

DiaTrends[®]

Version 2.1.25 Enhancements

April 2005



We are pleased to announce another major new version of DiaTrends (2.1.25), released in April 2005. Once again, many of its helpful new features were first suggested by our users.

Highlights:

- Streamlined drug selection from the "Start Medication" drug list such that the more sequential characters you type, the more the list hones in on that item in the list. This eliminates the need to scroll through the list. Also, the screen now opens and refreshes with the cursor in the "Drug" field, since that is how most users start entry of a drug. With these changes, adding medications is much faster!
- Updated medication database through 3/3/2005; bringing the medication dropdown lists up to date by adding the new meds, new doses, etc. that have been released to the U.S. market since the last medication database update was distributed in 8/2004. You should always try to specify the actual drug name (rather than selecting "Other..."), and change any medications previously entered as "Other..." to the actual drug name.
- Added duplicate medication checks: You are asked to confirm starting a drug if the patient is already on any other drug within the same class. Starting a duplicate instance of a medication is no longer allowed.
- Added a series of medication reminder messages to the Home Page to remind you to keep each patient's medication list up to date.
- Added a "Missing 'Minimum Data Set' Data" screen, which lists (and allows "hot links" to) all active patients who are missing specified "Minimum Data Set" elements. This helps you systematically identify and fill in missing key data for your active patient population.
- Added Missing Data Alerts. These timely, patient-specific pop-up messages automatically alert you to the list of missing or outdated "Minimum Data Set" elements for the just-selected patient. Of course, you should then try to update as many of these data elements as possible for that patient.
- Added "Unaccessed Patient List", a list of patients whose records have not been opened in a time period you specify, with "hot links" to listed patients. This feature helps you identify inactive patients, so they can be specified as "Inactive" or "Dead" (by way of the "Patient Information" screen) and thus excluded from reports.
- Added an "Export to Excel" button to "HbA1c Trends" in case you wish to export the data to Microsoft Excel.
- Added more reminder messages, such as one upon closing the record of a patient shown as "type 1" or "type 2 insulin-requiring" but not shown as being on any insulin.
- Added "Delete Patient" allowing an administrator to completely and permanently delete a patient and all his or her data from the DiaTrends database. (This should be done only for a patient who was entered in error, in duplicate, or as a "demo" patient. A much more frequently appropriate action is to simply mark a patient "Inactive" or "Dead").

- Added "[Export Database to Microsoft Access](#)" for advanced database users who wish to be able to review and query data in that format.
- Updated to the latest full-text [clinical guidelines](#) (the 2005 ADA Clinical Practice Recommendations and links to the 2002 AACE guidelines).
- Made many [options user-specific](#), so once a user sets a preference (e.g. whether to display "Progress Toward Goals" at startup), the system will remember that preference each time that user logs in (even if from a different workstation).
- Upgraded [Security Features](#), making it easier for you to comply with HIPAA rules:
 - Tighter [username](#) and [password](#) requirements.
 - User(s) assigned [Security Level](#) "Admin" have certain administrative privileges (such as patient deletion, setting up user-defined fields, exporting data to Microsoft Access, making physicians active vs. inactive, changing a user's security settings, adding new users, and setting up security options) that user(s) assigned the default Security Level "User" do not have.
 - The user "[admin](#)" now only has access to certain administrative functions. Access to patient-specific features requires logging in with a different username.
 - New "[Account Status](#)" allows the administrator to make a user "Inactive" in order to block him or her from being able to log in to DiaTrends.
 - Optional requirement for users to be prompted to [change password](#) every 1, 2, 4, 8, 12, 26, or 52 weeks.
 - Optional [failed login lockout](#): User is "Locked" (blocked from login) after 3 failed login attempts within a specified time period, until a user with Security Level "Admin" resets that user to "Not Locked."
 - Optional [inactivity lockout](#): Program hides after specified period (5, 10, 15, 20, 30, or 60 minutes) of inactivity, to prevent unauthorized viewing of screens until user re-enters password.
 - [Last Log In](#): Displays the date and time the user last logged in to DiaTrends.
 - For administrative and security purposes, DiaTrends provides comprehensive [audit trail](#) reports. (Most end-users will never need to use these reports.)
- Added "[All Physicians](#)" option to Key Indicators, Progress Toward Goals, HbA1c Trends, and HbA1c Distribution.
- Enhanced [Report Generator](#):
 - [Improved formatting](#) of several existing Report Generator reports.
 - Added "[Current Medication Dosing](#)" report, listing all active patients (meeting selection criteria you pick) on one or more selected drugs (as of the date you specify or "ever"). Select all meds, or filter by medication group or class, or specific drug. For each patient, the report lists each relevant drug, its dosage, interval, free-form dosage/interval, and started/continued date. As with other reports, the data can be exported to Excel to facilitate advanced data analysis.
 - Added "[Data Trends](#)" report, a list of all active patients (meeting the selection criteria you pick) who had one or more values for any or all of up to 6 data elements (selected from a checklist of 24 data elements) in the time period you select. It displays the date and value for all results meeting these criteria.
 - Added "[Data Frequency](#)" report with tabular display of the number and percent of patients (meeting your selection criteria) who had 0, 1, 2, 3, 4, 5, or ≥ 6 values entered for each of 23 key procedures within a time period you specify.

- Added "Date Range" (with "from" and "thru" date fields) as a fourth type of "Time Period" for all existing Done/Not Done Report Generator reports.
- Added more values to range dropdown lists for certain "Range" and "Range & List" reports (although, as always, you can enter any value).
- Added phone numbers to the "Diabetes-Related Office Visits: Done (& Not Done List)" report to facilitate calling patients who haven't been seen in a specified time period.
- Updated installation process, with a smoother flow to the InstallShield® wizard and a streamlined database update process.
- Added a "Validation Key" to the "License Manager," which helps assure that the "Serial Number" and "License Code" are entered correctly.
- Added launch of Database Backup utility directly from "File" on the main menu.
- Added "Tip of the Day" which displays automatically each time DiaTrends is started, with many tips and reminders addressing common user tasks related to data entry, workflow, special DiaTrends features and the role of DiaTrends in today's healthcare environment.
- Updated embedded "Help" and support files; and revised 126 slide annotated demo.
- Updated documentation (e.g. "Installation and Administration Guide" & upgrade guides).
- And many more...

As always, please let us know of any ideas you might have to make DiaTrends even better!