I |
| 📮 Alimentary tract and metabolism | ^ |
| Anabolic agents for systemic use | |
| 🚊 Antidiarrheals, intestinal antiinflammatory/antiinfective agents | |
| Antidiarrheal microorganisms | |
| Antipropulsives | |
| Electrolytes with carbohydrates | |
| Intestinal adsorbents | |
| ··· Intestinal antiinfectives | |
| ···· Intestinal antiinflammatory agents | |
| Other antidiarrheals | |
| ⊕ • Antiemetics and antinauseants | |
| Antiobesity preparations, excl. diet products | |
| ···· Appetite stimulants | |
| 🕀 Bile and liver therapy | |
| . Directives ind enzymes | × |
| OK Cancel Help | |

- The first level of the code indicates the anatomical main group
- The second level of the code indicates the therapeutic main group
- The third level of the code indicates the therapeutic/pharmacological subgroup

Please Note: Some levels may not display any medications which means no drugs are currently available within NZ that belong to the selected category.

• The 'Generic Group' option on the Advanced tab has been renamed to 'Generic Name'

| 🔅 Drug Search | × |
|--------------------|---|
| Quick Advanced | |
| Therapeutic Group: | |
| Generic Name: | |
| | |

• Searching for all the preparations for a particular drug name will show the list of preparations in order of Strength.

| 🔅 Drug Search | | | | | | | | × |
|----------------------------------|---------------------------|------------------|--------------------|-----------|-----------------|--------------|-------------|---|
| Quick Advanced | | | | | | | | |
| Drug Name: | PARACET | | | Search | | | | |
| | | | | | - | | | |
| | | | | | | | | |
| O Personal Brand/Ge | eneric | | | | | Includ | e Inactive: | |
| SA Drugs: Subsidised: | Spec Recommen | ided: | | | | | | |
| 😵 Exclude drugs prohibited in | sports at all times 🗌 | In selected spo | orts 🗌 🛛 In Co | mpetition | | R | Safety Info | |
| Brand/Generic | | | Form | Brand | | | Sub | ^ |
| Paracetamol 120 Mg/5 Ml Oral Lio | quid (Junior Parapaed) | | Oral Liquid: Suspe | nsio JUNI | OR PARAPAED | | | |
| Paracetamol 120 Mg/5 Ml Oral Lio | quid (Paracare For Babies | And Young Childr | Oral Liquid: Suspe | nsio PARA | CARE FOR BABIES | SAND YOUNG C | | |
| Paracetamol 125 Mg Suppositor | y (Gacet) | | Suppository: Moule | ded GACE | त । | | | |
| Paracetamol 250 Mg Suppositor | y (Gacet) | | Suppository: Moule | ded GACE | π | | | |
| Paracetamol 250 Mg/5 Ml Oral Lic | quid (Pamol Double Streng | gth Colourfree) | Oral Liquid: Suspe | nsio PAMO | DOUBLE STREN | IGTH COLOURF | | ~ |
| Strength | | Brand | | Price | PML | | | |
| paracetamol 125 mg suppository | | GACET | | 3.2900 | | | | |
| paracetamol 250 mg suppository | | GACET | | 3.7900 | | | | |
| paracetamol 500 mg suppository | | GACET | | 12.4000 | | | | |
| | | | | | | | | |
| | Pres | scribe OK | Brand | ADD | . NZF | Cancel | Help | |

In the interests of clinical safety and to assist in avoiding Prescribing errors, all medication 'sets' will be ordered by strength in ascending order, where the lowest strength is to be at the top and the highest at the bottom.

In addition, to support the predominantly prescribed subsidised medications, the subsidised medication will be selected by default within the strength grid which supresses other non-subsidised equivalents to be displayed.

| Brand/Generic | | Form | Brand | | | Sub | ^ |
|--|-----------------------|-----------------------|-------------|--------------|------------|------|---|
| Paracetamol 120 Mg/5 Ml Oral Liquid (Junior Parapae | i) | Oral Liquid: Suspens | o JUNIOR PA | RAPAED | | | |
| Paracetamol 120 Mg/5 Ml Oral Liquid (Paracare For Ba | bies And Young Childr | Oral Liquid: Suspensi | o PARACARE | FOR BABIES A | ND YOUNG C | | |
| Paracetamol 125 Mg Suppository (Gacet) | | Suppository: Moulde | d GACET | | | | |
| Paracetamol 250 Mg Suppository (Gacet) | | Suppository: Moulde | GACET | | | | |
| Paracetamol 250 Mg/5 Ml Oral Liquid (Pamol Double S | rength Colourfree) | Oral Liquid: Suspensi | o PAMOLDO | UBLE STRENG | THCOLOURF | | ~ |
| Strength | Brand | | Price | PML | | | |
| paracetamol 120 mg/5 mL oral liquid | JUNIOR PARAPA | Ð | 0.0000 | | | | |
| paracetamol 120 mg/5 mL oral liquid | PARACARE FOR E | ABIES AND YOUNG C | 5.3500 | | | | |
| | | | | | | | |
| | | | | | | | |
| | Prescribe OK | Brand | ADD | NZF | Cancel | Help | |

