

Clinical Management Help

User Guide

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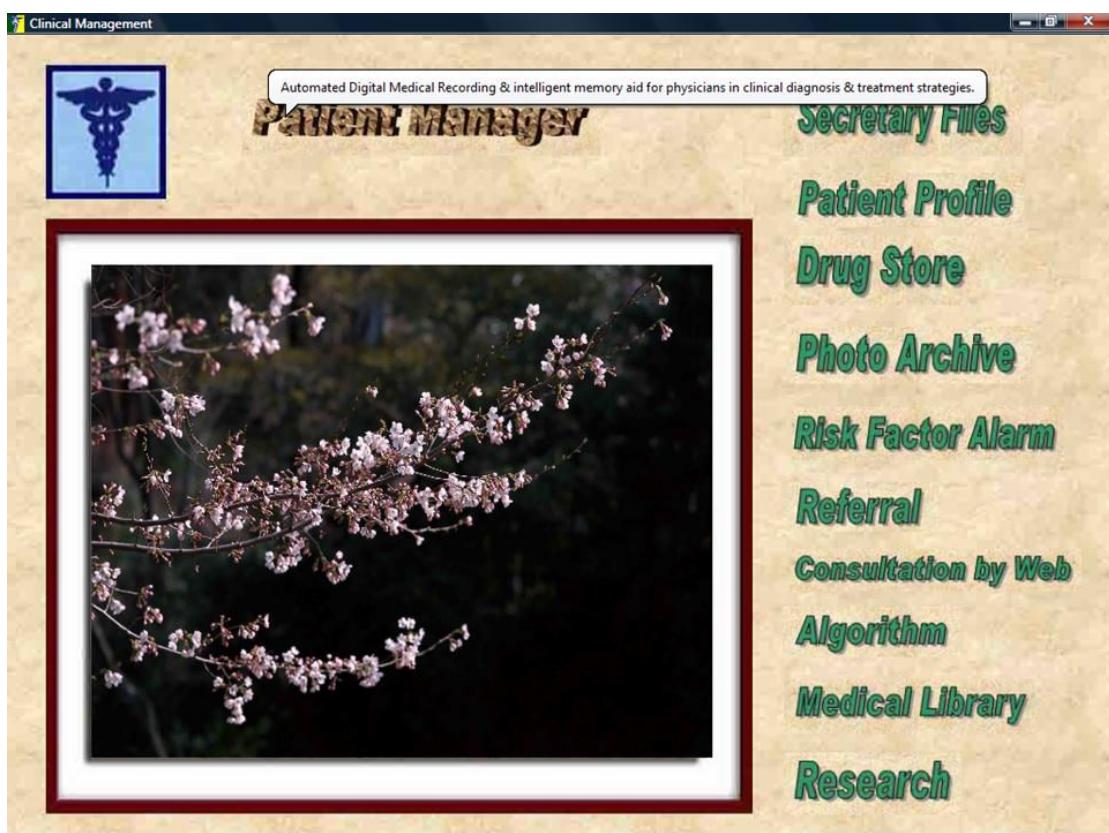
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Introduction

Clinical Management software is designed for clinical specialists and general physicians, their clerks and secretaries to record patients' full medical data, to help physicians recall medical knowledge and to give them options towards diagnosis and treatment strategies.

Twenty-one user friendly and graphic forms in addition to over 120 related interfaces help users to do seven main clerical tasks and full procedures in routine medical diagnosis and treatment. Furthermore, separate but interactive files of Preventive Care are designed for full coverage of total digital recording. Consultation via internet, insurance reports and prescription printing are other features of this software.



A specific code alters this software for use on a single laptop while another code alters the software for multi-users with network capabilities for use with tens or hundreds of computers in multi-specialty polyclinics, wards of hospitals or a small clinic with one or more clerks. Administrator can be a non-physician manager or the physician himself.



One single clerk can do appointments for all doctors in a polyclinic and/or another clerk can register incoming clients/ or do other duties if administrator changes codes or hides/ unhides files. Accounting section in the program can work independently. Different physicians may access one patient's medical file or every physician (specialist) may have a personal medical file for the same patient. Administrator changes are made through setting - patient manager - Doctor and Administrator. Assigning clerical duties can be made through setting - secretary program.

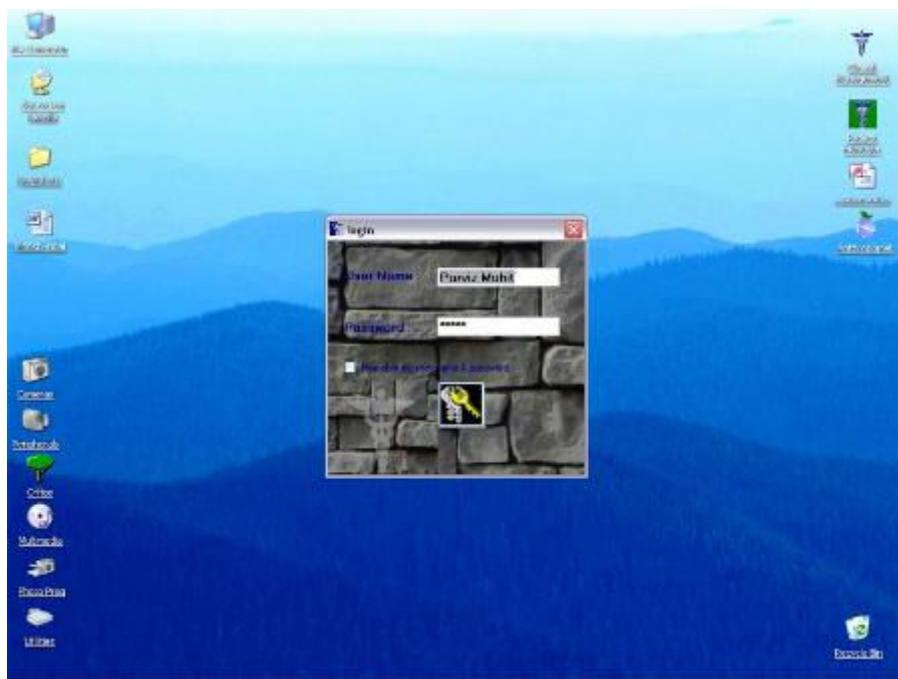
Manager can enter the program with admin code, and then a different physician maybe defined through Doctor and Admin. Manager can define central clerk/secretary (e.g. for reservation only). Each working physician may define his/her own secretary and/or accounting personnel. In small clinics, physician is also admin. S/he defines his own user name and password, then s/he selects username and code or his/her clerks, secretaries.

Remember to keep username and password for the Admin given by the retailer in a safe place. Other codes can be easily changed in the Admin when entered by this code.

Getting acquainted with Clinical Management Program

This software is designed for clinicians with minimum knowledge and/or interest in learning complicated instruction to use EMR software. Basic familiarity to use windows XP is enough to use 80% of features in this software.

Once you have installed or have it installed in your computer(s), all you need is to click the program's Icon on your desktop (and a similar icon on the secretaries). Before opening the program, right click on the desktop and change the resolution to 768 – 1024. This will give you a full view of the opening page. We recommend choosing “Silver” in the “Color Scheme” to match default colors in the program. Also “Auto hide” the taskbar below to get full view of all forms and interfaces.



Now, click on the icon and enter the program. For the first time username shows “Admin” with password given you by the administrator or the retailer. You can change both of them through the settings by right clicking on the main title on the opening page. Please keep the tick active on the small

window to avoid re-entering the username and password if your PC is private. Remember the boxes are case sensitive and you must type the first letter in capital form. Now that you have placed the tick in its box, click on the “Keys” icon.

The main page consists of the blue medical emblem. Moving mouse on or around it plays the default theme. It can be changed from the settings. Several photos will show up in time intervals. They can also be changed or the time interval waved from the settings. Double click on the changing photos opens the default Windows Media player.

Clicking on any of the right titles takes you to forms and interfaces defined briefly on its tool tip. However, we recommend right clicking on the main title and going directly to introduction and the help menu to read about the many possibilities this software brings on. Choices you may not find for many years of performing all your expectations in your medical office, should you not read about them or watching the pps and/or demo AVIs.

Reception

The form that connects the patients' personal data directly to the clinician's room manages admitting patients for professional visits. Real time action of the form allows clinicians to be alert of their own incoming patients and those waiting for the visit in the reception area. Physicians can also indicate priorities for visiting patients. In this case, secretary choice button will automatically be blocked to avoid interference.

A screenshot of a computer application window titled "Reception". The window has a menu bar with "File", "Edit", "View", "Insert", "Row Details", "Omit", "Row", "Doc. Select.", "PP", "Sec. Select.", "File", "Physician's Name", "Specialization", "Title", "First Name", "Family Name", "Cause For Admission", "Insurance Name", "Insurance No.", "Validity Date", and "Insu Ser". Below the menu is a toolbar with buttons for "Enter", "Occupie", "Dr Parviz...", "Neurosegeon", and "Ms". The main area is a large yellow rectangular field. At the bottom of the window is a scroll bar.

Reception form along with six other secretarial interfaces is connecting lines among secretaries and physicians in the network versions. This form has the most sophisticated connections among other secretary interfaces; it receives data from appointments and sends incoming patients' data into the personal profile and later to the physicians' medical data.

Upon arrival of patients or clients into the reception area, receptionist opens the row details by clicking on

“Insert” icon and enters required primary data by using comboboxes and lists or completes remaining data if the patient’s name is transferred from the appointments form. New personal profile can be completed when a patient requires medical data recording. By clicking on enter button to place the patient on the waiting list similar names already visited any time in the clinic will appear in a check box. This automatic search will help secretaries to avoid re-opening new files for old patients already having data on record. Patients properly identified and adequately registered will now enter the examination room. The medical portion of their medical file will open to the treating physician.

The screenshot shows a software application window titled "Reception". On the left, there is a grid-like table with columns labeled: Insert, Row Details, Omit, Row, Doc. Select., PP, Sec. Select., File, Physician's Name, Specialization, Title, First Name, and Far. The "Insert" button is highlighted in yellow. In the "Physician's Name" column, a dropdown menu is open, showing "Dr Parviz..." and "Neurosegeon". The "Specialization" column also shows "Neurosegeon". To the right of the main window, a separate dialog box titled "Row Details" is displayed. This dialog box contains fields for entering patient information: Title, First Name, Family Name, Cause For Admission, Physician's Name (set to "Dr Parviz Mohit"), Specialization (set to "Neurosegeon"), Insurance Name, Insurance No., Validity Date, Insurance Serial No., Social Security, Admission Fee (set to 0), Consultation Fee (set to 0), Other Fees (set to 0), Other Fees* (set to 0), Other Income (set to 0), Refund (set to 0), and a Profile No. field (set to 0). An "Insert" button is located at the bottom of the dialog box.

Comboboxes and lists help secretaries to save time by filling out the information automatically. Any new word typed in boxes will be saved for later use in the same box. Rows can be corrected by applying changes to entering accessory forms and should not be deleted in order to save continuity of numbers. Automatic search is performed to find patients with similar names when the data is sent to personal profile form.

Right click on the page shows total sum for each service. Looking up previous reception sheets is also

possible by the right top button. Deleting previous sheets is recommended to save temporary database space. Transferring a previously completed personal profile , but not saved as a completed medical profile by the physicians can now be recovered by secretaries to save time of re-asking personal patient data. Secretaries can click on the specific day on the calendar shown on the top left of temporary reception sheet and transfer the selected patient to today's reception. Now they can open the personal profile for changes or today's reception.

Total Sums

	Secretary Tasks		Temporary Archive
	Patient Manager		
Admission Fees	300	Other Fees*	0
Consultation Fees	0	Other Incomes	0
Other Fees	0	Refunds	0

Temporary Reception Archive

	Transfer to Reception	Row	Title	First Name	Family	Cause For Admission	Physician's Name
26	27	28	29	30	31	1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	1	2	3	4	5	6	

Today: 2007/09/06



Archive

Searching patients with similar name is automatic and takes effect whenever necessary. Archive is designed to match portraits or to search individuals with other data pieces listed at the top half of the page. Different options listed on the top right option button enables secretaries to verify clients properly and give the verifications and forms without the need to access their medical records or send the file to the reception sheet.

Archive (Search)

Please, Select the appropriate patient, first

Transfer to Reception
Transfer to Interoffice memo
Printing Various forms
Receipt
Resting Period Verification /10
Searching Verifications

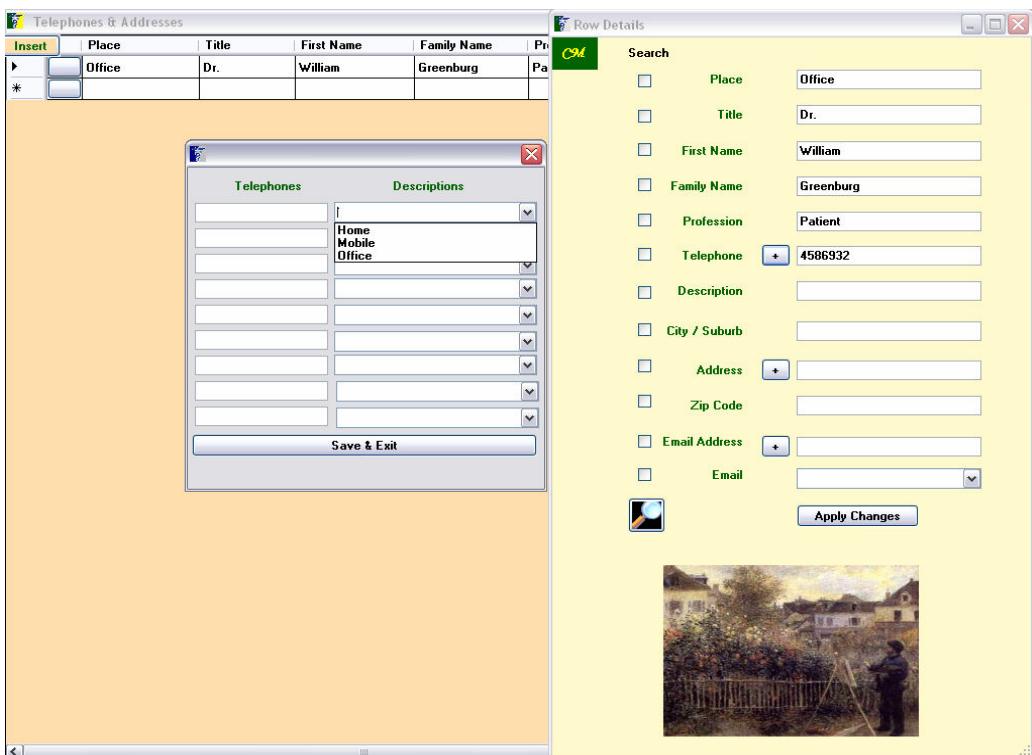
Select	Profile	Profile No.	First Name	Middle Name	Last Name	Birth Place	Referred By	Father's Name	ID No.	Birth Date	Social Secu
Select	Profile	820	Robert	A.	Edwards	Monroe,La	Other Pts	John	45896	1949/01/20	125-4
Select	Profile	821	Helen	K.	Jones	New Hampshire	Dr. Roberts	Edward	5847	54/10/20	458-7
Select	Profile	823	Susa...	G.	Schmidt	Berlin	None	Cornelius		1983/11/10	45455
Select	Profile	824	Alen		Hobbs	Arlington	None	Kewin	45281	1938/10/20	457-8
Select	Profile	825	Andre	L.	Jeferson	Dorham		JEFFREY	45687	2007/06/12	
Select	Profile	822	Anand	R.	Rao	New Dehley	Dr. Roberts	Ahmad	45878	64/01/21	457-8
Select	Profile	826	William	F.	Greenburg	OKlahoma	Other Pts	Robert	4587129	1950/01/05	125-8

Make sure to select the patient first by clicking on the “Select” button. Clear button deletes information you have entered to search and makes the page ready for another attempt.

Telephones & Addresses

All communication data related to patients, professionals and personnel are stored in this interface. Use this page as “yellow pages” for your communication. Click “Insert” and add personnel or other professional you may refer to. Add as much information as you need or correct and update by applying changes.

Patient’s information is transferred from Appointments page automatically by pressing “transfer to Telephones- Addresses” button under the title (Patient), in profession column. This data collection can be completed within the page by row detail button and used when secretaries want to inform patients of their rescheduling.



Each column can be managed from A to Z or Z to A, simply by clicking on the column title. In addition, search can be made by any piece of information listed on the row details. To do search, click on any row details button, tick any of the detail information and enter it, e.g. her/his profession or first or last name, then press Search, selected person will be

filtered on the main page. Please press, “apply changes” when you make a change and close the page first, then reopen and do search.

Information in this page can be used in Referral page too. If your patient is also a professional and you like to place her/him on your professional list, just add her/his profession on the left side of (patient) in the profession column or re-enter her/his information as a new individual.

Insurance & Accounting

If the administrator or physicians activate this page's icon from within the setting option, the task will appear on the general secretary switchboard or on the accountant desktop switchboard only. Otherwise, administrator or physicians can reach this interface only through their own switchboard. Information on this form is private and cannot be reached from any other form or interfaces. All income and expenses are entered on one page and can be sealed off as a bolus or a period by any name given to it. You find the option by right clicking on the main page.

Insert	Row	Date	Operation	Profile No.	Cheque - Document No.	Bank Name	Cheque Date	Ir S
>	1	04/07/2007	Consultat...					
	1	26/02/2007	Utilities			1st National ...		
	2	26/02/2007	Personnel	4582179	321546	1st National ...	27/02/2007	
*								

Row Details

Date	04/07/2007
Operation	Consultation fee
Profile No.	
Cheque & Doc. No.	
Bank Name	
Cheque Date	
Income Source	
Hospital Name	
Patient's Debt	0
Expenses	0
Income	225.50
Remaining	225.5

Apply Changes



Another interesting feature found in option list is a list of similar expenses and incomes entered in the main sheet. Here, they are seen in columns with their sum shown under each column.

Subsidiary Report

	Consultation fee	Personel	Utilities				
▶	225.50	450.00					

	Consultation fee	Personel	Utilities				
▶	225.5	450	0	0	0	0	0

Click Insert and enter a row of information. Sum of incomes can be copied from the small window by right clicking on the reception sheet and paste it on the accounting "row detail" window.

The screenshot shows a software interface for 'Insurance & Accounting'. At the top is a menu bar with 'File', 'Edit', 'View', 'Insert', 'Format', 'Table', 'Report', 'Help', and 'Exit'. Below the menu is a toolbar with icons for 'New', 'Open', 'Save', 'Print', 'Exit', 'Copy', 'Paste', 'Delete', 'Find', 'Replace', 'Select All', 'Clear', 'Sort Ascending', 'Sort Descending', and 'Filter'. A status bar at the bottom displays 'File Edit View Insert Format Table Report Help Exit'.

The main area contains a table with the following columns: Row, Date, Operation, Profile No., Cheque - Document No., Bank Name, Cheque Date, Income Source, Hospital Name, Patient's Debt, Expenses, Income, and Remaining. The table has three rows of data:

Row	Date	Operation	Profile No.	Cheque - Document No.	Bank Name	Cheque Date	Income Source	Hospital Name	Patient's Debt	Expenses	Income	Remaining
1	26/02/2007	Utilities			1st National ...				0	0	225.50	225.5
2	26/02/2007	Personel	4582179	321546	1st National ...	27/02/2007			0.00	120.00	0.00	-120.00
*									0	450.00	0	0

Below the table are two pop-up windows:

- Financial Period**: A window with fields for 'State a financial period' (with a browse button) and 'Choose financial period' (with a dropdown menu). It also contains icons for a magnifying glass, a printer, and a folder.
- Sum of Income & Expense columns**: A window titled 'CM' with an 'Options' tab. It displays the following values:

Sum of Expenses	570
Sum of Income	225.5
Remaining	-344.5
Sum of Patient's Debt	0

Insurance forms and invoices can be reached and sorted automatically with required forms by the insurance companies and be printed from the filtered data directly from the option area, which will appear by right click on the accounting page.

The screenshot shows a 'Reports' module with a dark brown header and sidebar. The sidebar contains a list of checkboxes for filtering data, including 'Row', 'Admission Date', 'First Name', 'Family Name', 'Validity Date', 'Insurance No.', 'Insur. Serial No.', 'Admision Fee', 'Consultation Fee', 'Other Fees', 'Other Fees*', 'Other Income', and 'Blank Column titled...'. Below the sidebar are icons for a magnifying glass and a printer.

The main area displays a table with columns: Row, Admission Date, First Name, Family Name, and Validity Date. The table has one row of data:

Row	Admission Date	First Name	Family Name	Validity Date
1	2007/06/11	Alen	Hobbs	22/8/2007

To the right of the table are several filter options:

- Name of Physician**: A dropdown menu showing 'Dr Paviz Mohi'.
- Name of Insurance**: A dropdown menu showing 'Medicare'.
- Referred By**: A dropdown menu.
- From**: A date range from '1982-09-11' to '1982-10-10'.
- Period**: A date range from '2007-01-20' to '2007-10-10'.
- To**: A date range from '2007-01-20' to '2007-10-10'.

A 'Print Options' dialog box is open in the foreground, containing sections for 'Columns to print' (with checkboxes for Row, Admission Date, First Name, Family Name, and Validity Date), 'Rows to print' (with radio buttons for 'All' and 'Selected'), 'Fit to page width' (checkbox), and 'Title of print' (text input field).

To make a report sheet from the database:

- 1- Right click on the main "Insurance and Accounting" form.**
 - 2- Choose "report" from the option list.**
 - 3- Choose subject, then complete beginning and end dates appropriately.**
 - 4- Tick on the appropriate boxes on the left column.**
 - 5- Re-size the columns width to fit the target sheet you like to print. Full desktop sheet is A4 page. Synchronize the column widths accordingly.**
 - 6- Ok the selection.**
 - 7- Click on the printer icon.**
- The new window is for setting printer options:**
- 8- First remove the tick in front of "page width" in order to save the manual column width adjustments you have made.**
 - 9- Next, make necessary adjustments for paper size and paper view.**
 - 10- Click on OK button. Another window opens for final printer adjustments. You can type a title for the page in the appropriate box here, or delete some columns unnecessary for the printed page. In addition, a collection of rows can be selected for the printer by highlighting the rows and ticking on the "selected" option.**
 - 11- Ok the page, the printer preview will open, which can be printed directly if desired condition is met.**

Insurance & Accounting

Insert	Row	Date	Operation	Profile No.	Cheque - Document No.	Bank Name	Cheque Date	Income Source	Hospital Name	Patient's Debt	Expenses	Income	Remaining
>	0	04/07/2007	Consultat...							0	0	225.50	225.5
	1	26/02/2007	Utilities			1st National ...				0.00	120.00	0.00	-120.00
*	2	26/02/2007	Personel	4582179	321546	1st National ...	27/02/2007			0	450.00	0	0

Financial Period

State a financial period

Choose financial period

Page Setup

Paper

Size: A5
Source: Auto Select

Orientation

Portrait Left: 20 Right: 20
Landscape Top: 20 Bottom: 20

OK Cancel Printer...

Sum of Income & Expense columns

CM Options

Sum of Expenses: 570
Sum of Income: 225.5
Remaining: -344.5
Sum of Patient's Debt: 0

Reports

Row
 Admission Date
 First Name
 Family Name
 Validity Date
 Insurance No.
 Insur. Serial No.
 Admision Fee
 Consultation Fee
 Other Fees
 Other Fees*
 Other Income
 Blank Column titled...

