Alternate Drug Search
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AUDIENCE

PrognoCIS Users
1. **INTRODUCTION**

The document gives an overview on the dispensable drugs available in PrognoCIS as well as provides guidelines to help users select Alternate Drugs based on the Therapeutic Class. The Drug search by Therapeutic Class is available both from Prescription Screen and Current Medication Screen in PrognoCIS.

A dispensable drug (Drug Name+strength) can have multiple NDC (National Drug Code) codes based on the number of manufacturers and different package sizes available. If a manufacturer stops manufacturing a drug or one or more package sizes the NDC code gets marked as Inactive and gets an obsolete date. Even after the manufacturing stops, the drug may be available in market till the stocks last. After 3 years from the obsolete date, it is assumed that the drug is no more available.

If all the NDC codes associated with a Drug are obsolete for more than 3 years, then the drug is marked as inactive. Such a drug cannot be prescribed electronically. Users can therefore search for the same therapeutic class drugs to select an appropriate alternate drug.
2. **Alternate Drug Search from Prescription Screen**

A. To assist PrognoCIS users in selecting appropriate alternate drugs for electronic prescriptions, the drugs can be searched by their therapeutic class from Prescription Screen. Refer to figure 2.A, click on the button 'C' between the Drug name '+' and the 'I' buttons on the prescription screen to invoke the Therapeutic drug search.

**Figure 2.A: Adding Drugs with Therapeutic Class search on Prescription screen**

B. Type the inactive drug name in the 'Drug Name' column to see the therapeutic class it belongs to as shown in figure 2.B. An example of the drug 'Amoxil' has been used for demonstration purposes. This drug cannot be prescribed electronically due to its 'Inactive' Status on drug search. The Therapeutic Class 'Penicillins' appears in the 'Therapeutic Class' column next to the drug name.

**Figure 2.B: Drug searched and it's Therapeutic Class**
C. Next, the User can search and select for other alternate drugs with the same therapeutic class 'Penicillins' and having 'Active' status. Refer to figure 2.C

⚠️ Note: For more accurate results, you can select the Starting with checkbox on the Drugs by Therapeutic Class search popup.

Figure 2.C: Selecting alternate Drugs by Therapeutic Class
3. **Alternate Drug Search From Current Medication Screen**

Drugs by Therapeutic Class is available from the Current Medication Screen as well, refer to figure 3. The search on Current Medication screen has been modified to display the Active drugs only.

**Figure 3: Selecting alternate Drugs by Therapeutic Class**