Section 29 Drugs

For Section 29 drugs, the term 'Section 29' is generally not included in the NZF drug term as it has been previously displayed for MIMS drug terms. Instead for Section 29 drugs you will now see the indicator displayed in bold blue font above the Drug field in the New Patient Medication screen.

Previous MIMS New/View Drug screen

| 🔅 New Patient Medication | | | × | |
|-------------------------------|--------|---------|-------------------------------|---------|
| Main | | | | |
| _ | | _ | | GMS: A3 |
| Drug: Flutamide 250 Mg Tablet | | | | |
| Mitte: | tablet | Period: | Amount: 0 | |

New BPACNZRx New/View Drug screen

| 🔅 New Patient Medication | | | |
|--------------------------|-------------------------|-----------------------|---------|
| Main | | | |
| | Section 29 | | GMS: A3 |
| Drug: | Flutamide 250 Mg Tablet | | •• |
| Mitte: | tablet | Period: 🗾 🗸 Amount: 0 | |

Section 29 is also printed on the prescription for the attention of the Pharmacist Dispenser.

Brand Only Medication Prescribing

<u>Important Note:</u> The following functionality will be immediately effective for BPACNZRx prescribing customers.

Prescribers will be aware certain medications must be prescribed by brand due to the fact that alternative generic equivalents will act differently.

To ensure this process is adhered to brand only medications will be indicated within the Drug Search module and the ability to prescribe them generically is not permitted.

This feature applies to both MIMS & BPACNZRx drug formularies where the Generic button or the OK button when a generic medication is selected in the search results, becomes inactive, which is indicated below:

| 🔅 Drug Search | | | | | | × |
|--|---|--|---------------------------------|----------------------------|-----------------------------------|----------|
| Quick Advanced | | | | | | |
| Drug Name: WARF | | | Search | | | |
| Personal O Brand/Generic | | | | | Include Inactiv | e: 🗌 |
| SA Drugs: Subsidised: Spe | ec Recommended: | | | | | |
| 😮 Exclude drugs prohibited in sports at al | l times 📃 🛛 In selected sp | orts 🗌 🛛 In Com | petition | | Rx Safety 1 | info |
| The selected product must be prescri | bed by BRAND | | | | | |
| Brand/Generic | | Form | Brand | | Sub | ^ |
| Warfarin Sodium 1 Mg Tablet (Coumadin) | | Tablet: Uncoated | COUMADI | | | |
| Warfarin Sodium 1 Mg Tablet (Marevan) | | Tablet: Uncoated | MAREVAN | | | |
| Warfarin Sodium 2 Mg Tablet (Coumadin) | | Tablet: Uncoated | COUMADI | | | |
| Warfarin Sodium 3 Mo Tablet (Marevan) | | Tablet: Uncoated | MAREVAN | | | × |
| Strength | Brand | | Price | PML | | |
| warfarin sodium 1 mg tablet | MAREVAN | | 6.4600 | | | |
| warfarin sodium 3 mg tablet | MAREVAN | | 10.0300 | | | |
| warfarin sodium 5 mg tablet | MAREVAN | | 11.4800 | | | |
| | Prescribe OK | Brand | ADD | NZF | Cancel H | elp |
| | This is a prescribe by Br Please select the approp | and product and ca priate brand for the | nnot be presc patient and th | ribed gener en select t | rically. he Brand button to pr | escribe. |

This is also indicated when moving the mouse over the Ok button, as indicated above.

This change is in line with the Health Quality & Safety Commission NZ Guidelines for the application of Specify Brand Advice within Electronic Systems.

Controlled Drug Printing

Important Note: The following functionality will only be effective following the June 2021 Drug Update.

Controlled drugs can now be distinguished at drug classification level to allow B & C classification to be indicted in **Drug Setup** module within the **More** tab, as indicated below:



On behalf of the NZePS & Medsafe we have applied changes which now separate B controlled drugs from C controlled drugs on separate ePrescriptions automatically rather than having to perform this manually.