Row	Admission Date	First Name	Family Name	Validity Date
1	2007/09/06	James	Fein	
2	2007/07/07	Alen	Fein	

Name of Physician
Dr Parviz Mohr

Name of Insurance
Medicare

Referred By

Print Options

Columns to print:
 Row
 Admission Date
 First Name
 Family Name
 Validity Date

Rows to print:
 All
 Selected

Fit to page width

Title of print:

From Period
1982 10 10

To Period
2007 10 10

Printer-Invoice


John D. Smith, M.D.
Newswanger
Associate Professor
ML University

Blue Cross Medical Center
Partur Medical Group
Administrator
Dwight Mitchell, Jr.

Itemized Statement of Charges :

Sum of for the following services

300.00	Consultation

To be paid by
By is due to this office.

Sincerely,

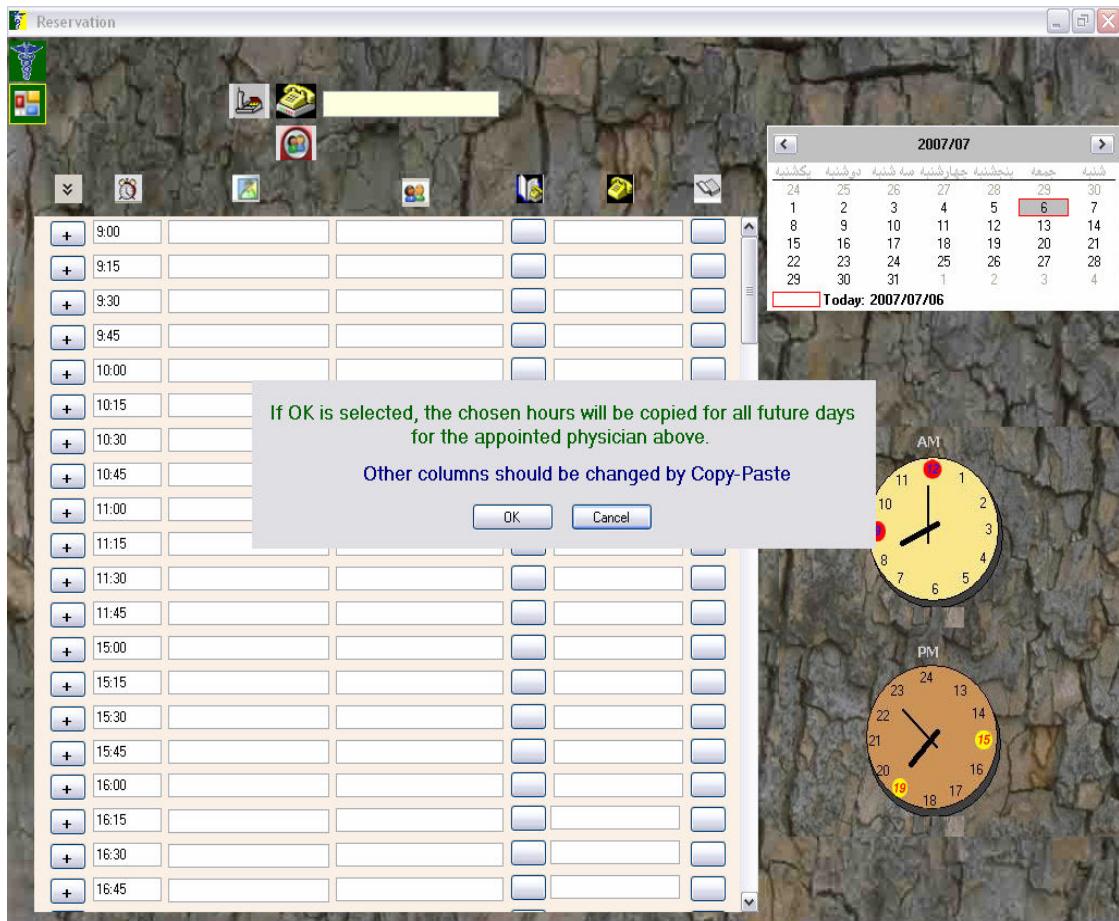
No. 41, 5th Ave, Blue Cross Medical Center, New York, New York, 14155





Appointments

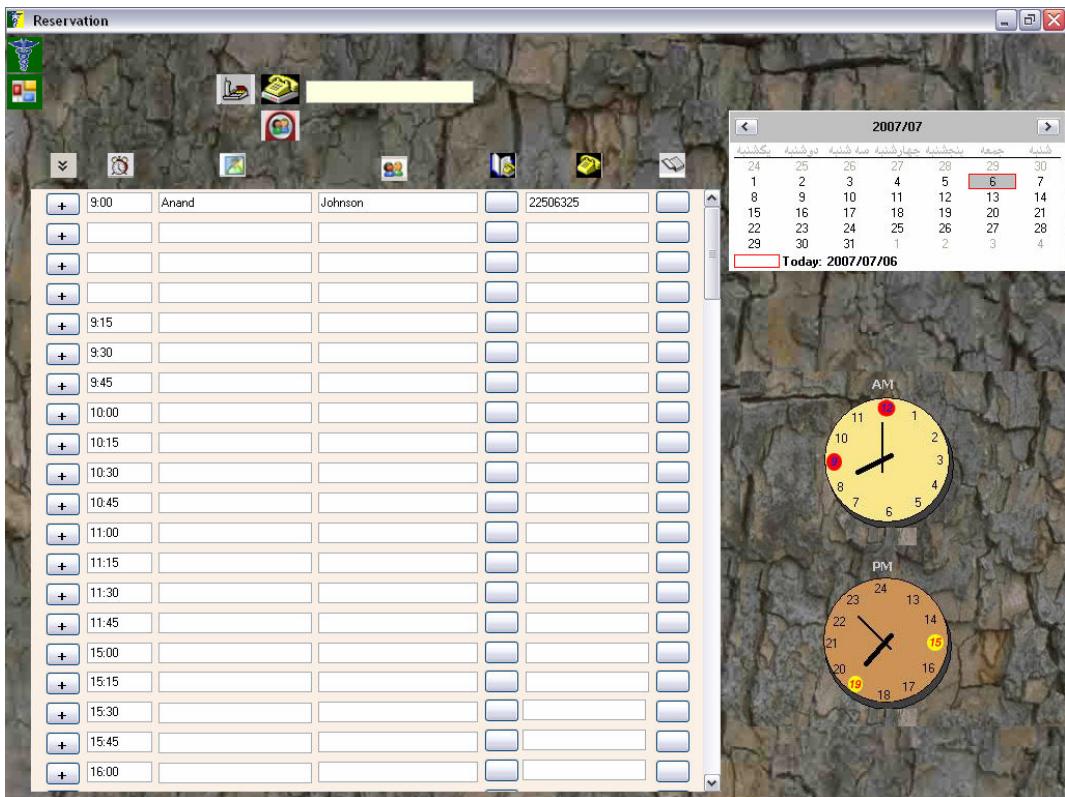
Clerks and secretaries can easily record appointments for patients and clients. Default windows calendar always shows the current day when opening the appointment form. A note pad with 124 rows for each day responds to any day chosen by clicking on the calendar. Hypothetically, there are indefinite pages in the notepad. Polyclinics with many professionals benefit other versatilities of the same form. By choosing the name of any professional staff on the top of the page, a new notepad appear with the same color as the Doctor' s name box and will follow her/his properties. The administrator from the settings must activate this feature.



Time distribution can be managed by clicking on the clocks. Indicate time schedules from 1 to 24, 1st on AM, then on PM clock. If you need to make additional appoitments,

more than one patient every 15 minutes, click + once, then add the name in that row.

First and family names can be typed using auto complete feature. Users may benefit from “Caller ID” program in the accessory section to find incoming numbers. You can drag and drop or copy-paste the number to the appropriate box. Automatic identification will take place should the number match one in the telephone directory database. User can send new names and numbers into the Tel. & Address directory by clicking on the button in the same row.



Transferring names from Appointment form into the Reception form when the patient attends her/his appointment, is automatic by one click.

Quick search and identification of similar names in the system database will take place here.

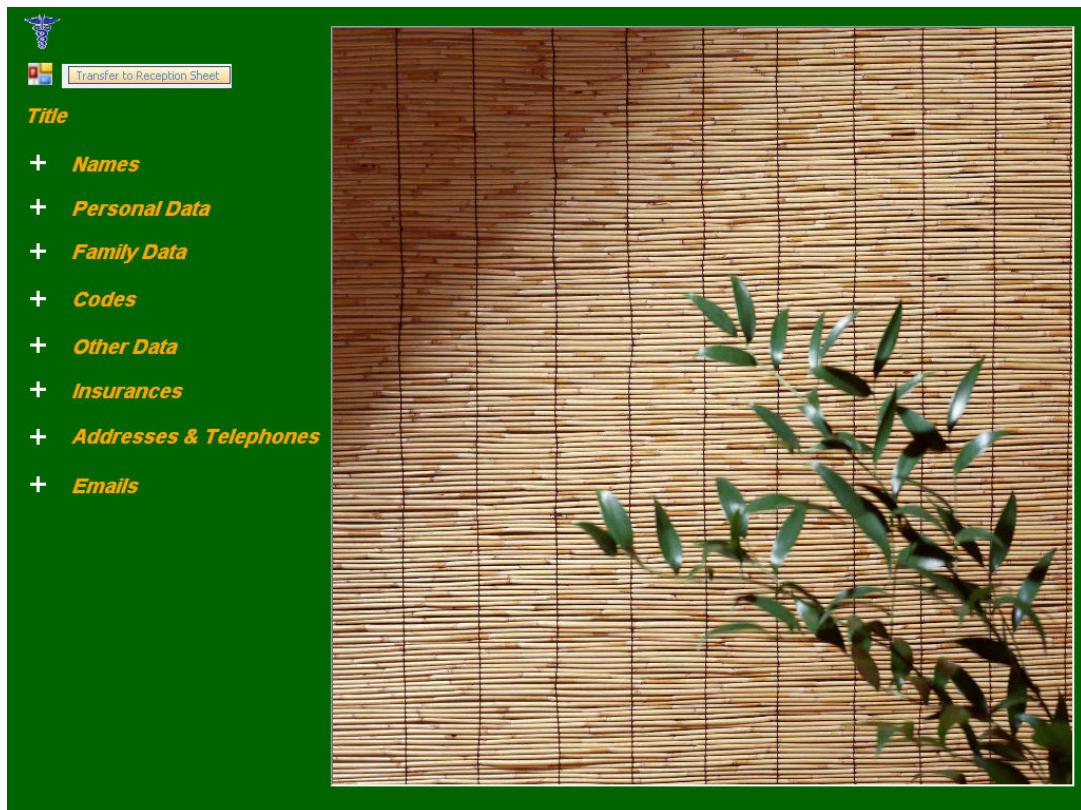
Other commercial programs can be connected to this program to schedule appointments automatically in the clinic on off hours.

Making changes or repeating time schedules for other days can be managed by variety of options listed in option button.

We suggest to open Appointment from the beginning of office hours by the clerk or secretaries and keep it opened until the end of working hours, minimizing the page whenever is not in use.

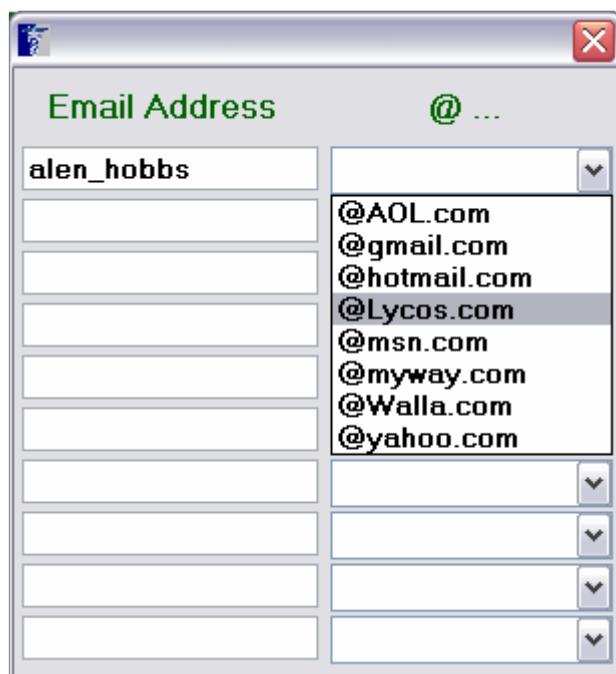
Personal Profile

This graphic and user-friendly form compiles maximum personal data from a patient and stores in a temporary database until medical data is added to it and is sent to permanent archive by the physicians. It receives primary data from the reception sheet, checks the data and identifies similar names in the database, then sends complete data to the examination room for the physician. It is actually the top panel of the patient profile and works two ways. Either secretaries or the treating physician can make completion gradually. In addition, changes can be made at any time.



 <p>Title Mr.</p> <ul style="list-style-type: none"> - Names - Personal Data - Family Data - Codes - Other Data + Insurances + Addresses & Telephones + Emails 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> <p>Names</p> <p>First Name Alen</p> <p>Middle Name</p> <p>Last Name Hobbs</p> </td> <td style="width: 50%;"> <p>Family Data</p> <p>Marital Status Divorced</p> <p>No. of Children 2</p> <p>Pregnancy</p> </td> </tr> <tr> <td colspan="2"> <p>Personal Data</p> <p>Birth Date 38 / 10 / 20</p> <p>Birth Place Arlington</p> <p>Father's Name Kewin</p> <p>ID No. 45281</p> <p>Nationality British</p> <p>Job Artist</p> <p>Handicap None</p> <p>Age 68/7/26</p> <p>Gender Male</p> <p>City / Suburb Arlington</p> </td> </tr> <tr> <td colspan="2"> <p>Codes</p> <p>Social Security 457-85-8596</p> <p>Zip Code 24587</p> <p>Other Code</p> </td> </tr> <tr> <td colspan="2"> <p>Other Data</p> <p>Companion</p> <p>Major Hobby</p> <p>Degree BS</p> <p>Referred By</p> <p>Other Personal Data</p> </td> </tr> </table>	<p>Names</p> <p>First Name Alen</p> <p>Middle Name</p> <p>Last Name Hobbs</p>	<p>Family Data</p> <p>Marital Status Divorced</p> <p>No. of Children 2</p> <p>Pregnancy</p>	<p>Personal Data</p> <p>Birth Date 38 / 10 / 20</p> <p>Birth Place Arlington</p> <p>Father's Name Kewin</p> <p>ID No. 45281</p> <p>Nationality British</p> <p>Job Artist</p> <p>Handicap None</p> <p>Age 68/7/26</p> <p>Gender Male</p> <p>City / Suburb Arlington</p>		<p>Codes</p> <p>Social Security 457-85-8596</p> <p>Zip Code 24587</p> <p>Other Code</p>		<p>Other Data</p> <p>Companion</p> <p>Major Hobby</p> <p>Degree BS</p> <p>Referred By</p> <p>Other Personal Data</p>	
<p>Names</p> <p>First Name Alen</p> <p>Middle Name</p> <p>Last Name Hobbs</p>	<p>Family Data</p> <p>Marital Status Divorced</p> <p>No. of Children 2</p> <p>Pregnancy</p>								
<p>Personal Data</p> <p>Birth Date 38 / 10 / 20</p> <p>Birth Place Arlington</p> <p>Father's Name Kewin</p> <p>ID No. 45281</p> <p>Nationality British</p> <p>Job Artist</p> <p>Handicap None</p> <p>Age 68/7/26</p> <p>Gender Male</p> <p>City / Suburb Arlington</p>									
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<p>Other Data</p> <p>Companion</p> <p>Major Hobby</p> <p>Degree BS</p> <p>Referred By</p> <p>Other Personal Data</p>									

Should the user activate the feature from the settings, intelligent behavior begins with selecting a title like (Neonate). In this case, all unrelated topics to neonates will become inactive, or if in marital status, the user chooses "single", number of children and pregnancy becomes inactive if so instructed in the settings.



Other interesting feature of this form is the age calculation from the birth date which will appear immediately on the patient's profile as soon as the clerk enters the birth date in the reception area. Multi insurance patients can record the data in special smart boxes in this region.

The screenshot shows a patient profile form with a sidebar menu on the left and various data entry fields on the right.

Sidebar Menu:

- Title: Mr.
- Names
- Personal Data
- Family Data
- Codes
- Other Data
- + Insurances
- + Addresses & Telephones
- + Emails

Data Entry Fields:

Names		Family Data	
First Name	Robert	Marital Status	Single
Middle Name	A.	No. of Children	
Last Name	Edwards	Pregnancy	
Personal Data		Codes	
Birth Date	49 /01 /20	Social Security	125-45-548666
Birth Place	Monroe,La	Zip Code	14155
Father's Name	John	Other Code	
ID No.	45896	Other Data	
Nationality	US	Companion	
Job	Carpenter	Major Hobby	
Handicap	None	Degree	High School
Age	58/4/19	Referred By	Other Pts
Gender	Male	Other Personal Data	
City / Suburb			

Insurances:

Insurance Name	Insurance No.	Insurance Serial	Validity Date
e Cross, Blue Shield	879214	00121	

The screenshot shows a patient profile form with a sidebar menu on the left and a detailed data entry field on the right.

Sidebar Menu:

- Title: Mr.
- Names
- Personal Data
- Family Data
- Codes
- Other Data
- + Insurances
- + Addresses & Telephones
- + Emails

Data Entry Fields:

Names		Family Data	
First Name	Robert	Marital Status	Single
Middle Name	A.	No. of Children	
Last Name	Edwards	Pregnancy	
Personal Data		Codes	
Birth Date	49 /01 /20	Social Security	125-45-548666
Birth Place	Monroe,La	Zip Code	14155
Father's Name	John	Other Code	
ID No.	45896	Other Data	
Nationality	US	Companion	
Job	Carpenter	Major Hobby	
Handicap	None	Degree	High School
Age	58/4/19	Referred By	Other Pts
Gender	Male	Other Personal Data	
City / Suburb			

Addresses & Telephones:

Telephones	Addresses
No. 4, Madison Ave, New York, New York	

Interoffice Memo

This easy to use interface can exchanging notes among professionals and personnel in a large clinic and informing patients of their appointments or rescheduling when decided by medical staff.

The image shows a software interface for managing interoffice memos. On the left, there is a table titled "List Interoffice memo" with columns: Row, Who, Hour, Week Days, Day, Month, Year, and Type. The table contains three rows of data. On the right, there is a dialog box titled "Insert Interoffice memo" with various input fields and dropdown menus. The fields include: Who does it? (text box), Hour (text box), Week days (dropdown menu set to Sunday), Day (text box), Month (dropdown menu currently showing March), Year (dropdown menu showing January through August), What is to be done? (dropdown menu showing options like April, May, June, July, August), What (text box), Where (text box), What about (text box), Title (text box), First Name (text box), Family (text box), Telephone (text box), Email (text box), Reason to remind (text box), Description (text box), and an Insert button. At the bottom of the dialog box, there is a note: "Attention ! DO NOT USE Single Quotation ('')."

Row	Who	Hour	Week Days	Day	Month	Year	Type
1	Dr Smith	7:55 PM	Wendsday	06	December	2007	T
2	Dear Mary	03:30	Saturday	20	April	2007	F
*							

Insert Interoffice memo

Who does it? _____

Hour _____

Week days: Sunday

Day _____

Month: March

Year: March

What is to be done?: March

What: _____

Where: _____

What about: _____

Title: _____

First Name: _____

Family: _____

Telephone: _____

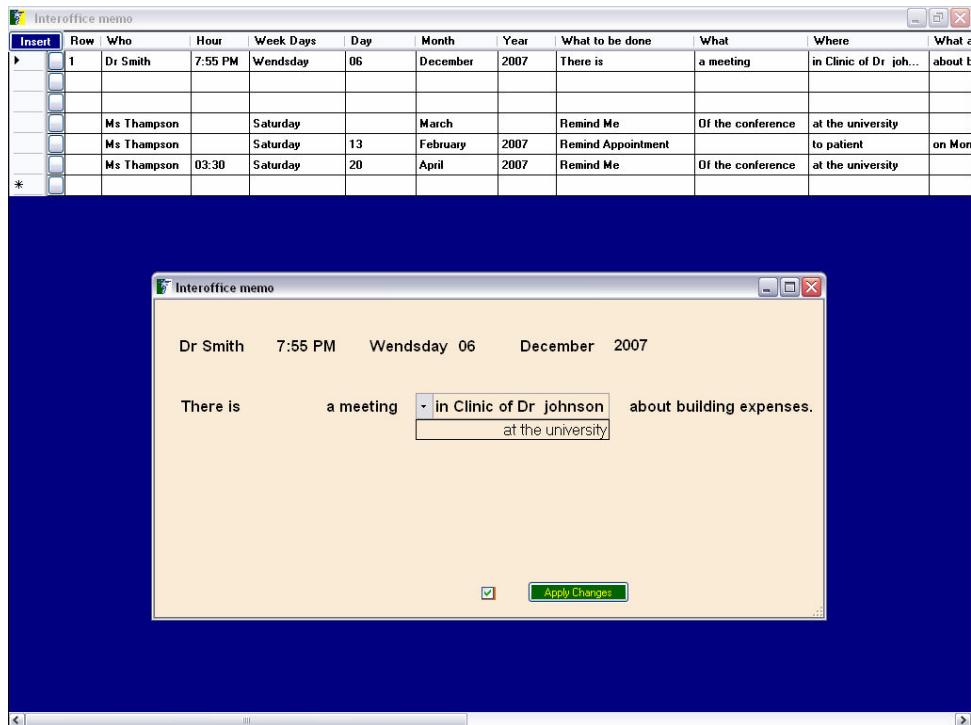
Email: _____

Reason to remind: _____

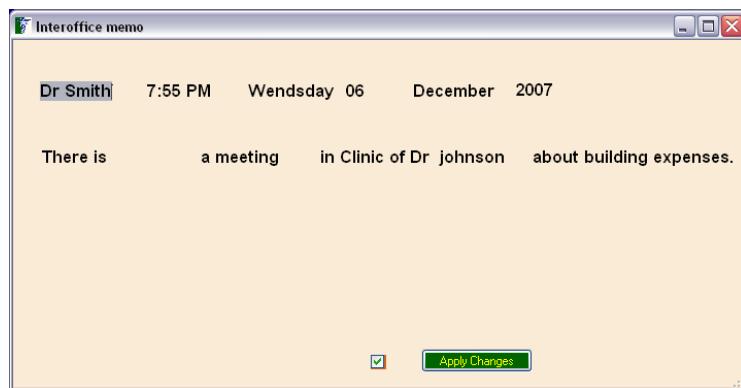
Description: _____

Attention ! DO NOT USE Single Quotation (')

Insert



Any of the staff in the medical clinic can open this form, click “Insert” and fill out boxes by typing in them or use previously typed phrases by the auto complete feature. The message will be inserted in the main grid form. Upon opening the program or the selected day, a popup will remind the staff to check on the memo. Clicking on the related row detail button will show the message graphically.



Should the user open an interoffice memo within a patient’s profile; the patient’s name will appear automatically in the appropriate boxes to remind office workers to recall her/him for appointments. Please, check mark the last box when you finish the task.

Patient Profile (PP)

PP is the central theme of the Clinical Management Program. The physician in single user version can open the main switchboard or it can be completed in part by the secretary or clerks in the reception area before physician begins to complete the two medical panels in the multi user version. It is a smart page for complete medical and personal data recording of a patient or for the preventive care data collection, from birth to old age. It consists of three panels. The top two lines are designed for the most important personal data. It is extended into four lines by one click and by another personal profile page opens to show complete personal data. Each item can be filled out by typing, combo box or auto complete. Each new word or name will be stored, to use later by auto complete feature. Multi selection lists are used for some items like insurance or presenting symptoms (CC) in the next panel.