This feature is only applicable to NZePS activated prescribers, as other prescribers must use the manual triplicate form for controlled drugs.

When prescribing a range of drug classifications at the same time up to 3 separate Prescriptions may be generated when the print button is selected, as indicated below:

| New | Consi | Itation |
|------------|-------|---|
| Mair | n Mo | ore Services |
| Subjective | | |
| Objective | | |
| | | Details |
| 13 | Р | 90 - Aspirin 300 Mg Tablet: Dispersible - 1 tablet, As Required, 3 months |
| e 🗈 | | ePrescription-BP-27HGC89THTFNFMMHB4 |
| 8 2 | Р | 7 - Frisium - Clobazam 10 Mg Tablet - 1 tablet, Once Daily, 1 week (5) |
| e 🖪 | | ePrescription-BP-27HGC8PQMQ86VBC6D6 |
| •1 | Р | 7 - Oxynorm - Oxycodone Hydrochloride 5 Mg Capsule - 1 capsule, Once Daily, 1 we B3 |
| e 🗈 | | ePrescription-BP-27HGC8R2P8Y6GF4VX2 |

In addition, the controlled drug classification is now added as circled above, which is also reflected within the Daily Record, as shown below:



The ePrescription without a controlled drug is signature exempt for NZePS prescribers and this is printed on the prescription, provided the person printing the ePrescription is NZePS activated.

Controlled drugs are not currently signature exempt and require a signature of the authorised prescriber.

When a Controlled drug is prescribed, this is now indicated to the prescriber as indicated below:

| 🔅 New Patient Medication | | | | | | \times | |
|--------------------------|-------|---------|-----------|-----------|-------------------------------|----------|---------|
| Main Dispensing | | | | | | | |
| | | Control | lled Drug | | | | GMS: A4 |
| |)rug: | Codein | e Phospha | ite (Psm) |) - Codeine Phosphate 15 Mg T | ablet | |
| Dosag | je: | Ι | tablet | Freq: | - | Period: | * |
| Mitte: | | | tablet | | | Amoun | t: 0 |

<u>Important Note:</u> If you are a non-NZePS prescriber then the ability to print a controlled drug is now supressed as these products can only be prescribed using the hand-written triplicate form. However, a controlled drug can still be recorded within the patient record, just not printed on the prescription.

Printed Prescription Format Changes

Important Note: The following functionality will only be effective following the June 2021 Drug Update.

A number of changes have been applied to the printed prescription format which include:

- Moving of the barcode position to help avoid it being tampered with
- A large singular letter may be now included at the top right-hand side of the prescription.

Which letter is printed is based on the following rules:

- \circ B is printed if the prescription contains Class B controlled drugs,
- C is printed if the prescription contains Class C controlled drugs,
- \circ S is printed if the prescription contains Section 29 drugs,
- O is printed if the prescription contains Oral Contraceptive drugs, which is being moved from its current location.

The location of the letter & barcode is indicated below:

| Dr Test NZMC Reg No. A88984-3 Mr Patient Testing Street, Suburb, City 3265 | HPI Facility. F38006-B | Item Count: Subsidy Card: Page 1 of 1 | | | |
|---|------------------------|---|--|--|--|
| M ph: 0225923751 GMS: A3 | DOB: 26 Aug 1999 | NHI: AAA7777 | | | |
| Rx 22 Jan 2021 3:17 pm | 2 7 H G C 8 R | 3 5 V V X J W B D N 0 | | | |
| Dispense stat list medicines once only unless Frequent Dispense specified | | | | | |
| Oxynorm 5mg Cap Sig: take ONE capsule daily Mitte: 7 caps | | | | | |

Monographs

The full NZF monographs can be accessed through the NZF button at the bottom of the New Patient Medications and Drug Search Window.

| Interactions 2 Warnings Suppress Details | Pregnancy: Com Severe Interac | patible(Low [ctions betwe |)ose); Huma e n: Aspiri n | an Data Sug 1 100 Mg Ta | igest Risk in ablet: Ente | 1st and ric; Co | 3rd Trimes oumadin 1 | ters (Full Do 'Ionitor | |
|--|----------------------------------|-------------------------------|-------------------------------------|----------------------------|------------------------------|--------------------|-------------------------|----------------------------------|---|
| Add to Person | al | ОК | Ar | other | Cancel | | ZF | Help | |
| Strength | | | | | | | Price | PMI | |
| aspirin 100 mg tablet: enteri | c-coated | | | | | | 10.8000 | FILE | |
| < | | | | | | | | | > |
| | | Prescribe | ОК | Generic | ADD | NZE | Cancel | Help | |

There are separate monographs available within the NZF for adults (blue header) and children (red header).