	Title	Mr.	First Name	Alen	M. Name	Last Name	Hobbs	Age	68/7/26	Job	Artist	Birth Place	Arlington		
	Insur. Name	Medicare		Marit. Status	Divorcer	Child. No.	2	Preg.		Gender	Male	Ref. By	None	1st Ad.	2007/06/11
CC: None (Health Care)					Dx:					<input type="text" value="2007/06/19"/> <input type="button" value="< 002 >"/> Sb: /NCC Ob: As: PL: DD PX: RX: IP: OP: Co: PC Blood Pressure & FBS					
PI: He is referred for Preventive care PJ: Not remarkable. PK: PE: ABDOMEN: Soft, non-tender without organomegaly or masses., CARDIAC: Soft, non-tender without organomegaly or masses., CONSTITUTIONAL: No apparent distress. Well nourished and well developed., EYES: No exophthalmus, pupillary reaction is normal and EOM intact., HEAD/FACE: Normocephalic., LYMPHATIC: No palpable cervical, supraclavicular or auxiliary adenopathy., No Neurological findings,Normal in other organ function															
G: C: A: L: D: HC: HT: 170 Wg: 65 Tg: BP: 120/80															
DD: PX: RX: IP: OP:															

Age can be auto calculated by typing birth date by the clerk or physician. It should not be entered directly if auto calculation is expected.

Day and month must be entered in two digits. Intelligent inactivation of unnecessary items will begin by selecting title, both in the first panel and in personal profile, if it is instructed to do so in the Settings.

The screenshot shows a medical software interface with the following details:

- Patient Information:** Title: Mr., First Name: Robert, M. Name: A., Last Name: Edwards, Age: 58/4/19, Job: Carpenter, Birth Place: Monroe, La.
- Insurance:** Insur. Name: Ble Cross, Blue Sh Marit. Status: Single, Child. No.: Preg.: Gender: Male, Ref. By: Other Pts: 1st Ad: 2007/06/09
- Chief Complaint (CC):** LBP+Sciatalgia
- History of Present Illness (PI):** 2 year duration, radiating to R leg since mechanical, with some inflammatory
- History of Past Illness (PH):** Addicted to: Cigar., Diabetic, Hypertension
- Family History (FH):** Discal herniation in father
- Physical Examination (PE):** SLR positive > 40 on R. leg
- Diagnoses (DX):** A dropdown menu listing various medical conditions including: Lumbar spondylosis, Lumbar spondylolisthesis, Cauda equina tumor, Pelvic tumor, Spinal AVM, Pan coast tumor, Cystic fibrosis, Autoimmune gastrointestinal disorders, Anti GBM antibody disease, Juvenile chronic arthritis, Scleroderma, etc. The "Cauda equina tumor" option is selected.
- Other Fields:** 2007/06/13, < 002 >, Sb:/NCC:, Ob:, As:, PL:, DD:, RX:, RG:, IP:, OP:, Co:, PC:, G:, P:, A:, L:, D:, HC:, HT:, Wg:, Kg BP:, etc.

Larger panel is used for the first visit. Upon saving the page, first admission date will become fixed for later identification of the patient.

Five levels of action for panels in this important form are designed.

Typing in front of topic like CC or PI is useful in the beginning of using this software. Words, phrases and sentences for each chief complain can be saved for other similar patients by highlighting it, then right clicking on the topic (PI, PH etc). The sentences cannot be longer than 50 characters, otherwise will not be saved. What is saved is for that topic only. Next feature is to open general lists without clicking filter button.

Title	Mrs.	First Name	Helen	M. Name	K.	Last Name	Jones	Age	52/7/25	Job	Housewife	Birth Place	New Hamp
Insur. Name	None	Marit. Status	Married	Child. No.	1	Preg.	No	Gender	female	Ref. By	Dr. Roberts	1st Ad.	2007/06/10
CC: Headache				DX: Migraine									
<p>PI: 1 year duration., Aggravated by light,noise,food,smell,temp&Agitation, Chronic, intermittent, pulsating, Previously diagnosed.</p> <p>PH: Head Trauma 11 months ago.</p> <p>FH: Migraine in Family.</p> <p>PE: No neurological findings, good other organ functions.</p> <p>G: P: A: L: D: HC: HT: Wg: Xg BC:</p> <p>DD: Tension, Sinusitis, Migraine</p> <p>PC: None</p> <p>RX: Avmigran* prn</p> <p>IP:</p> <p>OP:</p> <p>Co:</p> <p>PC:</p>													
<p>2007/06/13 < 002 ></p> <p>Sb: CC:</p> <p>Ob: <input checked="" type="checkbox"/> Headache <input checked="" type="checkbox"/> Anxiety <input type="checkbox"/> Seizure <input type="checkbox"/> Vertigo <input type="checkbox"/> Head Trauma <input type="checkbox"/> Cervical Pain <input type="checkbox"/> Low Back Pain <input type="checkbox"/> Shoulder Pain <input type="checkbox"/> Depression <input type="checkbox"/> GH Adenoma</p> <p>PL:</p> <p>DD:</p> <p>RX: Algorithm < > Filter OK</p> <p>IP:</p> <p>OP:</p> <p>Co:</p> <p>PC:</p>													

Here, all lists are general and words, phrases and sentences are common to all chief complains. Paragraphs can be placed in the second patch list for easier access.

Paragraphs must be saved through the Medical Library form.

Chief complain (CC) list is multi select option list. The word chosen last can be filtered for. Words used most in this list will move upward to make later choices easier. To choose presenting symptoms click the small box in front of it twice, then press filters and then OK. This is the third feature of this form. All lists, thereafter, are filtered for the last chief complain chosen.

If the physician needs to open algorithm, click the related icon before pressing OK in the CC list. "Word" based algorithm opens to the left of the page. Physicians can drag and drop or copy-paste phrases or words into the patient profile panel. For each use, the new page hides behind the PP page, but can be reopened by clicking the icon on the taskbar below the desktop.

Title	Mrs.	First Name	Helen	M. Name	K.	Last Name	Jones	Age	52/7/25	Job	Housewife	Birth Place	New Hampshire		
Insur. Name	None			Marit. Status	Married	Child. No.	1	Preg.	No	Gender	female	Ref. By	Dr. Roberts	1st Ad.	2007/06/10
CC:	Headache				Dx: Migraine										

PI: 1 year duration., Aggravated by light,noise,food,smell,temp&Agitation, Chronic, intermittent, pulsating, Previously diagnosed.

PH: Head Trauma 11 months ago.

FH: Migraine in Family.

PE: No neurological findings, good other organ functions.

G: **C:** **A:** **L:** **D:** **HC:** **HT:** **Wg:** **Qd** **BP:**

DD: Tension, Sinusitis, Migraine

PX: None

RX: Avmigran* prn

IP:

OP:

PC:

2007/06/13 < 002 >

Sb:/cc:
Ob: Headache is not reduced in
 Headache is reduced in no & intensity

As:
Pl:
DD:
PX: Select Paragraphs < > OK
RX:
IP:
OP:
Co:
PC:

AV Folder as the fifth level of PP page can be opened by right click on any of the topics on both sides. Dx, DDx on the left and right panel has tree configuration and can be read about under separate topic. New CC on the right panel is the same as the left panel and is used for patients with new presenting symptoms after being treated for another previously. Therefore, one profile suffices for one person all through her/his life either with a single GP as the main physician or in a multi specialty polyclinic or hospital.

Title	Dr.	First Name	Susanne	M. Name	G.	Last Name	Schmidt	Age	23/7/5	Job	Assist. Prof	Birth Place	Berlin		
Insur. Name	NIC			Marit. Status	Married	Child. No.	1	Preg.	Yes	Gender	Female	Ref. By	None	1st Ad.	2007/06/10
CC:	Facial Palsy				Dx: Bell's Palsy										

PI: Sudden palsy of the left side of the face.

FH: Diabetic, history of the same palsy.

FJ: None

PE: Uneventful except for the above. Peripheral in nature.

G: Headache, without organic disease or masses.
 CARDIAC: Soft, non tender, without arrhythmia or masses.
 CONSTITUTIONAL: No abdominal distress. Well nourished and well developed.
 EYES: No exophthalmos, pupillary reaction is normal and EOM intact.
DD: HEAD/FACE: Nonneurologic.
 LYMPHATIC: No palpable cervical, supraclavicular or axillary adenopathy.
 MUSCULOTENDINOUS: Normal musculature, no skeletal tenderness or joint deformity.
PX:
 NECK: Supple, without adenopathy or enlarged thyroid.
 No Neurological findings.Nomal in other organ function.
 No Neurological findings.
 NOSE/MOUTH/THROAT: No nasal deformity,mucous membranes normal, tongue is normal.
 Pupiledema, blurred vision

RX: Select Paragraphs OK

IP:

OP:

PC:

2007/06/13 < 002 >

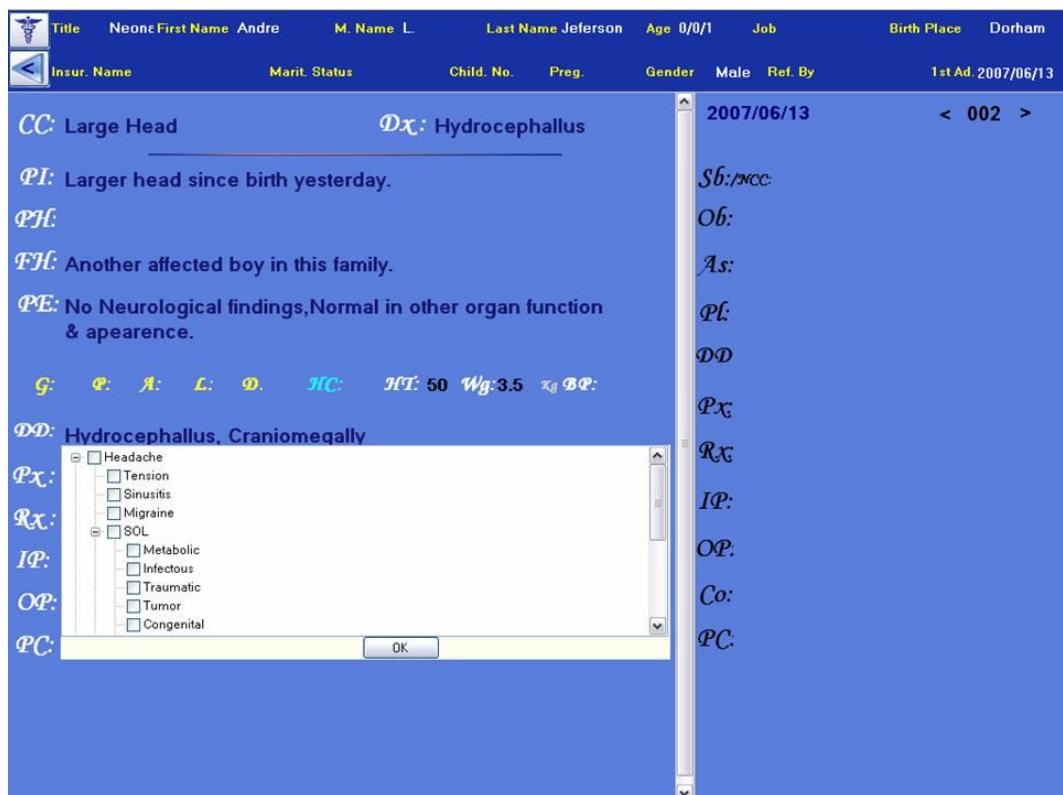
Sb:/cc:
Ob:
As:
Pl:
DD:
PX:
RX:
IP:
OP:
Co:
PC:

Preventive Care (PC) is another section, which opens within this page. Please read about it under separate topic.

By completing the first visit, physicians can save the page. A code and a number will be given to the patient profile and sent to database. In this stage, visit number on the right panel is 000. Reopening the profile will change this number to 002, making the page ready for the second visit, but if nothing is written in this panel, it will not be saved as second visit and will not be dated.

Attention:

**In order to avoid mixing patient data, NEVER LEAVE
TWO "Patient Profile" WINDOWS SIMULTANEOUSLY
OPEN.**



In order to find the chief complain you are looking for, highlight one in random. Then click the first letter your desired word begins with, keep clicking until you find your word. Next, click on the box in front of the word and next OK,

or Algorithm box and /or Filter box if you desire filtered lists for the CC chosen .In rare cases, with two or more CCs, physicians can select two or more chief complains for the patient. It can be filtered for the last choice. Filtering feature for one CC will follow for all other visits unless. NCC is chosen in later visits.

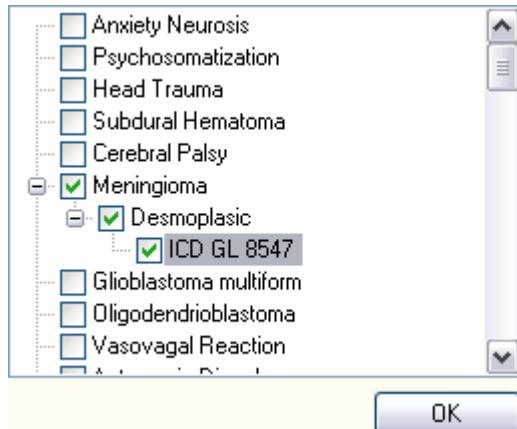
The screenshot shows a medical software interface with the following details:

- Patient Information:**
 - Title: Mr.
 - First Name: Anand
 - M. Name: R.
 - Last Name: Rao
 - Age: 43/4/19
 - Job: computer A
 - Birth Place: New Dehle
 - Insur. Name: None
 - Marit. Status: Divorced
 - Child. No.: 2
 - Preg.: 0
 - Gender: Male
 - Ref. By: Dr. Roberts
 - 1st Ad: 2007/06/10
- Chief Complaint (CC):** Anxiety
- Dx:** (Listed below CC)
- PI:** 1 year duration., IBS, headache, Palpitation, insomnia,, Nervousness and agitation., tremor, sleep disturbance.
- PH:** Addicted to: Cigarettes
- FH:** (Listed below PH)
- PE:** (Listed below FH)
- G:** (Listed below PE)
- DD:** (Listed below G)
- PX:** Laboratory, CBC, Sed Rate, 2 FBS, Uric Acid, BUN, (Listed below DD)
- Other Fields:** Sb:/NCC, Ob:, As:, Pl:, DD, Px:, Rx:, IP:, OP:, Co:, PC: (Listed vertically on the right side)

Should a patient exceed 999 visits, a second supplementary patient profile may be opened for her/him with similar name + two in front of it for easy identification and search of files in the Medical File Closet.

Definitive Diagnosis (Dx)

Final diagnosis (Dx), like differential diagnosis (DD) in the first visit or later visits panel and similar to pharmaceutical form uses tree system configuration. Adding data to this system can be learned in separate topic (Trees). In Dx, name of known illnesses encountered most in any profession can be listed and subcategories, like pathologies, ICD codes or other ID codes can be added for easy identification and selection. It can be used anytime the final diagnosis is reached. If several diagnoses are reached, they all can be added at any time. Listing a scientific differential can be helpful in assessment and planning of treatment.



Obstetrics & Gynecologists or Pediatricians can activate their own patch from the settings (Settings – Patient Profile).



Psychiatrists can use their special paragraph headings in PI – General List – Paragraph and fill out their specialized present illness report or interview.

PI: Psychiatric Profile: Psychiatric Exam. General Appearance/ Motor Behavior/ Attention during interview/ Mood/ Affect/ Speech/Perceptual disorders/ Thought Content/Thought process/ Sensorial/ Memory: Remote/ Recent/Immediate/Concentration& Calculation/Information & Intelligence/ Judgment/ Insight Level

Diagnostic Procedures & Tertiary Care (Px)

Clicking on Px title on patient profile either on the right or left panels open to previously saved phrases for prompt recording. The green Px button opens to large diagnostic procedure and tertiary care form. This form acts to guide professionals to choose procedures they, themselves added from the Medical Literature form.

Click headings and then details you like to appear on the printed form. Check their accuracy and press copy in PP. Next, order the printer to print forms you have already designed. Intermediary printable forms will appear, waiting for your final check and print order, one after the other.



Tertiary care like physiotherapy or rehabilitation can be managed in similar way; Envelope can be printed through the Referral interface.

Rx

Clinicians can print and hand in readable and beautiful prescriptions to their patients using this unique feature of Clinical Management program.

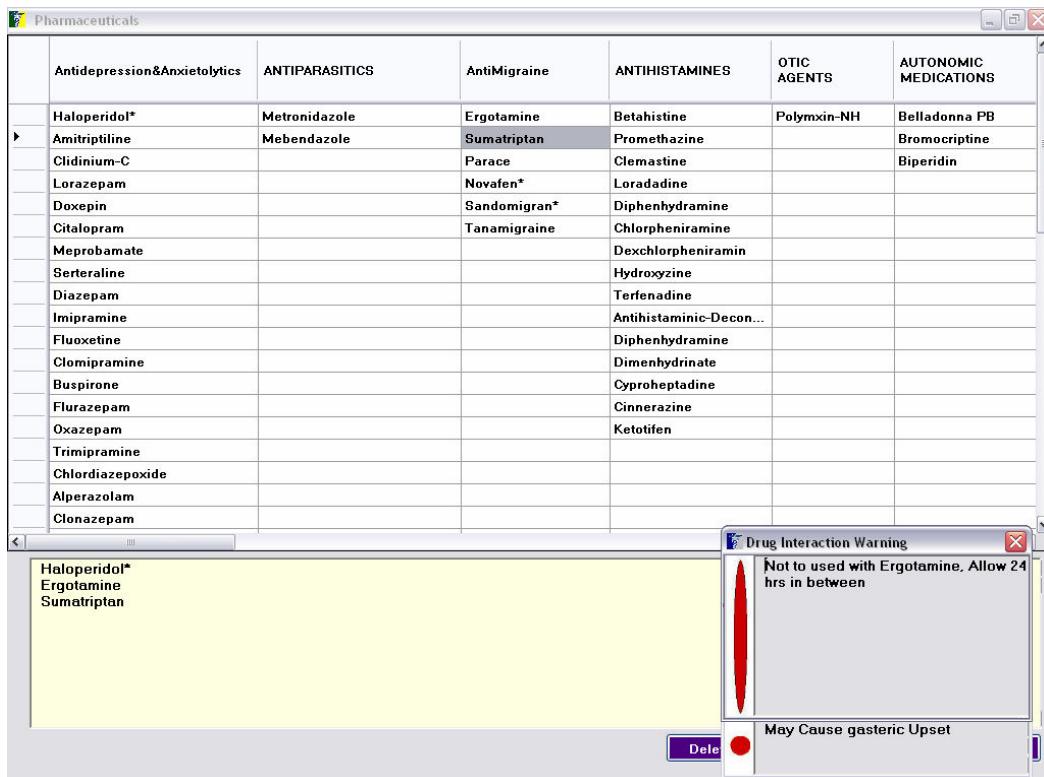
Five interconnecting forms make this feature possible. Professionals add their familiar drugs into “Drug Store” as they become acquainted with a new drug and its side effects, contra indications etc.

Upon visiting patients and filling out their patient profiles, should they decide to prescribe medications, they should:

1- Click on Rx title on the panel you are working, pharmaceutical grid form will open; your favorite drugs appear under standard or modified standard categories. By choosing any generic drug listed, three events will happen simultaneously:

The screenshot displays a clinical management software interface. At the top, there is a header bar with various patient details: Title (Dr.), First Name (Susanne), M. Name (G.), Last Name (Schmidt), Age (23/7/5), Job, Assist. Prof., Birth Place (Berlin). Below this is a toolbar with icons for insurance (NIC), marital status, and other medical records. The main area contains two text boxes: 'CC: Facial Palsy' and 'DX: Bell's Palsy'. To the right of these boxes is a date field (2007/07/05) and a reference number (< 003 >). Further down, there are several abbreviations: PI, PH, FH, PE, G, Q, A, L, D, HC, HT, Wg, and BP. On the far right, there is a vertical column of abbreviations: SB, OB, AS, PL, DD, PR, RX, and IP. At the bottom, there is a grid titled 'Pharmaceuticals' with columns for Antidepressants & Anxiolytics, Antiparasitics, AntiMigraine, Antihistamines, Otic Agents, and Autonomic Medication. The grid lists various drugs like Haloperidol*, Metronidazole, Ergotamine, Betahistine, Polymyxin-NH, and Belladonna I.

a- The chosen drug will appear on the selection panel and should a side effect is assigned for it, it will open on a popup window from the right bottom corner of the screen.



b- By choosing another drug, contraindications with the preceding one will also popup above the side effect.

c- By choosing any drug its box will move toward upper left corner (both categories and generics) to make selection routinely used drugs by a physician easier by collecting them all in the upper left corner of the page.

2- Next page will show dosage and administration details. Boxes like mg/Kg/m² are specific to the chosen drug. Others are simple comboboxes to make choices easier. Choose drugs at the top, then mood of administration usually by Sig. combo and then recommendations and precautions. Move these last data to the proper panel before going to the next.

Dosage & Administration

Rx

Wt Dos / Kg or m² Ideal Dosage
 X = /24 hrs

Drug's name

Celecoxib	Form	Strength	Disp #	Frequency
Mobic*	<input type="button" value="▼"/>	<input type="button" value="▼"/>	<input type="button" value="▼"/>	<input type="button" value="▼"/>
Celebrin*				
Cebex200*				

Route	Period	Refills	Generic	Sig
<input type="button" value="▼"/>				

Explanations
Recommendations
Cautions
Warns

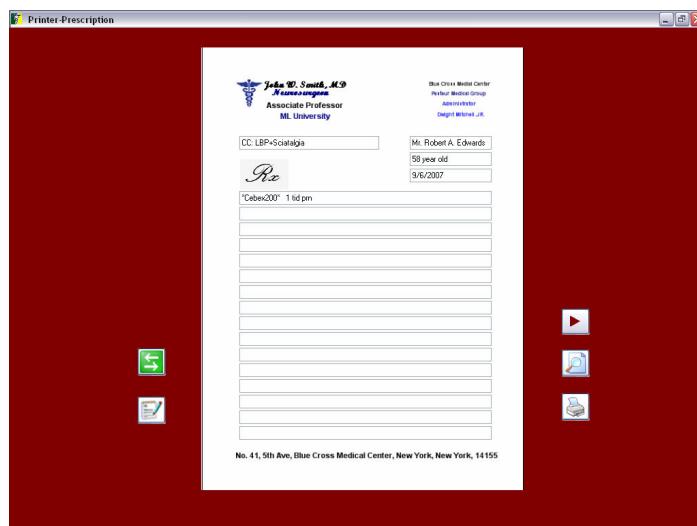
Transfer Texts

Cebex200

Record **Delete Selected** **Delete All** **Print** **Exit**

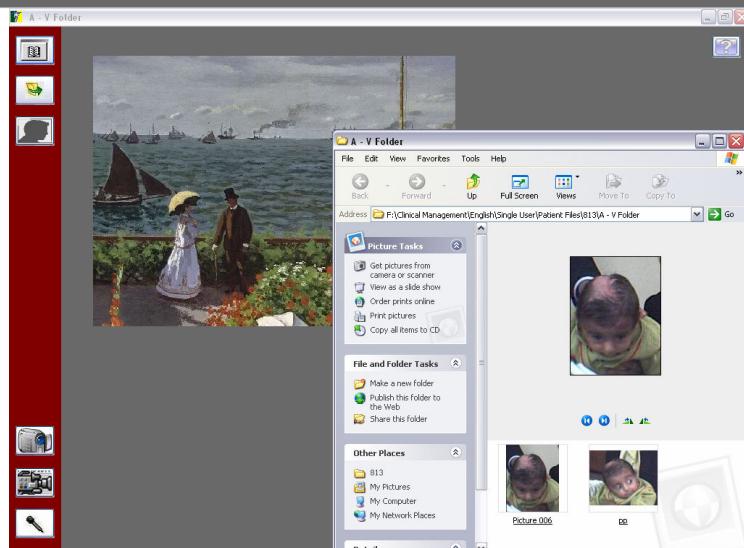
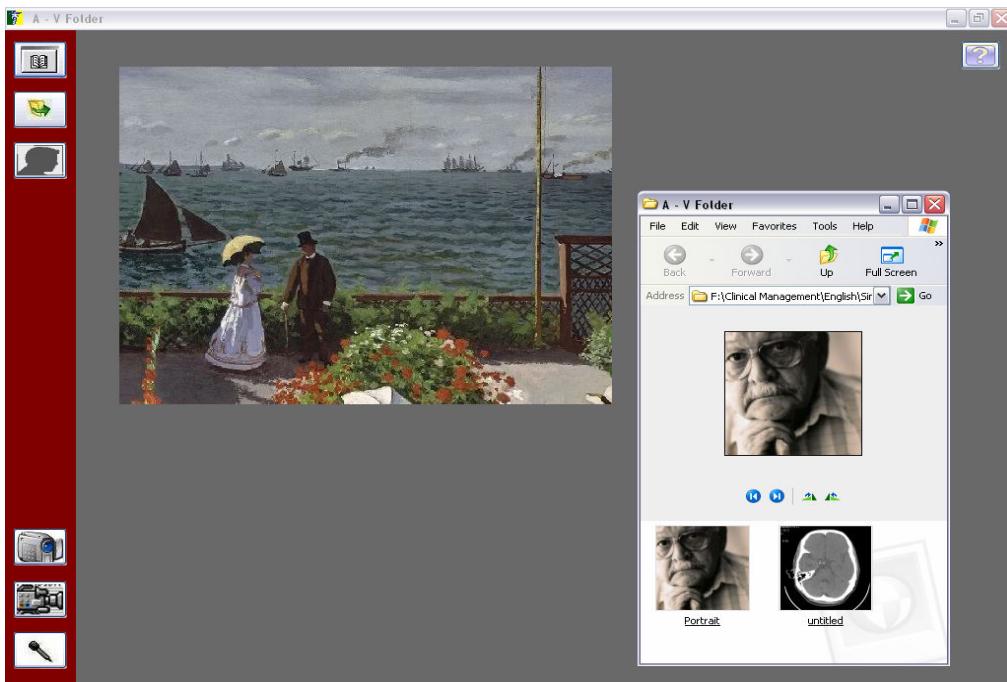
3- Copy the chosen drugs in PP and click print; an intermediary phase will appear, waiting for your last changes or approval.

4- Click print to receive the final printed prescription on the printer tray. Should you have more than 16 lines of prescription, next pages will be printed by clicking next pages button.



A-V Folder

Audio Visual folder opens by right click on most of titles in the left side of both panels in the patient profile, titles like PI, PH etc. It contains all Audio files, video or photo files belonging to the visiting patient. File name is automatically designated by the final diagnosis or the chief complain if the diagnosis is not reached. If a portrait is selected for identification purpose, user can click on the portrait icon on the left side of the page and designate it to show up in archive form for search and identification.



1- “Open Audio” shows all audio visual files belonging to the patient.

2-“Import” on top left of the page inserts all photos or audio files taken and saved for the patient into temporary file into the AV Folder.

3- Clicking on the camera icon opens to, at least, two camera icons belonging to negatoscope and patients' portraits. The camera zooming down is to take photos of documents and negatives like MRI & CTScan...

Camera zooming to the patient seat is to take patient's portrait and/or video clips on a stand position. Sounds around the clinic room are recorded meanwhile. By clicking on any of the cameras, a new window will open and gets ready to take photos. Click “take a picture” on top left of the window, and then right click on one or all of the selected photos taken. Next, click “save my pictures” and then press “Import” button. Now, you have the photos stored permanently in the patients AV Folder with appropriate name for later searches.

***For the first time using this software, do the following steps to install camera icons:**

1- Install cameras according to the manufacturer instruction.

2- Bring its icon to desktop.

3- Click on “Open Camera”, “peripherals” page will open.

4- Drag or copy-paste the camera icon onto the new window and change its name.

5- Repeat the above steps for the second camera.

To record voiced video clips from the patient:

1-Click on “Video Clips”

2- In the new window click on “Capture” and then start capture. At the ends click on “Stop” to end recording.

3-To save the file in the patient's AV Folder, press “Import”.

***For the first time using the software, install the video camera by:**

1- Clicking on “Video Clips” icon.

- 2- In the new window, go to menu file and choose “Set capture file”.**
- 3- Select drive “D” and type “Video” in front of File name.**
- 4- Click Save.**

To record sounds from a patient as an interview, for dictaphone purpose or simply the surrounding sounds in the room:

- 1- Install an adequately sensitive microphone in or about the computer monitor.**
- 2- Click “Record dialogue” button, default sound apparatus will appear.**
- 3- Click “Record” and at the end “Stop”.**
- 4- A file named “Wave1” will be placed in drive D as default program**
- 5- Click on “Import” to transfer it from the temporary folder into the permanent AV Folder.**



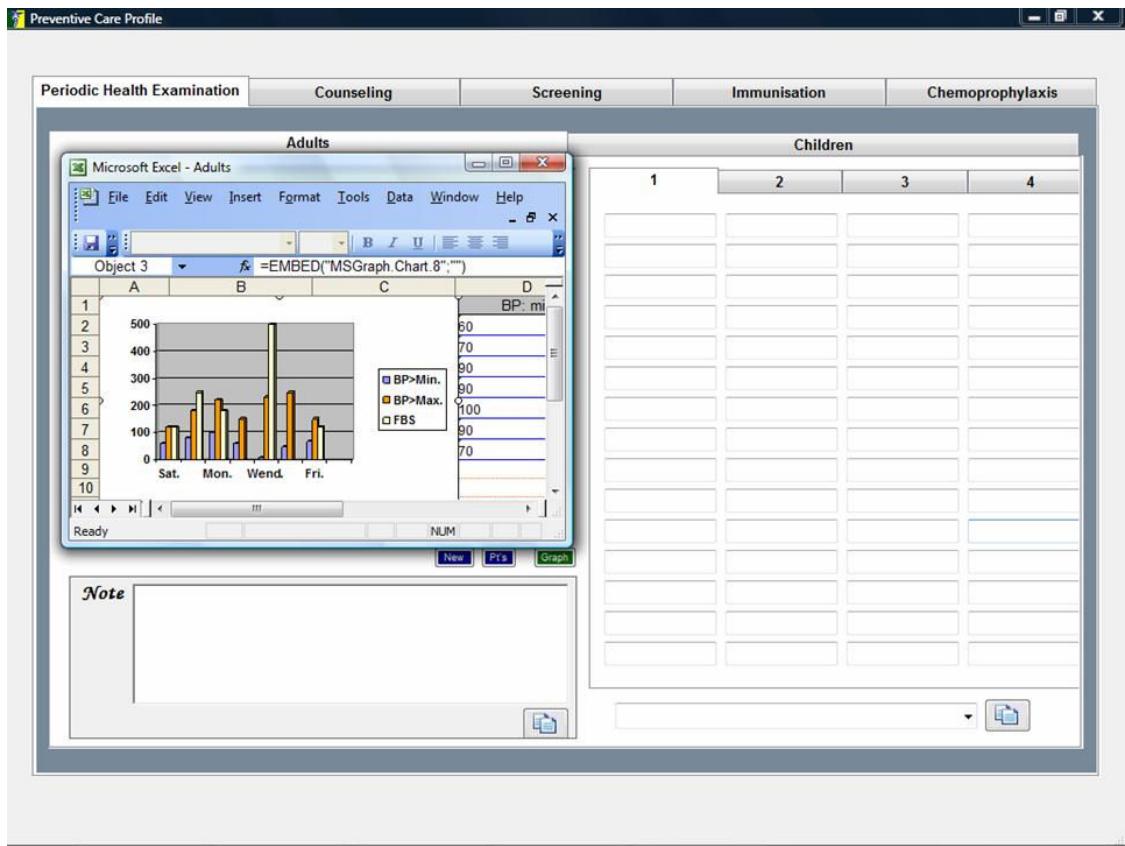
Preventive (Primary) Care (PC)

Preventive & primary medical care profile is an essential part of total health care recommended by World Health Organization (WHO) and achieved mainly by general physicians, but can also be used for recording some of the patient's data by specialists.

Data collection can be done on a five tab form, four of which are WHO recommendation.

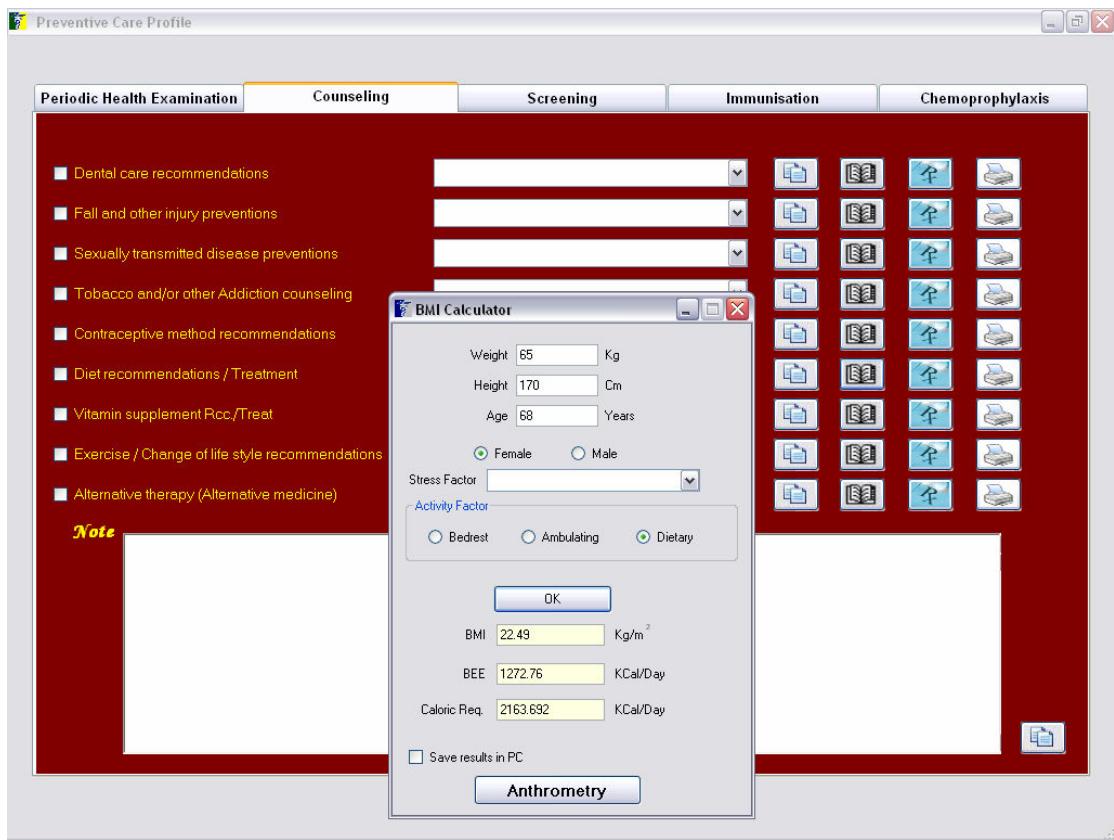
PC interface is opened from a patient's profile in which all data is recorded and saved for the patient being tested. All tabs are supplied with lists for words, phrases and sentences below 100 characters and a separate list for paragraphs. In addition, comboboxes are available in all tabs for typing easily.

PHE tab consists of two tabs: sub-tab for children and another for adults. Each tab contains rich text box for typing and / or opening charts and graphs. Click on graph button, a default Excel graph will open for recording. Double click on the default graph to add measurements by changing the default graph. Saving this altered graph will attach it to your patient file, while saving the default one for the next patient. Clicking the blue button opens another window with your own storage of chats and graphs in Bitmap files. Choose the one you want and do changes on it with "Paint", then save and click pt to be saved for the patient being treated. To use this option, make sure ACDSee program is NOT installed or is NOT default photo manager in your computer. After making or drawing changes on the default photo or graph, click "pt" icon to save it for this specific patient.

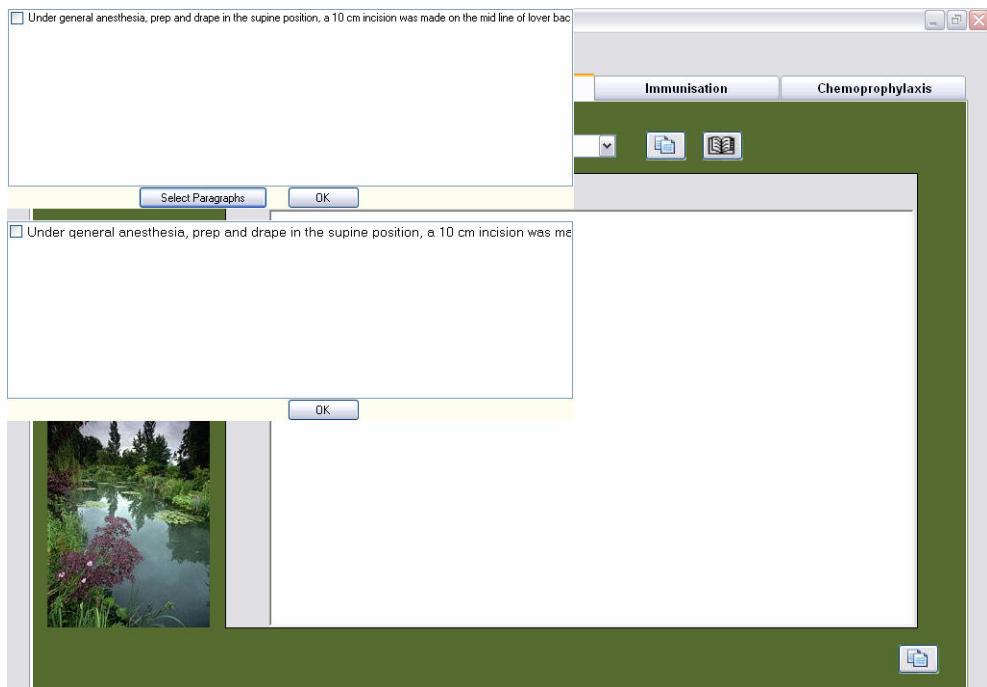


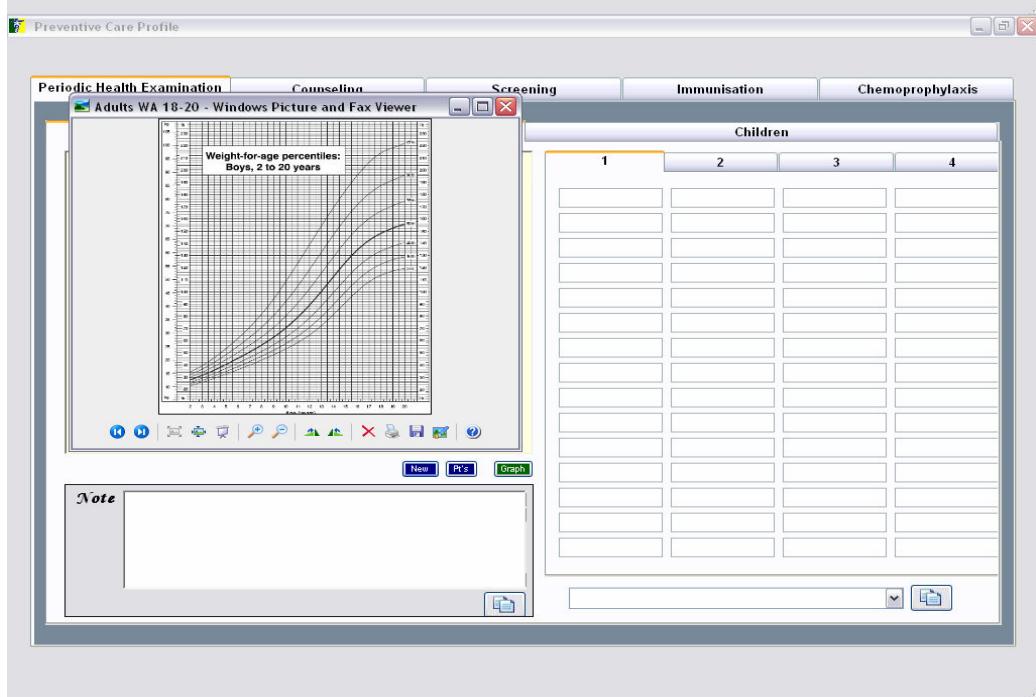
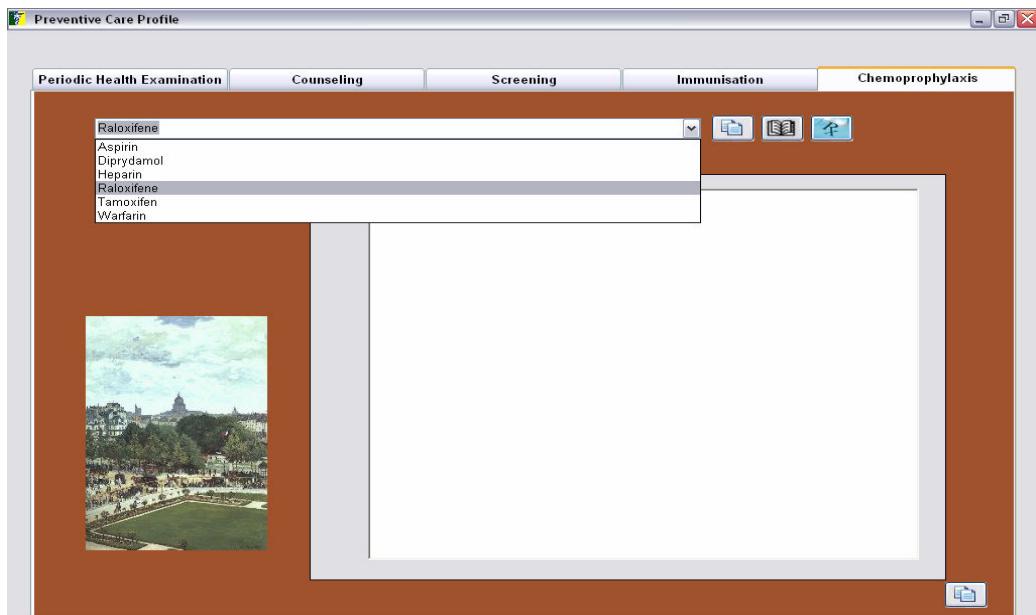
Another chart for writing figures is available on the right side of the tab. Record horizontal line for e.g. day, week or month and the vertical for other lab values like FBS, BS, Urea, etc. There are 4 pages for writing chart or a variety of data recordings.

Counseling tab gives you variety of choices. The list consists of standard WHO protocol for counseling health care. Choose the counseling topic and select handouts. Record it into main PP file and print the hand out for the patient. Opening Rx directly from this page is possible with all its features. Also, opening accessory programs like Alternative Medicine or extended program for Anthropometry is possible from the special icon. A summary Anthropometry calculation, with automated option is available in the diet recommendation row. To connect other extended accessory programs you should go to the settings.



Screening, immunization and chemoprophylaxis all contain comboboxes with some examples to choose, edit, or delete by the user from the Medical Library form. Combo lists contain standard WHO recommendations since the year this software has been produced. All recordings in all tabs can be recorded in the main PP page in addition to the rich text box in which it is typed.

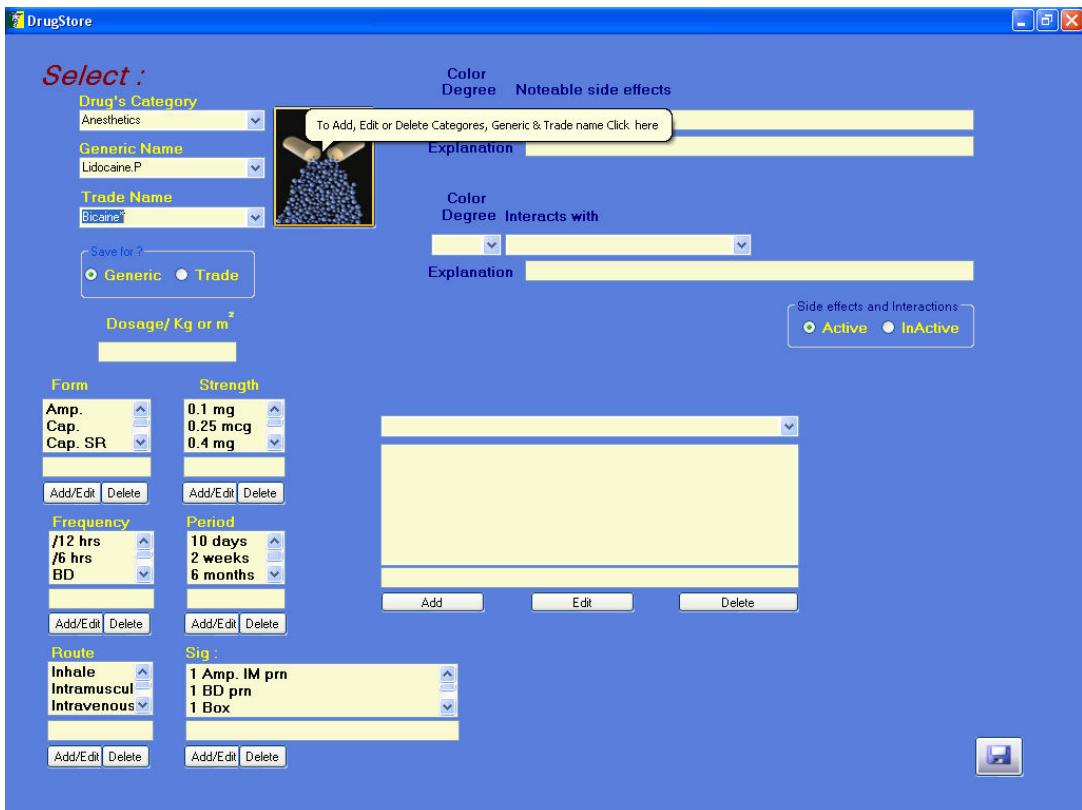




Drug Store

Drug store is the first of five interfaces which completes drug prescription writing and related pharmaceutical management.

Drug can enter the system according to physicians taste and need using this software. By clicking on the large graphic icon on this page “tree system” of the Microsoft, visual basic. Net 2005 will receive generic and trade names of the drugs under standard or modified categories. Read “Medical Literature” and the tree system guidelines for details.



The present page is to use the already entered data for dosage or side effects determination. Add, edit or remove comboboxes accordingly. State side effects or contraindications; select appropriate colors for the effects or activate / deactivate the whole option, once the whole page is considered correct for the shown drug, Save the page for future use in the patient profile Rx system.

Please remember to indicate a side effect for each drug you like to see its contraindication with another one, In other words, interaction feature works only if side effects exist for both drugs involved.