The type of monograph opened is predicated on the age of the selected patient recorded in the Patient Register. If the patient is aged 17 years or younger, the child monograph is opened.

| 🔅 New Patient M | ledication × | 🔅 NZF Medicine Information 🛛 🗙 |
|--|--|--|
| Main | | Feedback Terms and Conditions Disclaimer and User Guide |
| Drug: | GMS: A3 Aspirin (Ethics) - Aspirin 100 Mg Tablet: Enteric-Coated | |
| Mitte: Directions: | 28 tablet Period: 1 week Amount: 559.44 2 tabo,Twice Daily, 1 week 2 1 | No. 1 No. 2000 Control May 2020 |
| Repeats: | 0 Options • | Search NZFC Interactions |
| Administer: | oral Administered in Clinic | Enter search term |
| Initial Dispensing | Period: days Provider Eligible for Co-Payment | |
| Provider: | Service provider (ANSS 🔻 🗌 Prescribed Externally | |
| Date of Issue: | 05/05/2020 * External Provider: | View in the NZF |
| Classification: | ✓ | Home > 2 Cardiovascular system > 2.9 Antiplatelet drugs |
| Medication Status | Confidential Generic Substitution | aenirin |
| LT Rx Expiry: | | |
| Specialist: | Date Recommended | (acetylsalicylic acid) |
| Previous Drug: | | Drug action Aspirin is a salicylate non-steroidal anti-inflammatory drug |
| Interactions 2 Warnings Suppress | Pregnançy: Compatible (Low Dose); Human Data Suggest Risk in 1st and 3rd Trimesters (Full Do Severe Interactions between: Aspirin (ethics); Coumadin Honitor | (NSAID). NSAIDs reduce prostaglandin production by inhibiting cyclo-oxygenase, resulting in analgesic, anti-inflammatory and anti-pyretic effects. Aspirin also reduces platelet aggregation and prevents thrombus formation by irreversibly inhibiting cyclo- oxygenase-1 in platelets, preventing their production of thromboxane A2. |
| Add to Person | al OK Another Cancel NZF Help | 🔀 Datasheet 🔛 Print Close |

If the patient is older than 17 years of age, the adult monograph is launched.

| 🔅 New Patient I | Medication × | NZF Medicine Information |
|--|---|---|
| Main | | Feedback Terms and Conditions, Disclaimer, and User Guide |
| Drug: Mitte: Directions: Repeats: Administer: | GMS: A3 Aspirin (Ethics) - Aspirin 100 Mg Tablet: Enteric-Coated 28 tablet Period: 1 week 2 tabs, Twice Daily, 1 week 0 O Options oral Administered in Clinic | NZF New Zealand Formulary Open Menu Search NZF Interactions Enter search term |
| Initial Dispensing Provider: Date of Issue: Classification: Medication Statu: LT Rx Expiry: | Previde: days Provider:Eligible for Co-Payment Service provider (ANSS * Deternal Provider: Status Prescribed Externally Status Status * Ø Frequent Dispense Confidential Generic Substitution * * Confidential Generic Substitution * * | View in the NZF for Children Home > 2 Gatiliovascular system > 2.9 Anticiatelet drugs > Management of stroke Home > 4 Central nervous system > 4.7 Analoesics > 4.7.1 Non-opoid analoesics aspirin (acetv(salicv(ic acid)) |
| specialist: Previous Drug: Interactions 2 Warnings Suppress Details | Uste kecommended: | Drug action Aspirin is a salicylate non-steroidal anti-inflammatory drug (NSAID). NSAIDs reduce prostaglandin production by inhibiting cyclo-oxygenase, resulting in analgesic, anti-inflammatory and anti-pyretic effects. Aspirin also reduces platelet aggregation and prevents thrombus formation by inreversibly inhibiting cyclo- oxygenase-1 in platelets, preventing their production of thromboxane A2. |
| Add to Perso | nal OK Another Cancel NZE Help | Datasheet 📓 Print Close |

You can switch between the adult and child monographs by selecting the blue or red banner at the top of the NZF Medicine Information screen.