To edit words in comboboxes, select word by clicking on it. Edit it in the box below and press Add/Edit. Next, you should reselect the unwanted word from list and delete it.

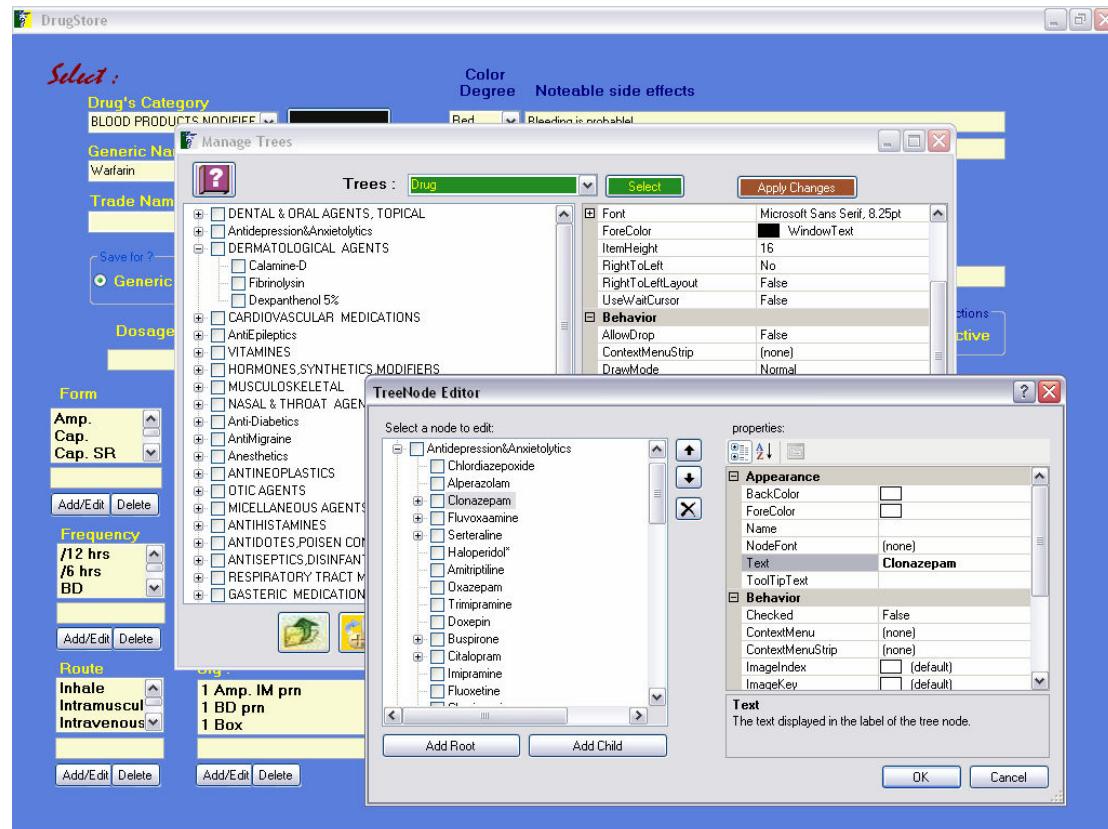
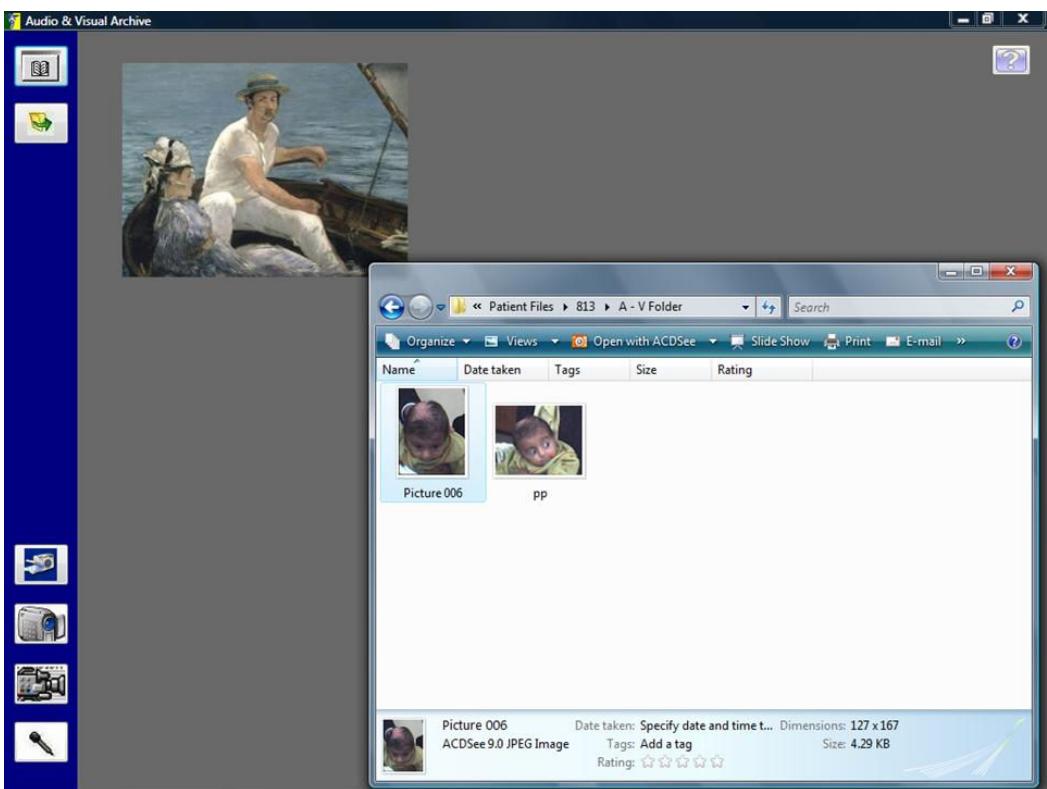


Photo Archive

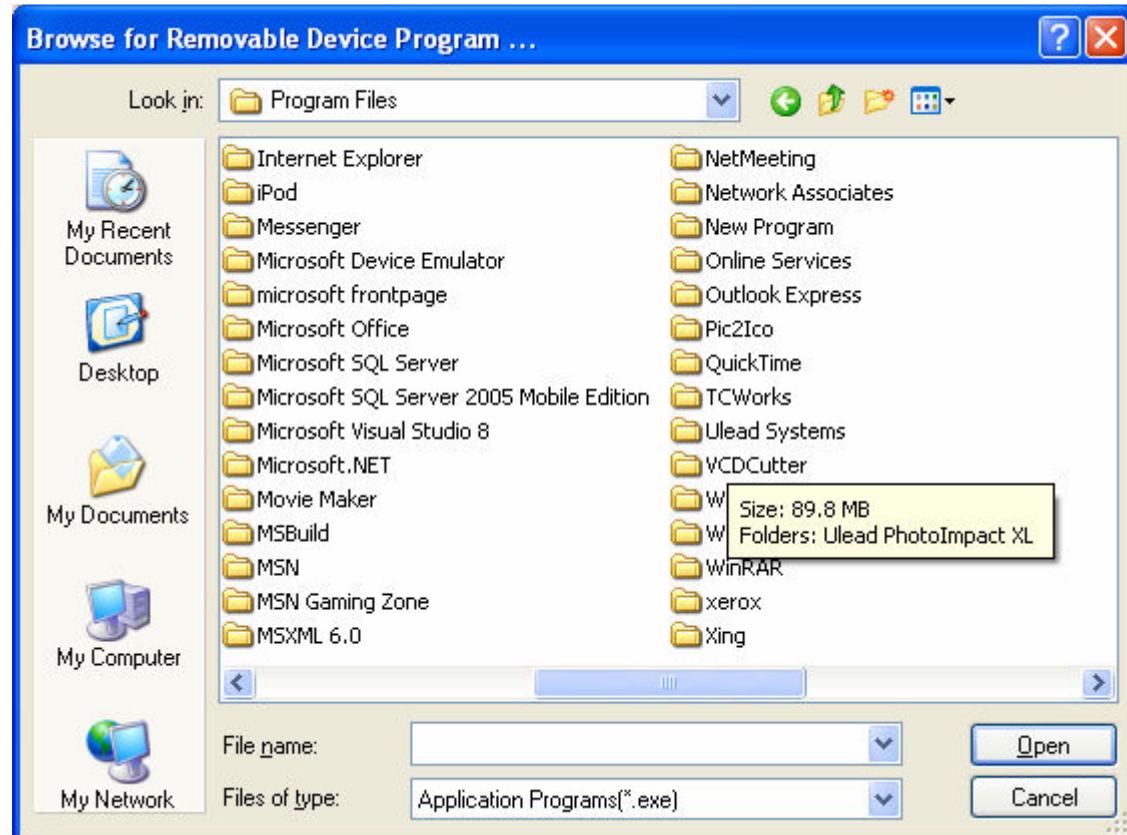
Photo archive stores all non-text files belonging to all patients recorded in this program. Audio, photo or AV files are saved and searchable according to type of files or the automated name they are given when saved though the AV Folder (Dx or CC, if Dx is not reached). Search can be made by clicking on search icon on the taskbar at the top of the page (Windows default).



In addition, interesting non-text files, not having a formal Patient Profile can enter this archive directly. Make sure to rename the file for future searches.

To use this feature, always open the form from the switchboard. Click on “Open Audio...” icon at the top left of the page to open all non-text folders belonging to all patients with their file numbers. Folders formed directly from the switchboard and not having PP number will show up as New when formed. To avoid being replaced by the next incoming folder, change its name to New2, New3, etc.

Removable Cameras can be attached to the computer to enter video clips and outside photos. Download the AV files and folders, then cut and paste them in new folders in this form among other folders.



***For the first time using this software, do the following steps to install camera icons:**

- 1- Install cameras according to the manufacturer instruction.
- 2- Bring its icon to desktop.
- 3- Click on “Open Camera”, “peripherals” page will open.
- 4- Drag or copy-paste the camera icon onto the new window and change its name.
- 5- Repeat the above steps for the second camera.

***To record voiced video clips from a patient:**

- 1-Click “Video Clips”
- 2- In the new window, click “Capture” and then start capture. At the end click “Stop” to end recording.
- 3- To save the file in the patient’s AV Folder, press “Import”.

***For the first time using the software, install the video camera by:**

- 1- Click on “Video Clips” icon.**
- 2- In the new window, go to menu file and choose “Set capture file”.**
- 3- Select drive “D” and type “Video” in front of File name.**
- 4- Click Save.**

***To record voices from a patient as an interview, for Dictaphone purpose or simply the surrounding sounds in the room:**

- 1- Install an adequately sensitive microphone in or about the computer's monitor.**
- 2- Click “Record dialogue” button, default sound apparatus will appear.**
- 3- Click “Record” and at the end “Stop”.**
- 4- A file named “Wave1” will be placed in drive D as default program**
- 5- Click on “Import” to transfer it from the temporary folder into the permanent AV Folder.**



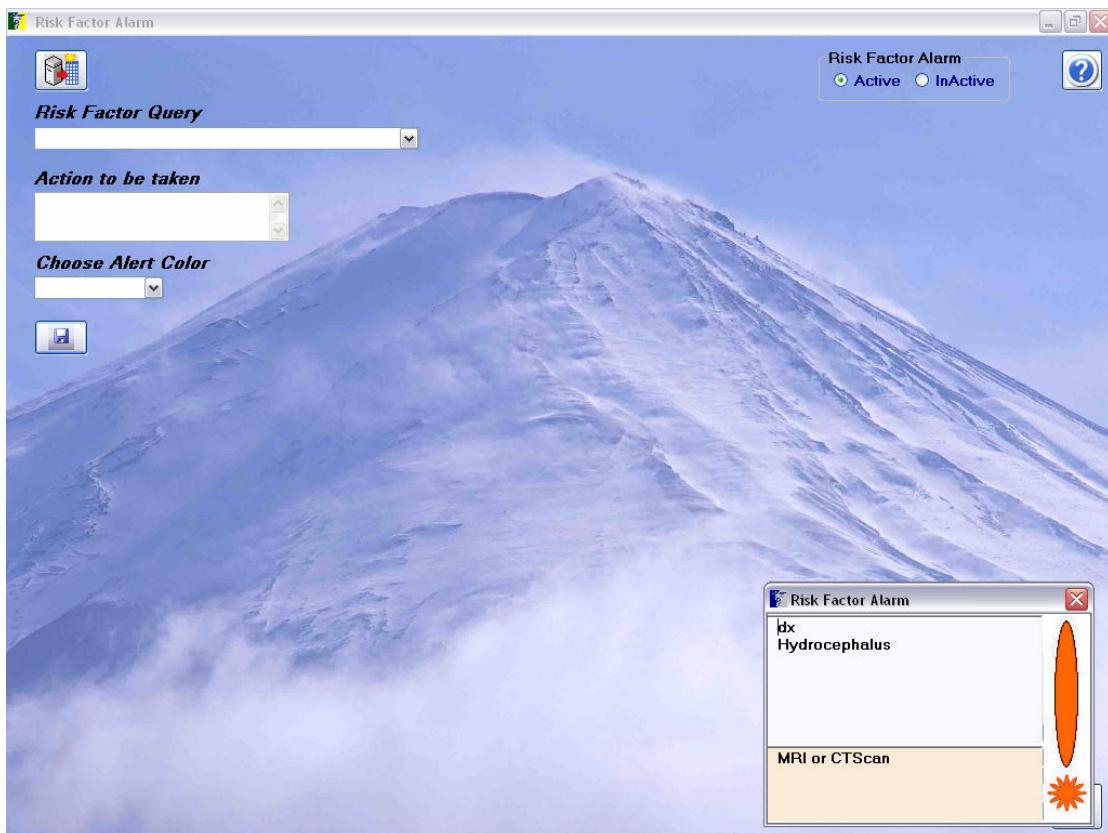
In this form if you click on “Import None Recorded AV Folder” for the fist time, a new window will open asking you to address “My Picture” folder. Once you do this, import will be done automatically from “my Picture” folder into Photo Archive window, under the name “new” there after.

The above window will appear only once and will not ask the address again. Some windows may ask the removable camera address for the first time of installation, when you click on Record Video Clips.

Risk Factor Alarm

Popup for alarming and/or recommending procedures are other unique features of The Clinical Management Program. Users can instruct the program to produce user's friendly popup as soon as the criteria meet while writing a patient profile.

Instruction for using this form is very similar to research interface. We recommend reading it first.



- 1- Open "query" form on the top left icon on this form.
- 2- Choose appropriate boxes from 50 available options.

E.g. A- If you need an alarm note when visiting a neonate with head circumference above 35 cm, choose:

Neonate, age 00 00 00 until 00 00 28 and hc 35 to 200, then click OK.

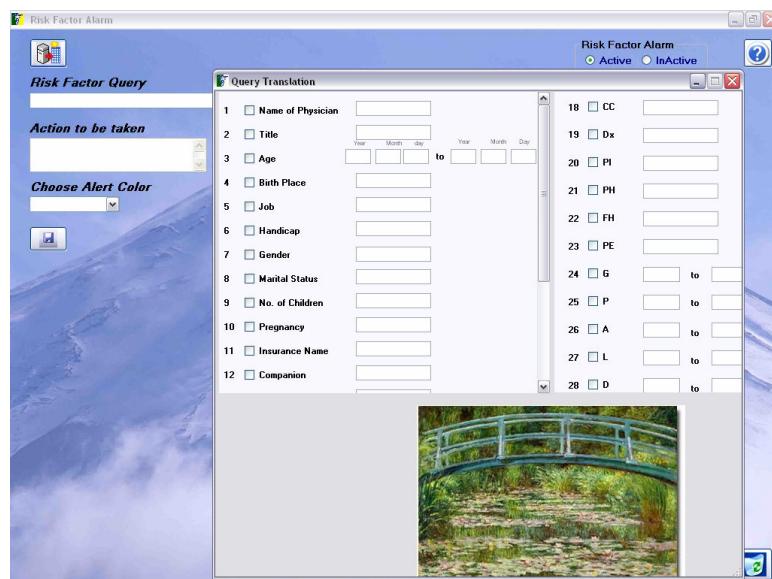
Query Translation

1 <input type="checkbox"/> Name of Physician	<input type="text"/>	
2 <input checked="" type="checkbox"/> Title	<input type="text"/> Ms	
3 <input type="checkbox"/> Age	<input type="text"/> Year <input type="text"/> Month <input type="text"/> day	<input type="checkbox"/> Year <input type="text"/> Month <input type="text"/> Day
4 <input checked="" type="checkbox"/> Birth Place	<input type="text"/> Monroe	
5 <input type="checkbox"/> Job	<input type="text"/>	
6 <input type="checkbox"/> Handicap	<input type="text"/>	
7 <input type="checkbox"/> Gender	<input type="text"/>	
8 <input type="checkbox"/> Marital Status	<input type="text"/>	
9 <input type="checkbox"/> No. of Children	<input type="text"/>	
10 <input type="checkbox"/> Pregnancy	<input type="text"/>	
11 <input type="checkbox"/> Insurance Name	<input type="text"/>	
12 <input type="checkbox"/> Companion	<input type="text"/>	

Anxiety
 Anxiety
 Ataxia
 Cervical Pain
 Cervical Trauma
 Choreoathetosis
 Confusion
 CVA
 Deafness

E.g. B- If 2 parameters like Diabetic>110 and Creatinine >2 are both recorded in front of Px, you need to make an inquiry for each one separately.

- 3- Write the alarm note or recommendation, like "Hydrocephalus is probable" in appropriate box.**
- 4- Choose a color according to the importance of the subject. Then Save it.**



The prepared popup will come up for your observation from the bottom of this page. Later, it will show up in the patient profile in due time.

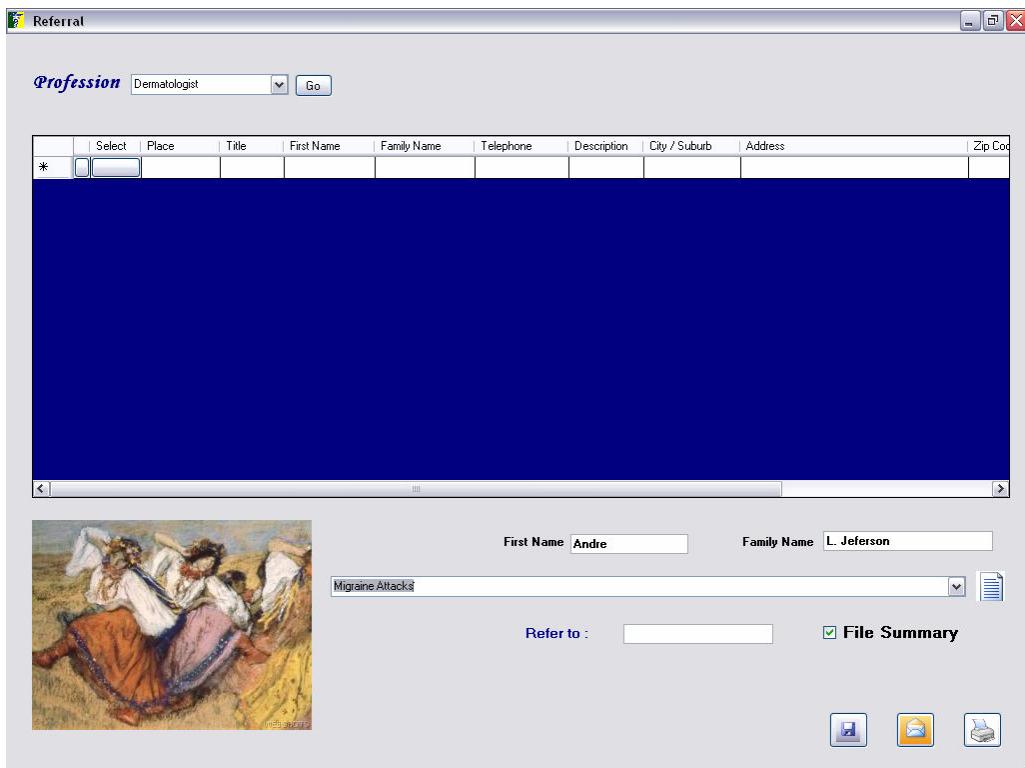
If several popup are planned, they will be shown up under each other. You will see them one by one when closing the top one.

To delete one alarm popup, choose it and then click delete button.

You can activate or close this feature by radio button on the top left of this page.

Referral

There are times physicians need to refer patients to other colleagues for continuing treatment or proper diagnosis or consult with other specialists to ask their opinions. Referring for tertiary care, rehabilitation or physiotherapy is also a common procedure in most clinics.



This program is designed to automate these procedures in few clicks:

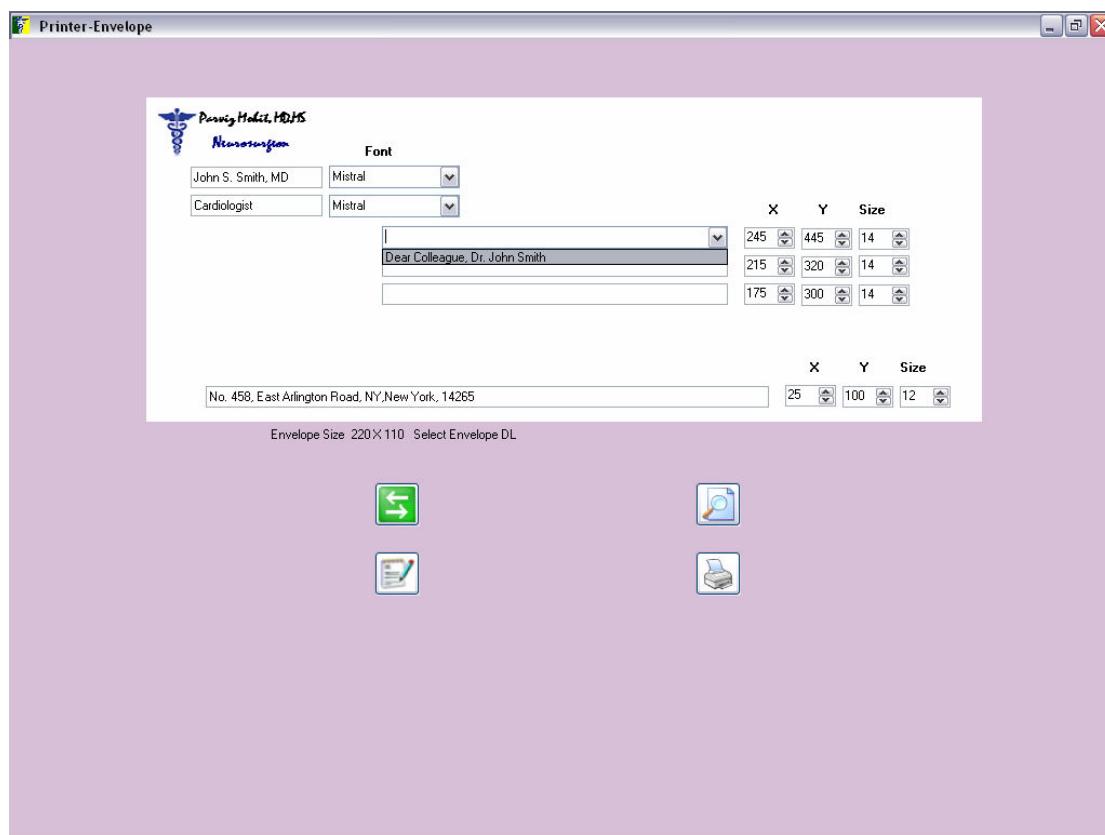
- 1- Select colleagues by their profession from the Tel.-Address database.**
- 2- Select one and open the detailed information about your choice. Copy & save address if you plan to print an envelope.**
- 3- If you open the referral page from within the patient profile, her/his name appears on this page.**
- 4-Tick summary file if you want to include a summary report of the patient in the attached letter.**
- 5- If necessary, select and print a handout or guide lines for the patient or the colleagues.**

***To add new handouts, go to Medical Library page from the switchboard, Select “Other” then add a new name for the handout e.g. “Low Back Pain”. To form the printable photo of the handout, select the name of the handout you had already added to the list, and then click the icon in front of it in referral window. Page belonging to the handout will open. Now, you can copy-paste the photo(s) in this page and later print it when you need it. Whenever you decide to make a print of it, you should select the size of the page according to your need, using an A4 or A5 page.**

6-Select the colleagues names to be saved in the patient profile.