| NZF Medicine Information X | | 🔅 NZF Medicine Information | | | |
|---|--|---|--|--|--|
| Feedback Terms and Conditions, Disclaimer, and User Guide | | Feedback Terms and Conditions, Disclaimer, and User Guide | | | |
| NZP New Zealand Formulary E Open Menu | | NZF New Zealand Formulary for Children Open Menu | | | |
| Search NZF Interactions Enter search term | | Search NZFC Interactions Enter search term | | | |
| View in the NZF for Children Home > 2 Cardiovascular system > 2.9 Antiplatelet drugs > Management of stroke Home > 4 Central nervous system > 4.7 Analgesics > 4.7.1 Non-opioid analgesics aspirin (acetylsalicylic acid) | | View in the NZF Home > 2 Cardiovascular system > 2.9 Antiplatelet drugs aspirin (acetylsalicylic acid) | | | |



Please Note: If the NZF button is selected from the New Patient Medication screen and the patient is 17 years or younger the monograph automatically positions at the Dosage section for quick access.

Interactions

The interactions grid will display Medical Warnings, pregnancy related information and the drug and Drug to Drug Interactions.

| Interactions | Mild Allergy: Aspirin very mild rash - suspected only |
|---------------|--|
| 3 Warnings | Pregnancy: Compatible (Low Dose); Human Data Suggest Risk in 1st and 3rd Trimesters (Full Do |
| Suppress | Severe Interactions between: Aspirin 100 Mg Tablet: Enteric; Coumadin Monitor |
| Add to Person | al OK Another Cancel NZF Help |

The ordering of Interaction warnings displayed on the New Patient Medication screen will be:

- Patient Medical Warnings, related to the prescribed drug if any, ordered by Severity
- Other Substance Medical warnings with Rx Warning ticked, ordered by Severity
- Patient Note Only with Rx Warning ticked, ordered by date created, oldest at the top
- Pregnancy section from NZF monograph
- Drug to Drug interactions, ordered by Severity

Each of the strings of interaction information can be double clicked to get further details (e.g. pregnancy string and/or drug or drug to drug interaction information) or alternatively click the Details button when the relevant information is highlighted.



When these pop-out windows are displayed they can be sized & positioned to suit. If 'Remember Screen Size' configuration is enabled for the user in Staff Setup, then they are displayed as configured next time they are opened.

For a Medication or Other Important Note interaction warning, double clicking will open the relevant View Medical Warnings screen providing the ability to edit or change the medical warning such as changing the Severity of the Medical Warning from the Interaction display or marking it Inactive if it is no longer relevant to the patient or is a duplicate.

| 🔅 New Patient N | ledicati | ion | | | | | | | \times |
|--------------------|--|-------------|----------------|-----------|------------|-----------|-------------|---------|----------|
| Main | | | | | | | | | |
| | | | | | | | | GMS: A | 43 |
| Drug: | Aspirin 100 Mg Tablet: Enteric-Coated aspirin 100 mg tablet: enteric-coated | | | | | | | | |
| Mitte: | 28 | tablet | P | eriod: | 1 week 🛛 🔻 | Am | ount: 559.4 | 14 | |
| Directions: | 4 | View Medica | l Warning | | | | × | | |
| | Mai | n Audit | | | | | | | |
| Repeats: | Date | of Onset: | 5/05/2020 | | - | | | | |
| Administer: | | | | | | | | | |
| Initial Dispensing | 0 M | ledication | Other Sub | stance | O Othe | er Import | ant Note | | |
| | () G | ieneric Nam | e 🔿 Alertir | ng Group | þ | | | | |
| | Gene | eric Name: | Aspirin | | | | | | |
| Provider: | Seve | rity: | Mild | 0 | Moderate | 0 | Severe | | |
| Date of Issue: | Note | | very mild rash | n - suspe | cted only | | | | |
| Medication Status | | | | | | | | tion | |
| LT Rx Expiry: | | | 1 | | | | | | |
| | Prov | ider: | Service prov | vider (Al | NSS) | | . | | |
| Specialist: | Inact | tive: | | | | | | | |
| Previous Drug: | | | | ок | Cance | | Help | j | |
| Interactions | ř | | | | | | | | |
| 3 Warnings | Mild Allergy: Aspirin very mild rash - suspected only | | | | | | | | |
| Suppress | Pregnancy: Compatible (Low Dose); Human Data Suggest Risk in 1st and 3rd Trimesters (Full Do | | | | | | | | |
| Details | Severe Interactions between: Aspirin 100 Mg Tablet: Enteric; Coumadin Monitor | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Add to Person | al | | ОК | An | other | Cancel | N | ZF Help | |