7- Print a prepared letter with the information gathered by clicking on the button print, make final changes on the intermediary form if you desire.

8- Click on envelope icon and paste the address, copied already in the referral page, then press print.

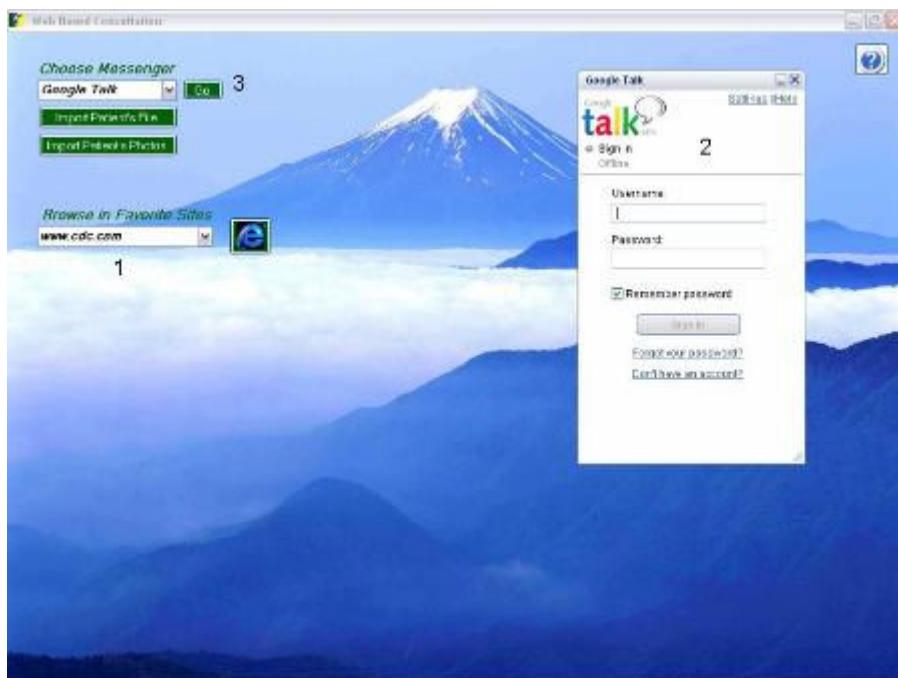


***Users can redesign the envelopes. Seven artistic fonts are available to change two top left lines, the changes will be made only one time and default cannot be changed. Changes in pixels from top and left can be made by X and Y-axes. To**

move line to the right, use X and to move a line to the bottom of the envelope, use Y-axis. Press preview to see the results, before printing envelops.

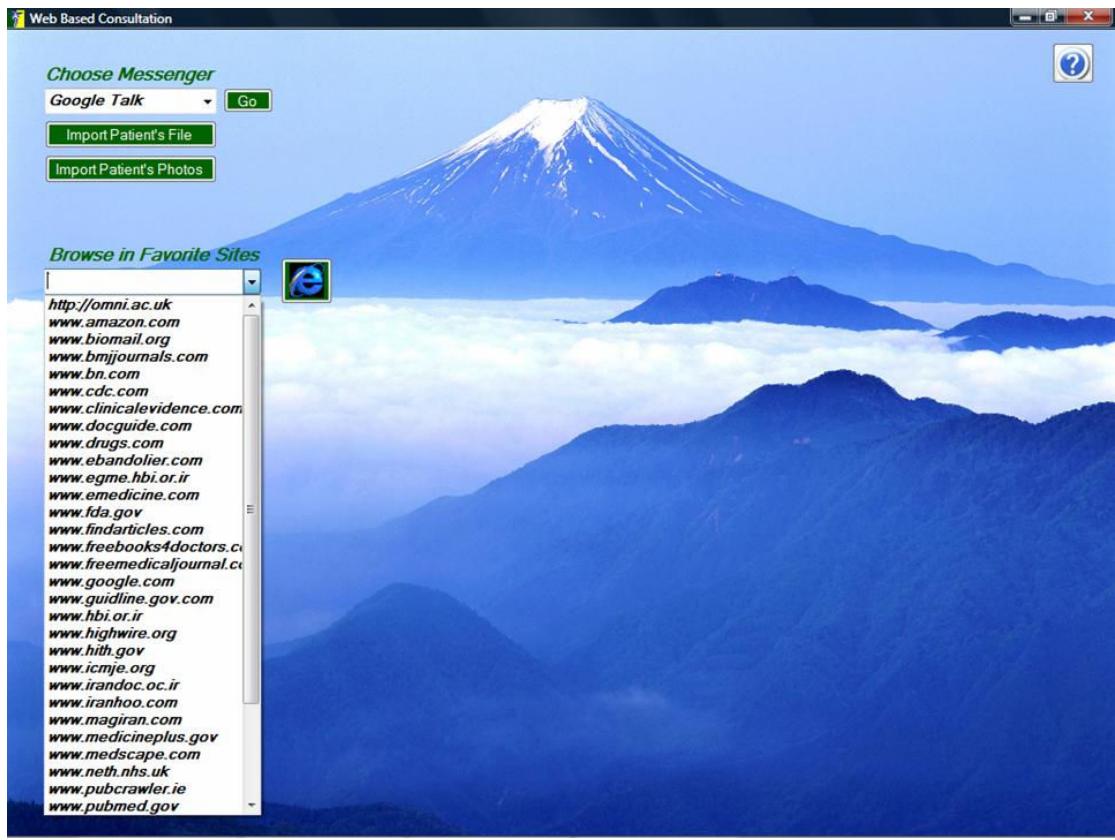
Consultation

Clinical Management Program is designed mainly for intranet purposes. Many computers can work together smoothly and safely in polyclinics or hospitals, without any need to connect to the internet. Should the need arises, for example to transfer some files to other clinics for other or same physicians or to be placed on similar software or to other colleagues for consultation or to e-mail photos or voice recording to support text files, several messenger programs can be used which are supplied in the DVD.



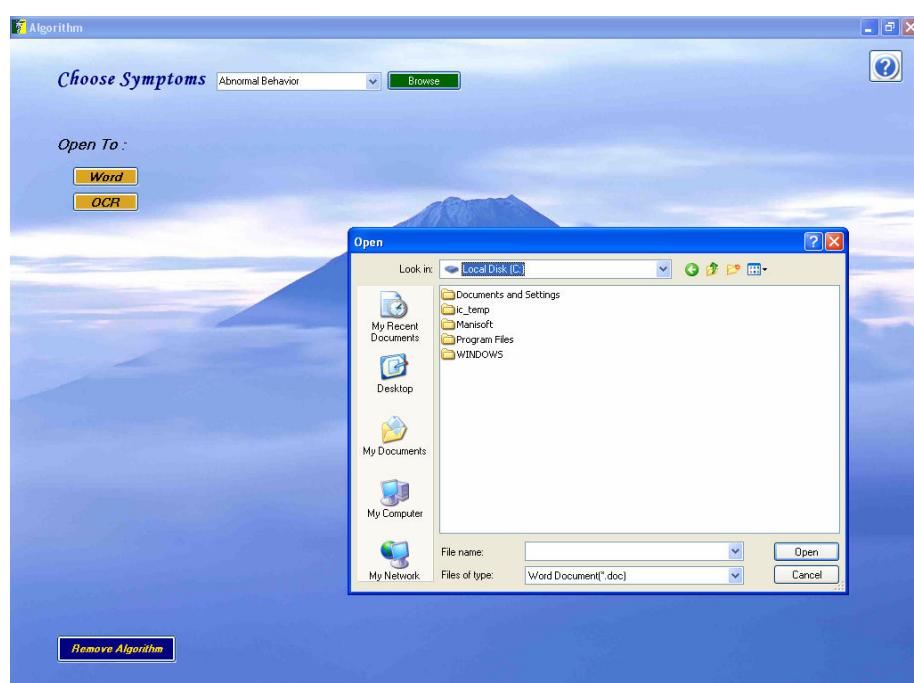
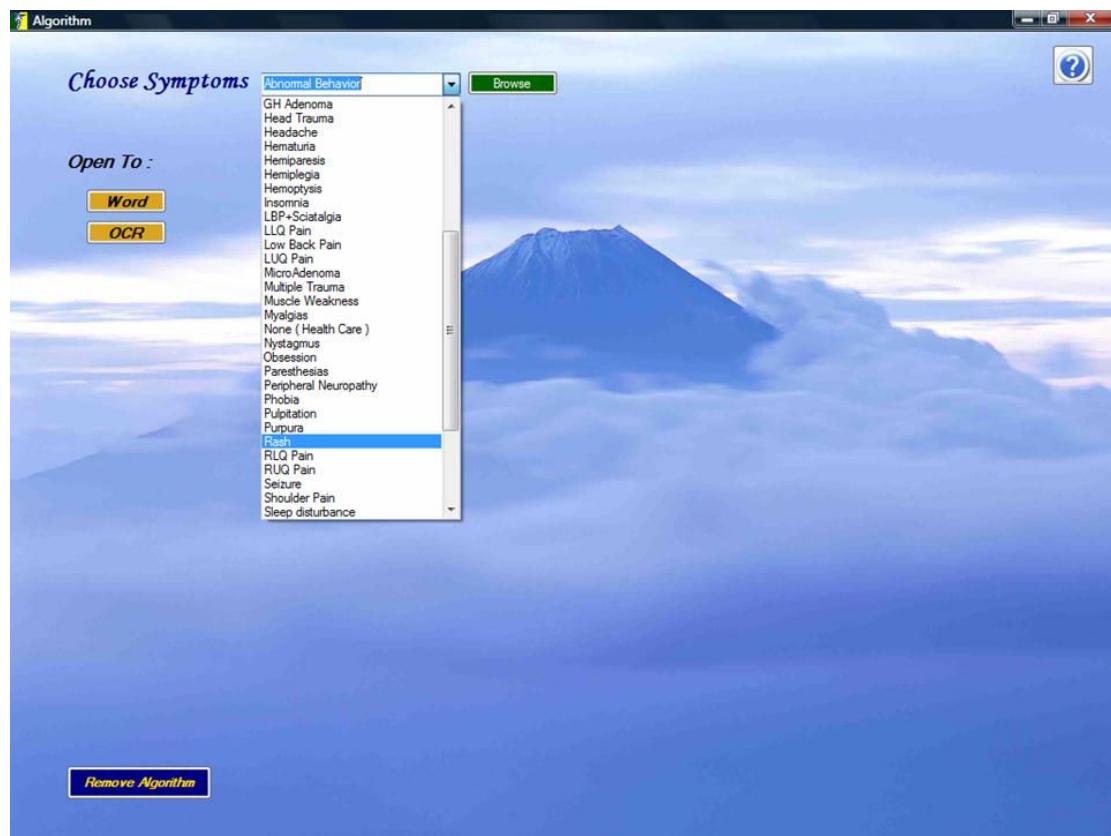
- 1- Select a messenger and connect to the internet.**
- 2- Connect to the person you like to consult and arrange a video conference.**
- 3- Click on the file text and mail it. If you open the page from a patient's profile, the summary or full history belongs to that patient appear.**
- 4- Choose photos from the AV folder or photo archive and send them via the same messenger.**

Users can select their favorite sites and browse through the internet world.

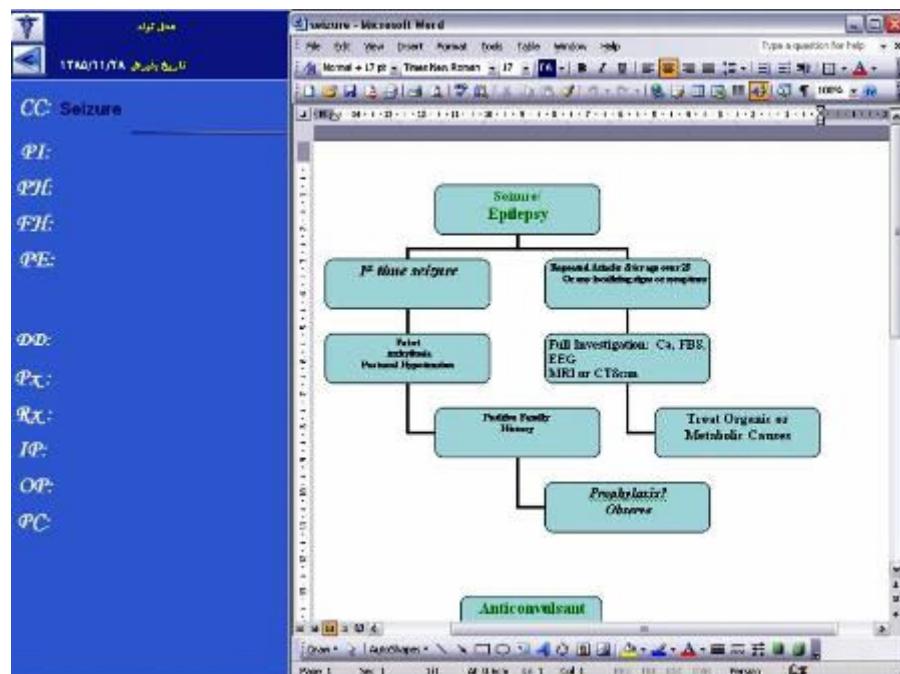


Algorithm

Physicians & specialists may need to refresh their memories on the best and the newest diagnostic or treatment options by looking at a flow chart or algorithm while completing a patients' profile.



Algorithms made in this page will appear upon choosing a difficult presenting symptom in the patient profile. Here, users' prepare and connect algorithm to the related presenting chief complain:



- 1- Open a “word” doc. and begin to build an algorithm or copy-paste an existing one, then change it to the desired one. Alternatively use OCR program to transform a photo algorithm into text format. Read “Help” of the accessory program to learn how to do it.
- 2- After completing the algorithm, browse CC and find the related chief complain. If desired complain is not found, put the new algorithm file on the opened window with the desired name.

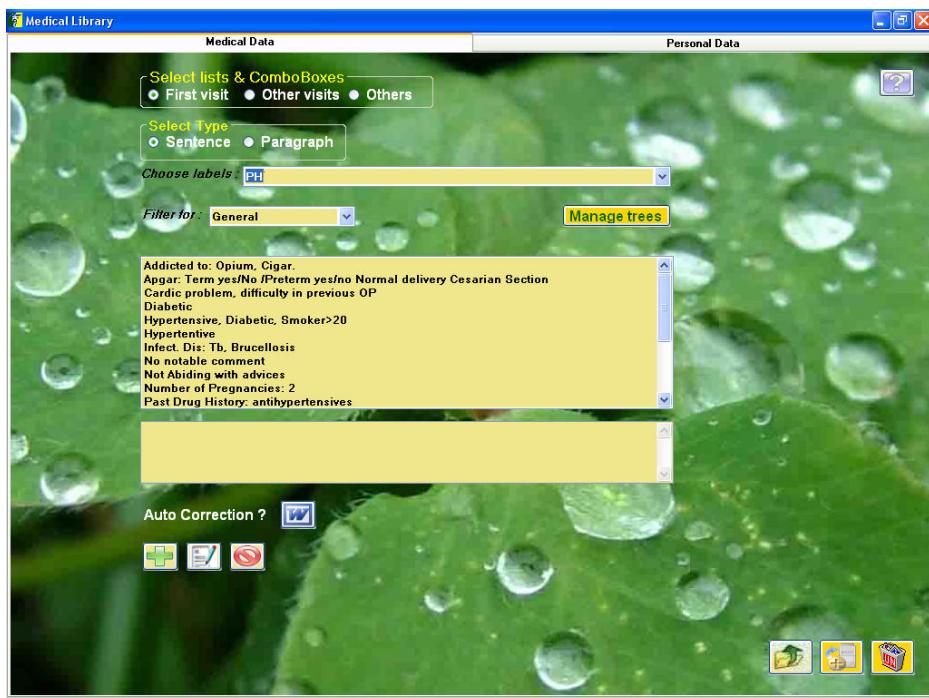
Then after, whenever you choose a presenting symptom and click “Algorithm” button, the related algorithm will open on the right side of the patient profile. You may drag or copy-paste words, phrases or sentences from the algorithm onto the profile saving time in typing the words.

- 3- "Remove algorithm" button is used to detach obsolete algorithms from the presenting symptoms.

Medical Library

Hypothetically speaking, three different databases are designed for this program. The most extensive one belongs to text data from patients.

The smallest one belongs to temporary data from appointments, Reception and Personal Profile data, not yet received by the physician when they are in temporary state. For further details, refer to introduction in the Settings.



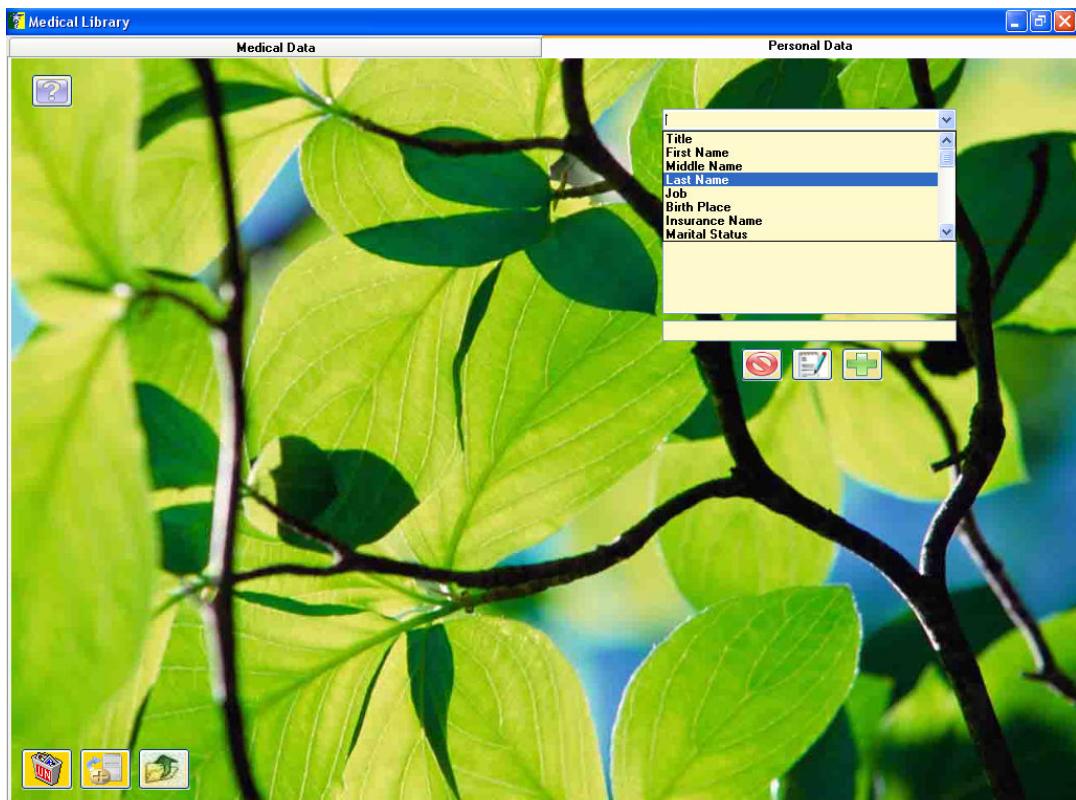
Medical Library form is used to check on, edit, add or delete all pieces of personal or medical data used in all lists, combos and auto complete boxes, containing all words, phrases, sentences or paragraphs that are used by users for all patients and is used in all forms containing lists or combo boxes.

Left tab is used for data found in medical panels and the related patient major forms. Right is more specialized for personal data and secretary oriented interfaces.

To add, edit or remove entries, choose the topic, click on the word and then correct it in the box beneath. For easy

reference, 1st visit panel, 2nd visits and “Others are grouped. General level is shown as default, but specialized lists must be specified before you proceed to make changes in them.

To add paragraphs to paragraph list boxes, open Word, type the paragraph, correct it, then copy-paste into the special box above the Word icon.



A collection of files (like all 1st names or last names) can e exported for backup or imported or deleted completely by selecting the file name through the comboboxes, then clicking on appropriate buttons.

Data collection with the above feature, on the right tab is:

**1st name
Middle Name
Last Name
Job
Place of Birth
Name of Insurance
Father's Name
City/Suburbs**

Nationality

Data collection with Export- Import possibilities on the left tab are:

CC & NCC – PI – PH – FH – PE – IP – OP

Sb - Ob – As – PI – IP – Co - OP

Also on “Other” section you may export-import a file containing all data on that box:

Consultation - Favorite Sites

Preventive Care - Chemoprophylaxis

Preventive Care - Immunization - Adults

Preventive Care - Immunization - Children

Preventive Care - Periodic Health Exam. - Adults

Preventive Care - Periodic Health Exam. - Children

Tel - Profession

Preventive Care - Periodic Health Exam. - Adults - Note

Preventive Care - Periodic Health Exam. - Children - Note

Preventive Care - Counseling - Note

Preventive Care - Screening

Preventive Care - Screening - Note

Preventive Care - Immunization - Adults - Note

Preventive Care - Immunization - Children - Note

Preventive Care - Chemoprophylaxis – Note

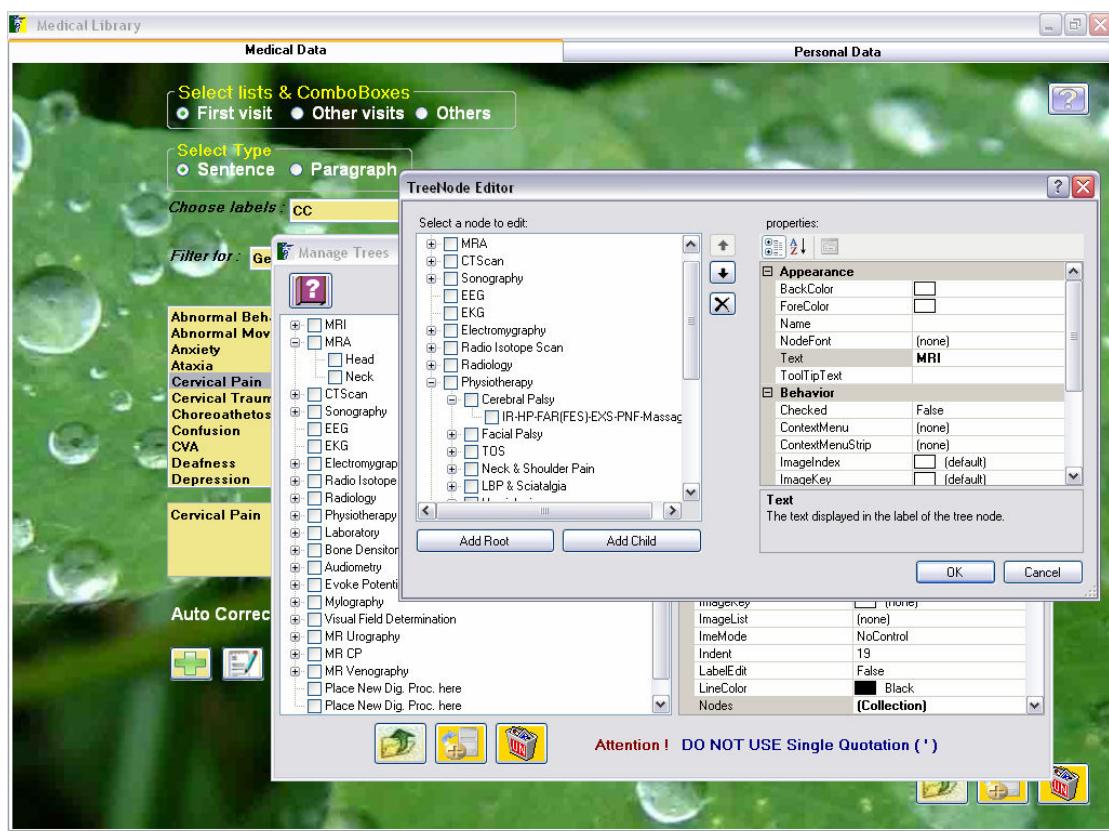
Deleting accumulated files are possible for the above-mentioned ones. Other titles must be deleted individually.

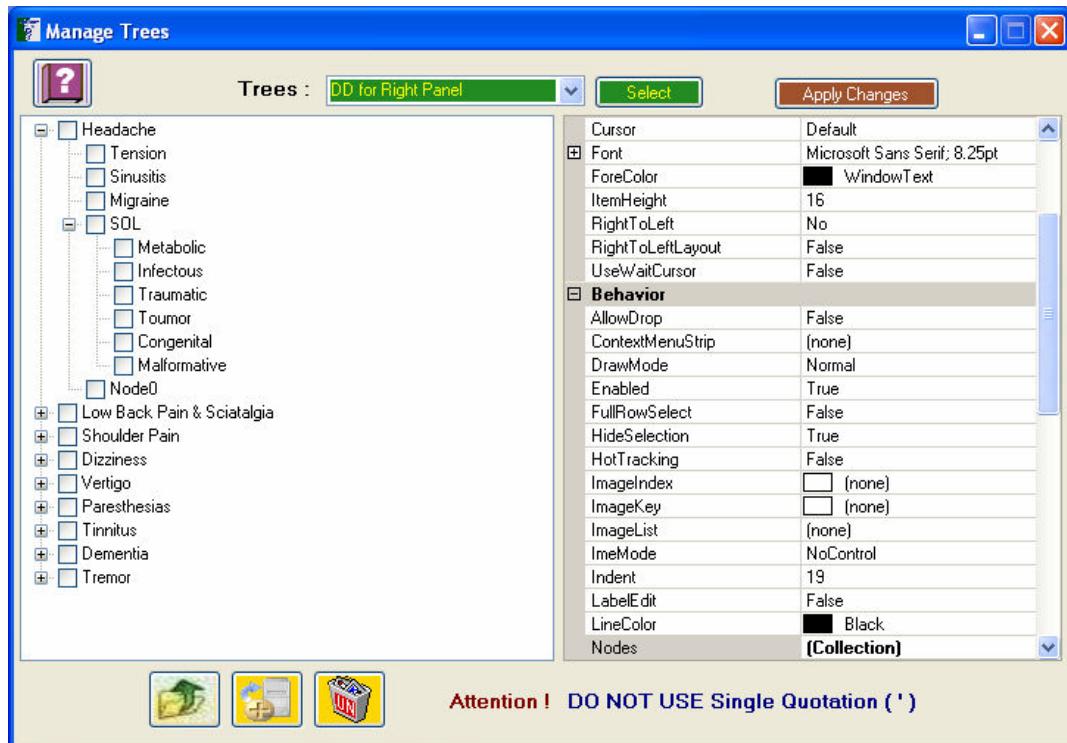
“Alter combo” boxes used in many intermediary forms for printing features are used to add, edit or delete items within them. To correct it, if one item is recorded 2 or more times, delete them all, then close the page and reopen, type a new word, then add the new item.

Exported files are specific for the topic, which is filtered for. In other words, if you select PI, filtered for General, accumulated exported file cannot be used for other sections unless the related notepad for the topic filtered identification code is modified carefully.

Trees

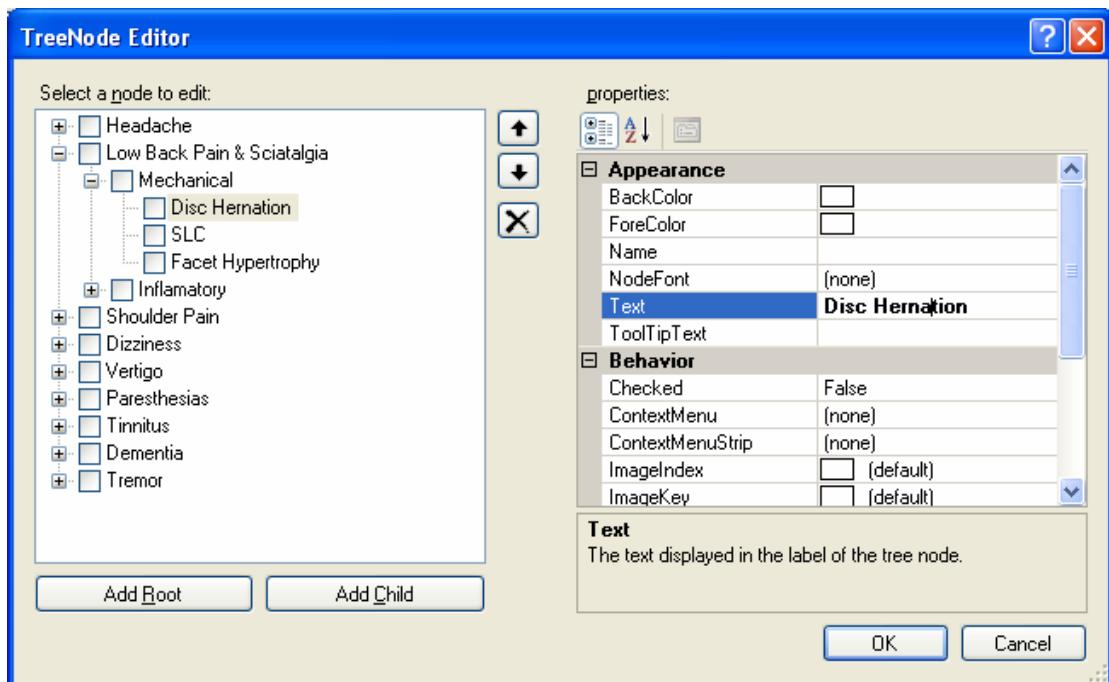
Five hypothetical data sources are designed in the Tree System in the large Medical Library database: Dx, for final diagnosis list, DDx for differential diagnosis for right and left medical record panels, diagnostic procedures (Px) and Drug Store for the drugs shown in pharmaceutical form, including categories, generic and trade names of the drugs.



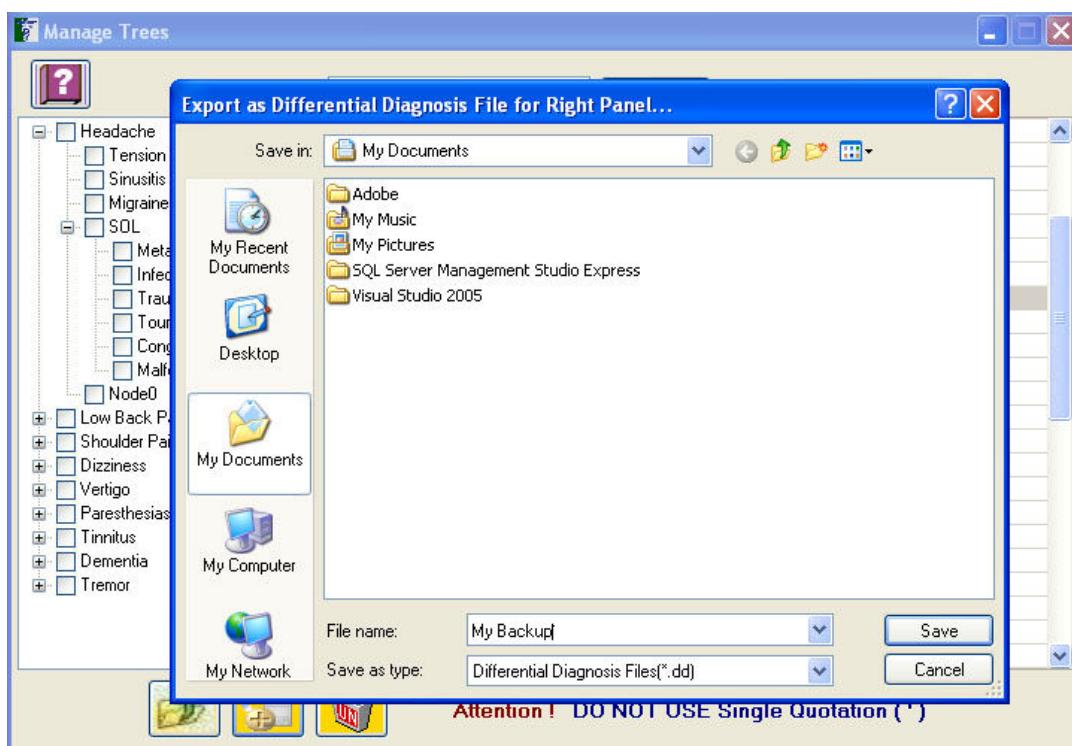


- To add, edit or remove items in these databases:

- 1-Select a title in the green combobox after opening the tree system by clicking on the icon of “Drug Store” form or the Yellow icon on the Medical Literature form.
- 2- Click on the green “Select” button. The chosen collection appears on the left side of the window.
- 3- To add, edit or remove items, click on collection, and then click on the box in front of it.
- 4-In the new window, click on the selected word, then change it on the right side of the panel. Then go to another and repeat the procedure. Add or remove new items on the left side by adding Child or selecting from the last and pressing remove.
- 5-Press “Ok” when you finish, then click “Apply Changes” before you close the main window.

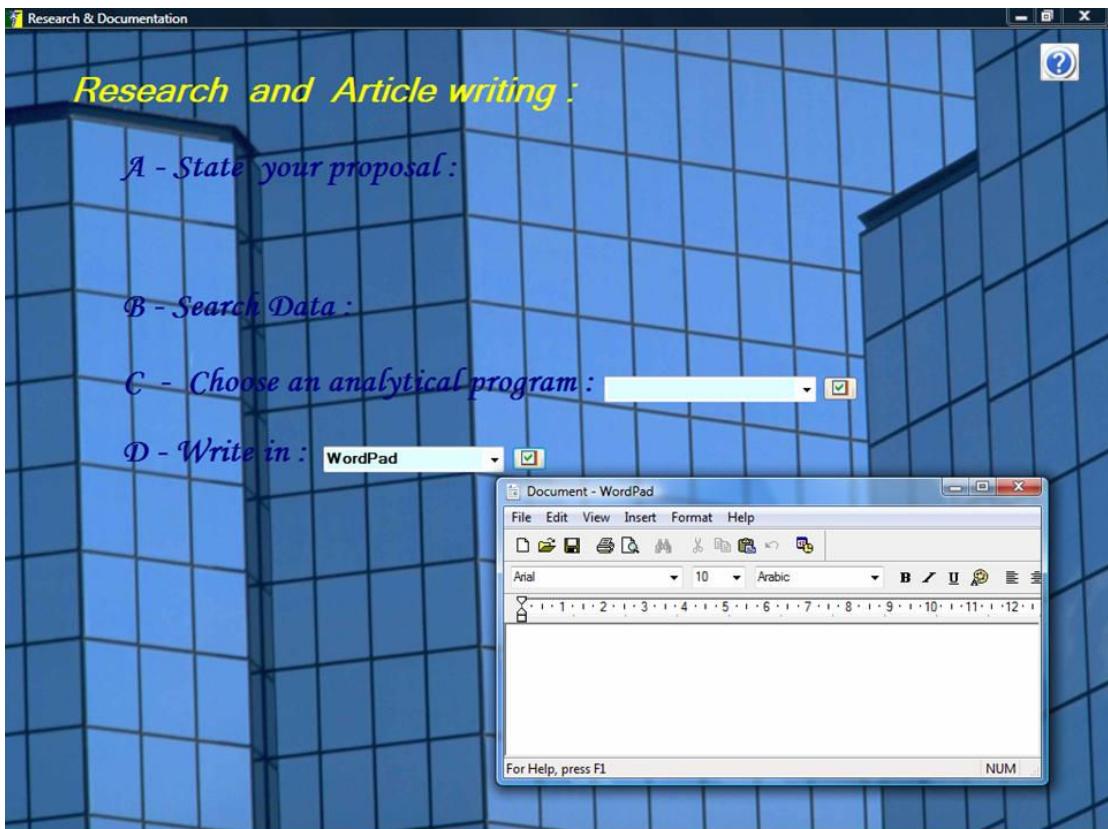


*** Three branches for Rx, ten Branches for Px, five branches for DDx1 and DDx2 and three branches for Dx are foreseen. You can export or import each group as a special .cm file for backup or updating purposes. Deletion of each file is also possible by clicking appropriate icons in the “Trees” window. Always keep backup files of the most updated database.**



Research

Another unique feature of this Clinical Management Program is the ability to search through the patient profiles and translate similar words into figures for analytical purpose.



Physicians interested in writing article can search through their own files and administrators can do similar search through all patients' data in the system.

To make full benefit of this feature, please consider the following tips from the very beginning of entering data into the system:

- 1- Try to make a complete medical recording for your patients.
- 2- Computers are able to recognize the shape of words, not their meaning. Therefore, in order to do research, try to record similar meanings with similar words in appropriate places. Using lists and comboboxes makes this easier. For example, state "Diabetes" in its adjective form,

"Diabetic" all throughout in front of similar title like PH exactly as above.

3- This software is able to find all patients having a criteria with above, equal or below as designated value, like FBS>110, if written in similar fashion in appropriate places. For individual patients, exact values can be added in front of it, like FBS>110 (256) in the patient profile.

The screenshot shows a software window titled "Statistics". On the left, there is a list of 28 filter options, each with a checkbox and a text input field. The filters are grouped into two columns:

Filter Number	Filter Description	Value Input
1	Name of physician	Dr Parviz Mohit
2	Title	[empty]
3	Age	[empty] year [empty] month [empty] day [empty] year [empty] month [empty] day
4	Birth Place	[empty]
5	Job	Housekeeper
6	Handicap	[empty]
7	Gender	[empty]
8	Marital Status	[empty]
9	No. of Children	[empty]
10	Pregnancy	[empty]
11	Insurance Name	[empty]
12	Companion	[empty]
18	CC	Anxiety
19	Dx	Alzheimer
20	PI	[empty]
21	PH	[empty]
22	FH	[empty]
23	PE	[empty]
24	G	[empty] to [empty]
25	P	[empty] to [empty]
26	A	[empty] to [empty]
27	L	[empty] to [empty]
28	D	[empty] to [empty]

On the right side of the window, there are two text boxes: "Total No. of Patients" (containing "2") and "Filter Count" (containing "0"). Below these is a search icon. At the bottom, there is a table header with columns: Profile, Profile No., First Name, Family Name, Date of First Visit, and Name of Physician. The main body of the table is completely dark blue.

GPs & professionals planning to do research and/or writing an article on their own gathered medical files (or administrators having access to all data in polyclinics or hospitals) should complete the patient's profiles with the above criteria. To write an article researcher should:

- 1- State her/his proposal and save it.
- 2- Click on Statistic icon and do the query in the new form, using 50 personal & clinical options. Check mark the appropriate topics, then make sure to fill out boxes on the right carefully.

E.g. a- to identify patients over 40 years old, choose 40 to 200, considering that 200 means indefinite in computer language.

b- for less than 2 years of age choose 0 to 2, considering that 0 signifies indefinite.

c- To measure head circumference above 35 cm, choose 35

to 200. Here 200 cm for head circumference is impossible and thus indefinite.

d- For one definite figure like 35, state 35 in both boxes.

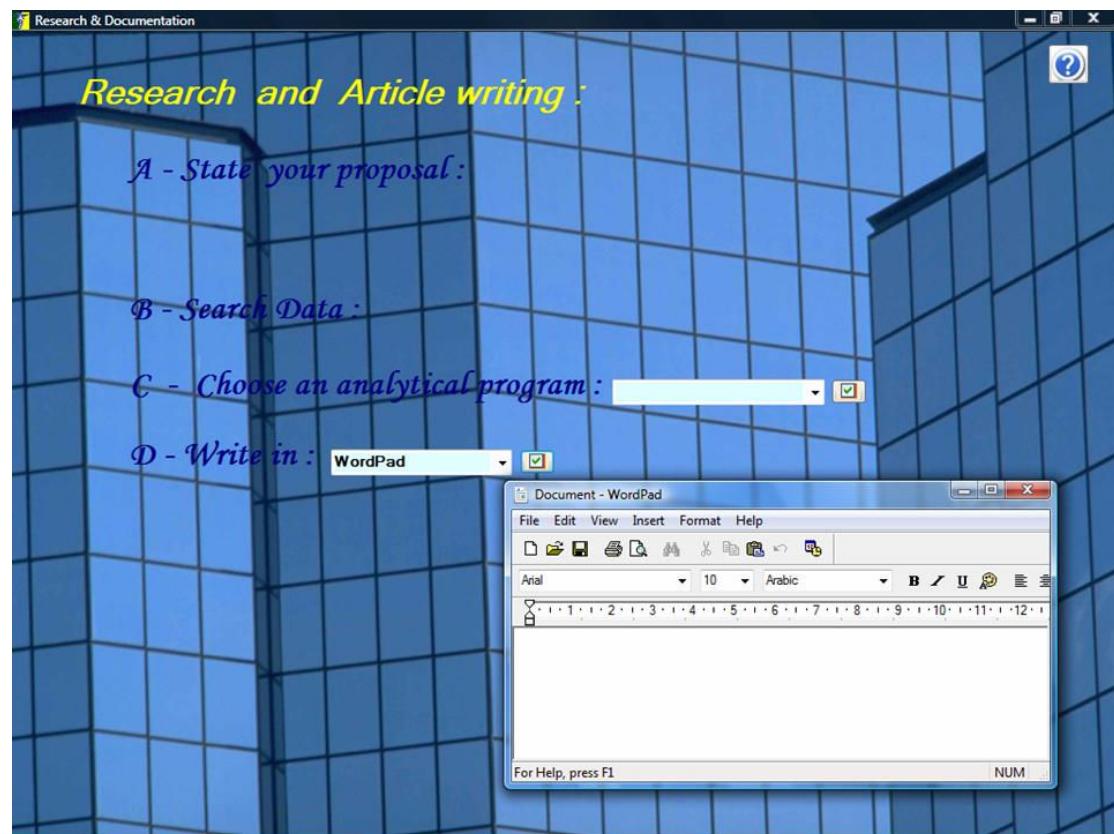
e- If two options in front of one title like PH or FH is stated, repeat query two times.

Number of selected patients appears against the whole number of medical files for treating professional. Number or percentage can then be inserted directly in Excel program in the next step.

3-Most analytical programs supplied or suggested in this program accept data format directly from Excel. Read instruction in help menu in the selected analytical program.

4- Open one of the most common writing programs and state your article.

Pictures related to the article are available by opening specific file from the statistic box or searching the many photos with similar names from the photo archive.



Research & Documentation

Research and Article writing :

Statistics

1 <input checked="" type="checkbox"/> Name of physician	Dr Parviz Mohit
2 <input type="checkbox"/> Title	<input type="text"/>
3 <input type="checkbox"/> Age	year <input type="text"/> month <input type="text"/> day <input type="text"/> to year <input type="text"/> month <input type="text"/> day <input type="text"/>
4 <input type="checkbox"/> Birth Place	<input type="text"/>
5 <input type="checkbox"/> Job	<input type="text"/>
6 <input type="checkbox"/> Handicap	<input type="text"/>
7 <input type="checkbox"/> Gender	<input type="text"/>
8 <input type="checkbox"/> Marital Status	<input type="text"/>
9 <input type="checkbox"/> No. of Children	<input type="text"/>
10 <input type="checkbox"/> Pregnancy	<input type="text"/>
11 <input type="checkbox"/> Insurance Name	<input type="text"/>
12 <input type="checkbox"/> Companion	<input type="text"/>
18 <input type="checkbox"/> CC	<input type="text"/>
19 <input type="checkbox"/> Dx	<input type="text"/>
20 <input type="checkbox"/> PI	<input type="text"/>
21 <input type="checkbox"/> PH	<input type="text"/>
22 <input type="checkbox"/> FH	<input type="text"/>
23 <input type="checkbox"/> PE	<input type="text"/>
24 <input type="checkbox"/> G	<input type="text"/> to <input type="text"/>
25 <input type="checkbox"/> P	<input type="text"/> to <input type="text"/>
26 <input type="checkbox"/> A	<input type="text"/> to <input type="text"/>
27 <input type="checkbox"/> L	<input type="text"/> to <input type="text"/>
28 <input type="checkbox"/> D	<input type="text"/> to <input type="text"/>

Profile	Profile No.	First Name	Family Name	Date of First Visit	Name of Ph

Settings

Right click on the main topic in the "doctor side switchboard" opens to "Settings" tab. It consists of six tabs. The first three tabs give the user specifications and other necessary setup information in addition to help and instruction. Other three tabs help the user to modify the program to the users taste or needs.



Settings

- Specifications
- Prerequisite**
- Instructions
- Prepherals
- Patient Manager
- Secretary Program

Requirements :

Operating System : Microsoft Windows XP + SP2 , Vista or Higher
 Microsoft SQL Server 2005 Express Edition
 Microsoft .Net Framework 2.0

Supplementary Programs and Hardwares :

Microsoft Office 2003 or Higher
 Adobe Acrobat Reader 6.0 or Higher
 Babylon-Pro
 Advanced Call Center
 PC Camera(Zenith) AMCAP
 Slim 3000 (Removable Camera)
 SPSS 14.0 Or Higher
 Text Bridge Classic 2.0 Or Higher
 HP Laserjet 1020 Printer Or Other Models
 Google Talk
 MSN Messenger
 Yahoo Messenger
 ICQ
 Pal Talk
 Anthropometry

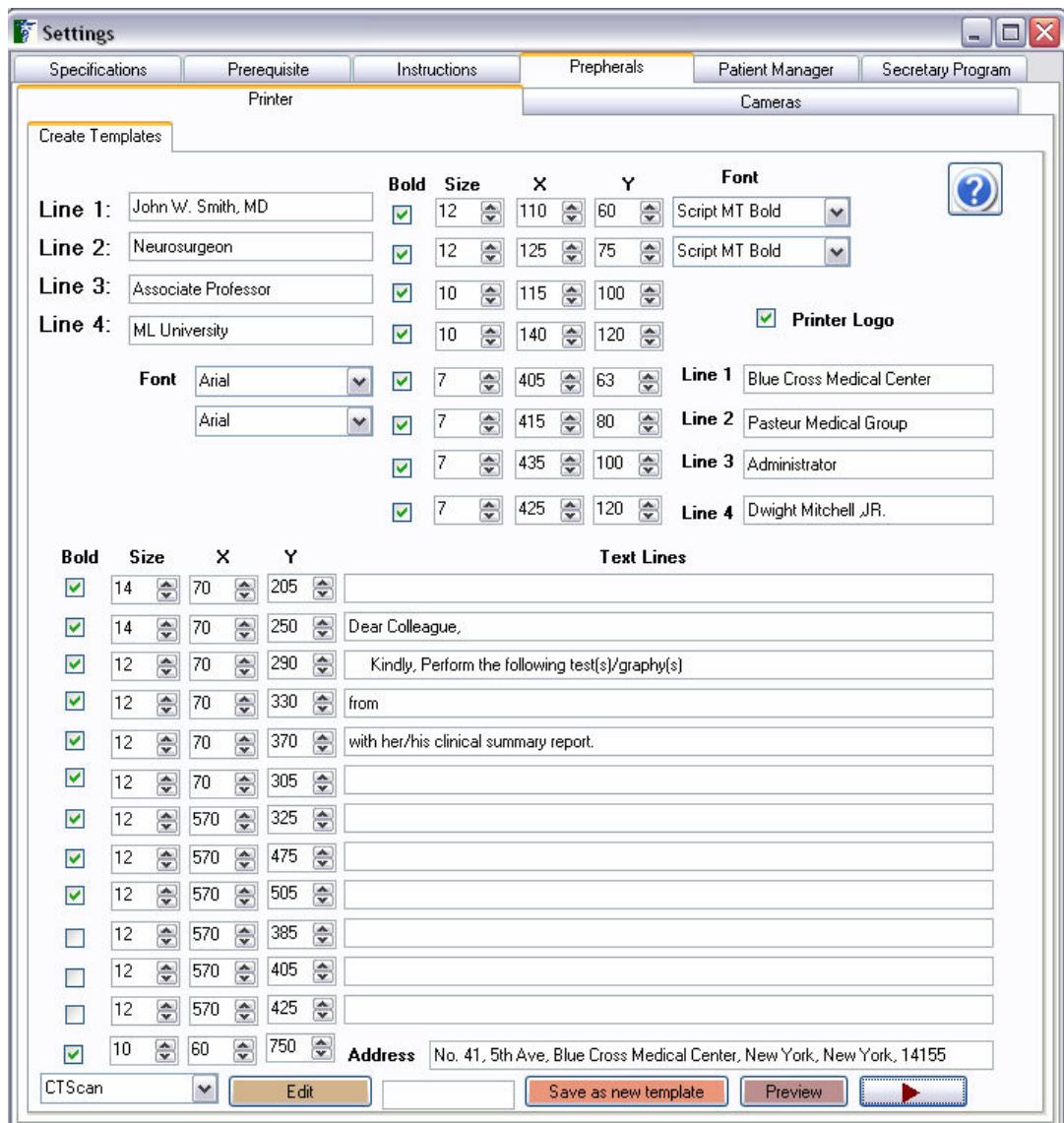
Recommendable Hardware :

CPU	3.2 GHz or above
RAM	1 GByte or above
HDD	160 GByte or above
VGA	128 MByte or above
Modem	3 Chip(Caller ID)
Disk Drive	DVD ROM

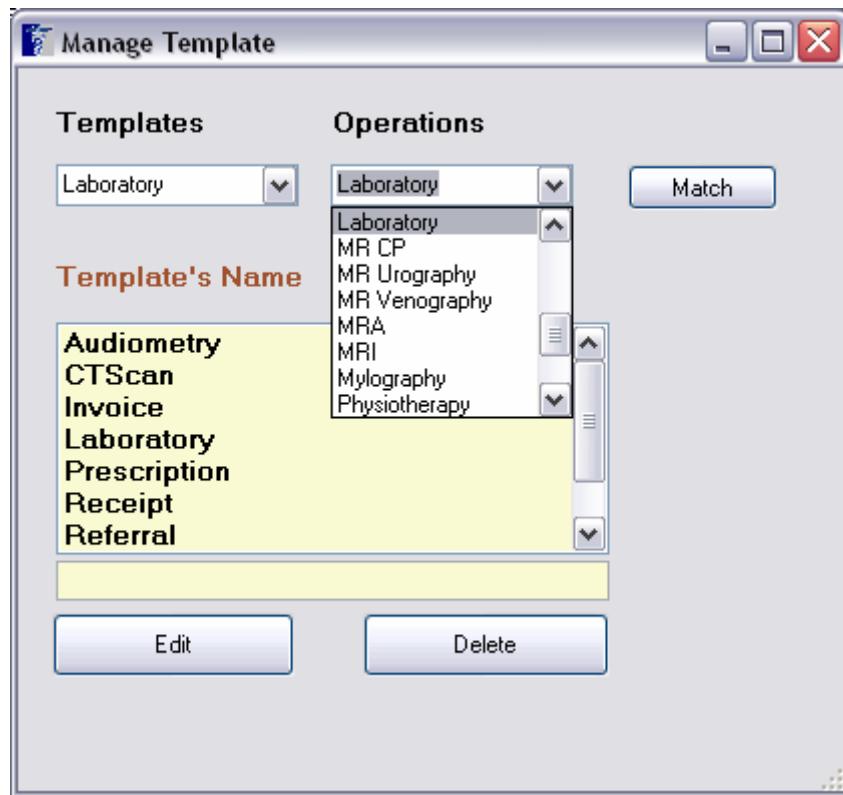
Recommendable Office Setup:

1 - HP Laserjet 1020 Printer
 2 - PC Camera(Zenith)
 AMCAP for portraits
 3 - PC Camera(Zenith)
 AMCAP for neg. & doc.
 4 - Head Lamp
 5 - Desktop Negatoscope
 6 - CRT or LCD Monitor 17"
 with 1024 * 768 Resolution
 7 - Standard Keyboard
 8 - Optical Mouse
 9 - Microphone with
 high sensitivity
 10 -Network device such as
 Hub & Network Cable (Cat5e)
 11 -Standard UPS (Optional)

On peripheral tab, users can modify the many printable forms and handouts. Each printable page consists of three parts:



- A- Fixed parts, like the headings (six lines at the top of the page and one line at the bottom). They are changed rarely. Seven artistic fonts and other options are designed for the user to make the headings of her/his printable material unique for his/her own.**
- B- In each printable form, there are lines that are typed only once when making the form for the first time. These lines are typed in the intermediary forms. They can be called "semi-fixed" lines.**
- C- Other lines are transitory and are filled either by comboboxes or filled up automatically from the patient files. They merge into appropriate lines by default. Always use made forms to modify and personalize them to your own taste.**



Sentences can be moved horizontally or vertically by changing the pixel values in front of them. The values are zero at top & Left corner.

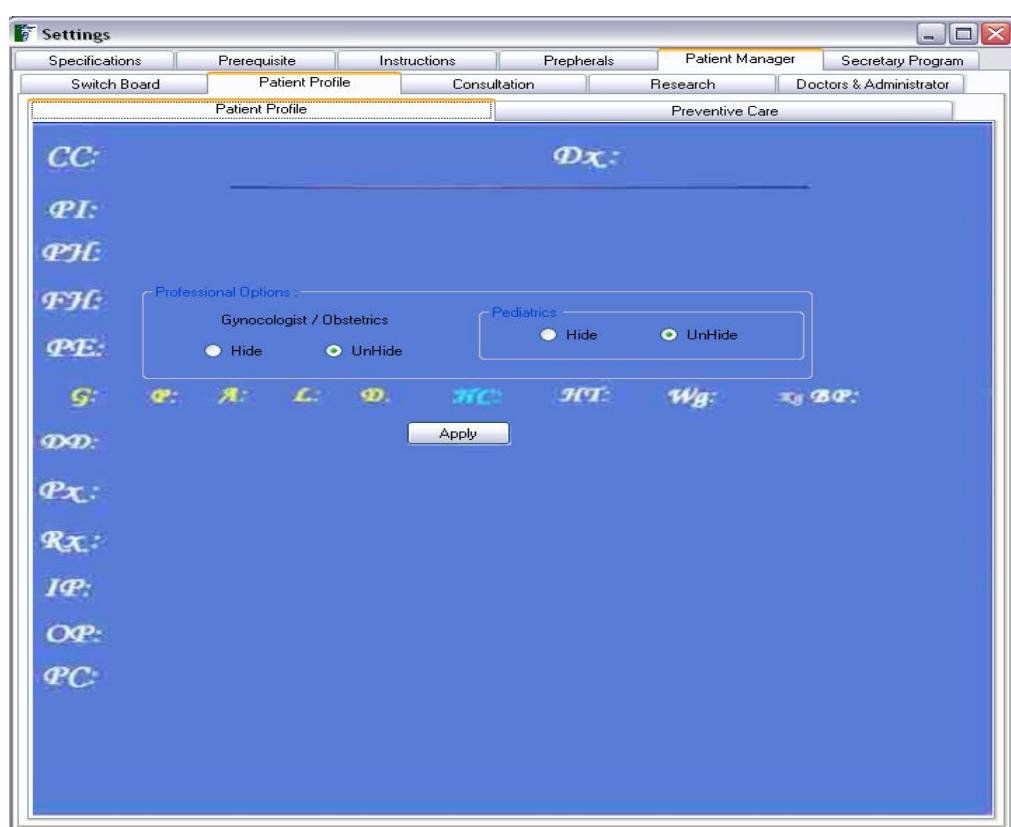
In order to make a form:

- 1- Choose a similar form at the bottom left corner.
- 2- Give a new name to the form in the box at the bottom line.
- 3- Make necessary changes on the form.
- 4- Press “Save a new template” button.
- 5- In the next window, match it with the list of templates on the left. It is easier to choose similar name as default for your templates.
 - Deleting older templates or changing their name is possible in this page.
 - Changing contents of a template without their name is possible by clicking on Edit button.
 - Envelope must be edited through Referral form and should be done with similar mechanism and options.

Camera tab gives you instruction to install cameras, video facilities and their connecting icons in proper places.

Patient Manager Tab opens to other five sub-tabs: in switchboard user is able to change the program melody and/or the changing photogallery and its timing.

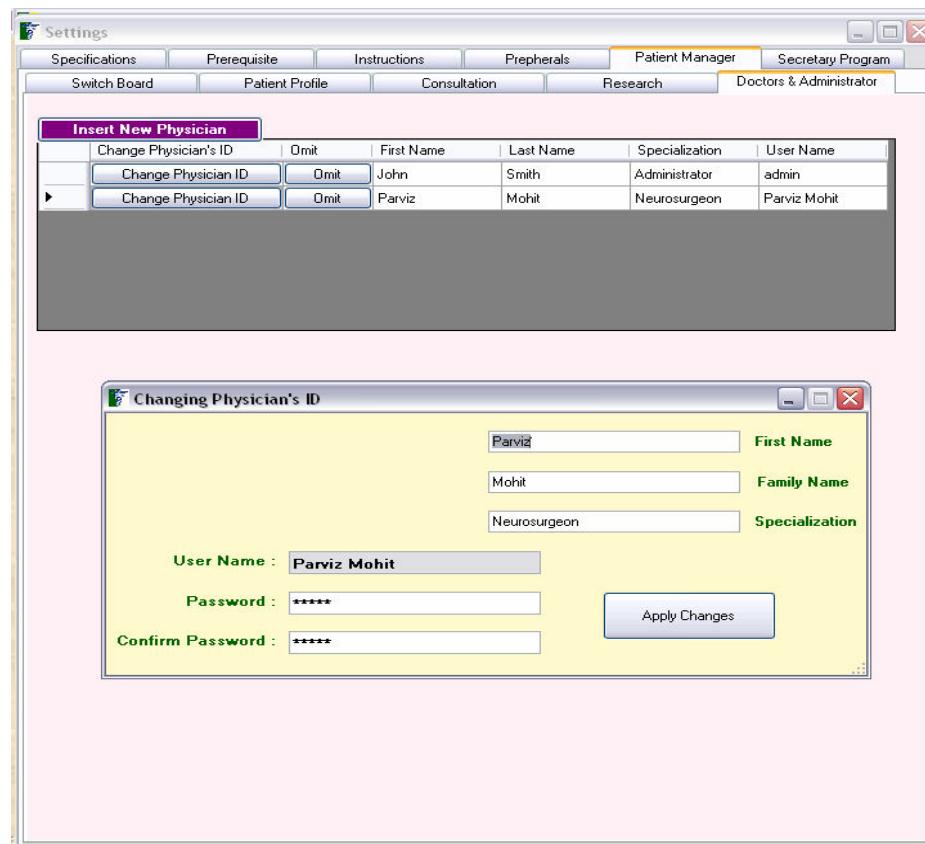
In the patient profile tab OBSTETRICS & GYNOCOLOGISTS and PEDIATRICIANS can activate/deactivate their own patch on this essential interface.
On the preventive care sub-tab, accessory anthropometry program can be attached to the program when using the program for the 1st time.



In Consultation and Research tabs different accessory programs can be attached when setting up the software for the first time. In general, all programs can be attached easily by browsing “drive C”, “program files” after you install the programs as usual and restarting the computer, then look for the familiar program icon in the EXE folder and click on it. For Office Programs go to Office 11 folder and click on the icon you are looking for. For SPSS connection, go to SPSSSPLA in EXE folder.

After closing and opening the CM program, you should be able to open directly to the accessory program by one click on the button.

“Doctors & Admin” tab is to change or add information of the doctors who may share this program and can be used by the clinic manager (Admin) or physicians for changing their password and users.

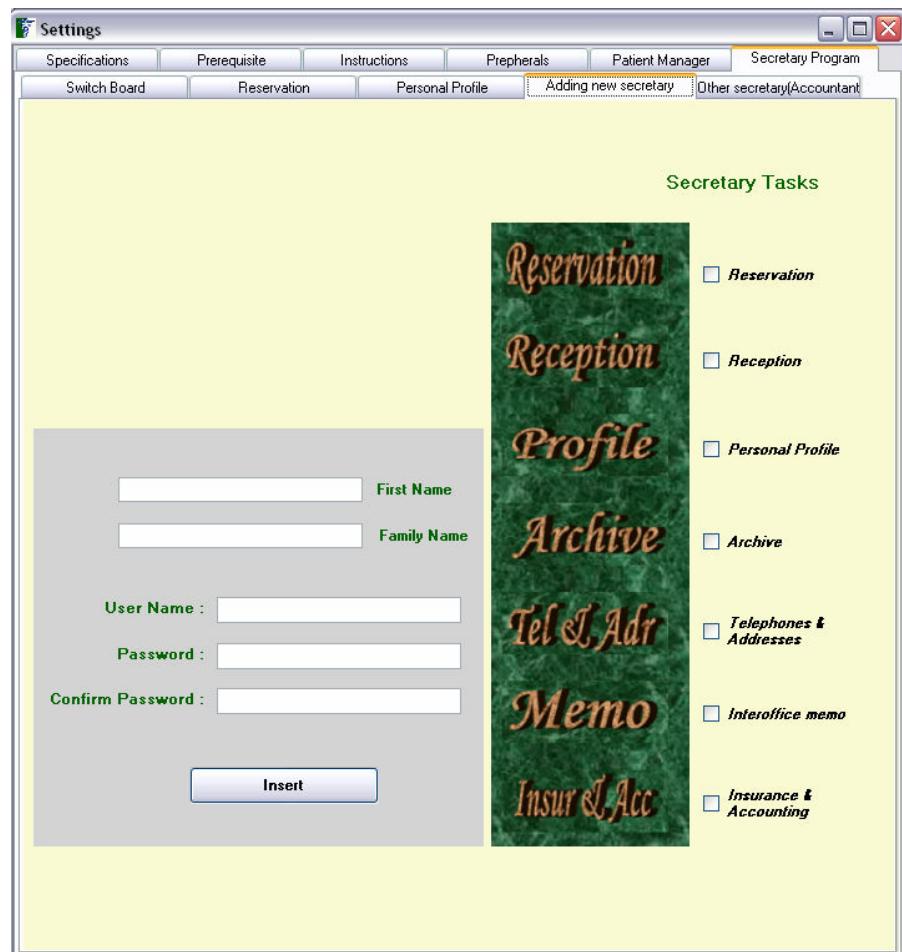


Secretary Program tab has five sub-tabs of its own: Switchboard can be modified in melody, theme, photos, and their timing like the other switchboards.

Appointments tab is used to connect to accessory programs, also to hide/unhide Caller ID option. In Personal Profile tab, the page can be instructed to behave intelligently when a title is used for the patient. Here, you can instruct the page to hide many items inappropriate to the title chosen. Marital status can also become a filter to block other inappropriate items. The two groups work independently. You should apply the changes before the changes take effect.



The two last tabs are used to control or change different secretaries, clerks and accountants' usernames and passwords or hide/unhide the tasks they are assigned to do on their switchboard.



Medical File Closet

Medical File Closet is the show place of all existing profiles on record. It is very similar to Add & Remove Program in the Microsoft Windows. It shows necessary and basic information of all files with their and total numbers. Each file can be removed from the software with necessary precautions. Each file can be exported in two forms, one through notepad in summary or in full details or in .cm form for backup or use in other same programs elseware. AV Folders are available when searching a file and must be cleared separately.

Medical File Closet

		Profile No.	First Name	Family Name	First Admission Date	Last Visit Date	Name of physician	
▶	txt. cm. Del	820	Robert	A. Edwards	2007/06/09	2007/06/09	Dr Parviz M...	AV Folder
	txt. cm. Del	821	Helen	K. Jones	2007/06/10	2007/06/10	Dr Parviz M...	AV Folder
	txt. cm. Del	823	Susanne	G. Schmidt	2007/06/10	2007/06/10	Dr Parviz M...	AV Folder
	txt. cm. Del	824	Alen	Hobbs	2007/06/11	2007/06/11	Dr Parviz M...	AV Folder
	txt. cm. Del	825	Andre	L. Jeferson	2007/06/13	2007/06/13	Dr Parviz M...	AV Folder
	txt. cm. Del	822	Anand	R. Rao	2007/06/10	2007/06/10	Dr Parviz M...	AV Folder

1 - Notepad

File Edit Format View Help

Mr. Alen Hobbs 68/7/26 year old Artist

CC: None (Health Care)

Dx: Go to PC

PI: He is referred for Preventive care

PH: Not remarkable.

FH:

PE: ABDOMEN: Soft, non-tender without organomegaly or masses., CARDIAC: Soft, non-tender without organomegaly or masses., CONSTITUTIONAL: No apparent distress. Well nourished and well developed., EYES: No exophthalmus, pupillary reaction is normal and EOM intact., HEAD/FACE: Normocephalic., LYMPHATIC: No palpable cervical, supraclavicular or axillary adenopathy., MUSCULOSKELETAL: Normal musculature; no skeletal tenderness or joint deformity., NECK: Supple, without adenopathy or enlarged thyroid., No Neurological findings.Normal in other organ function.

NOSE/MOUTH/THROAT: No nasal deformity,mucus membranes normal, tongue is normal.

G: P: A: L: D: HC: HT: 170 Wg: 65 BP: 120/80

DD:
Px:
Rx:
IP:
OP:
PC:

Total No. of Profiles 6

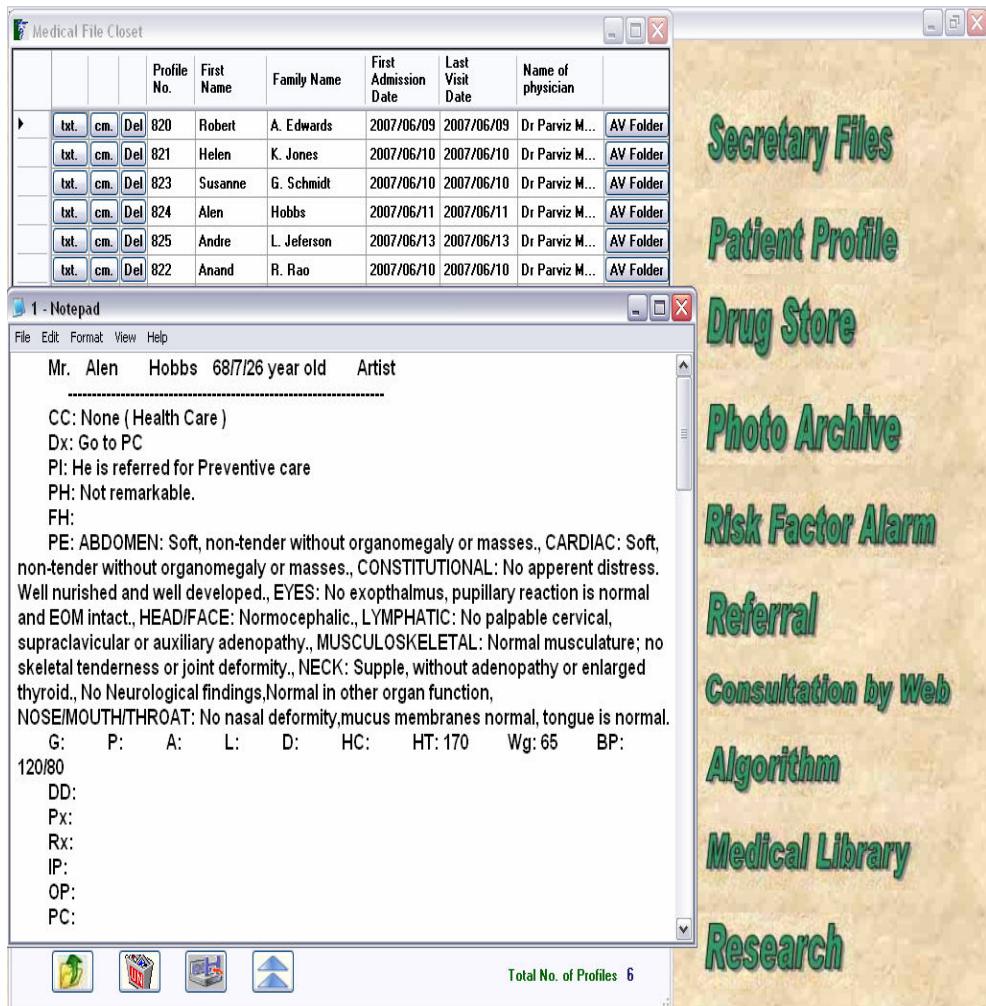
Medical File Closet

		Profile No.	First Name	Family Name	First Admission Date	Last Visit Date	Name of physician	
▶	txt. cm. Del	820	Robert	A. Edwards	2007/06/09	2007/06/13	Dr Parviz M...	AV Folder
	txt. cm. Del	821	Helen	K. Jones	2007/06/10	2007/06/17	Dr Parviz M...	AV Folder
	txt. cm. Del	823	Susanne	G. Schmidt	2007/06/10	2007/06/13	Dr Parviz M...	AV Folder
	txt. cm. Del	824	Alen	Hobbs	2007/06/11	2007/06/19	Dr Parviz M...	AV Folder
	txt. cm. Del	825	Andre	L. Jeferson	2007/06/13	2007/06/13	Dr Parviz M...	AV Folder
	txt. cm. Del	822	Anand	R. Rao	2007/06/10	2007/06/13	Dr Parviz M...	AV Folder
*			William	F. Greenburg	2007/06/16	2007/06/16	Dr Parviz M...	AV Folder

Exports all .cbk files for backup

Total No. of Profiles 7

All CM files can be exported for backup or imported into same program elseware. Clearing the entire closet is possible in one action through icon in the last row.



Several medical files revised or corrected in similar programs installed elsewhere may be imported by clicking import icon below the page. These files enter the archive with NEW file numbers. Make sure to remove the older versions of the files in such cases.

The Network Connecting Instruction

To make Clinical Management multi-user version work in your office with several interconnecting computers, please follow the steps below:

1- Assemble the hardware in appropriate places, and then connect the cables. Turn on the PCs.

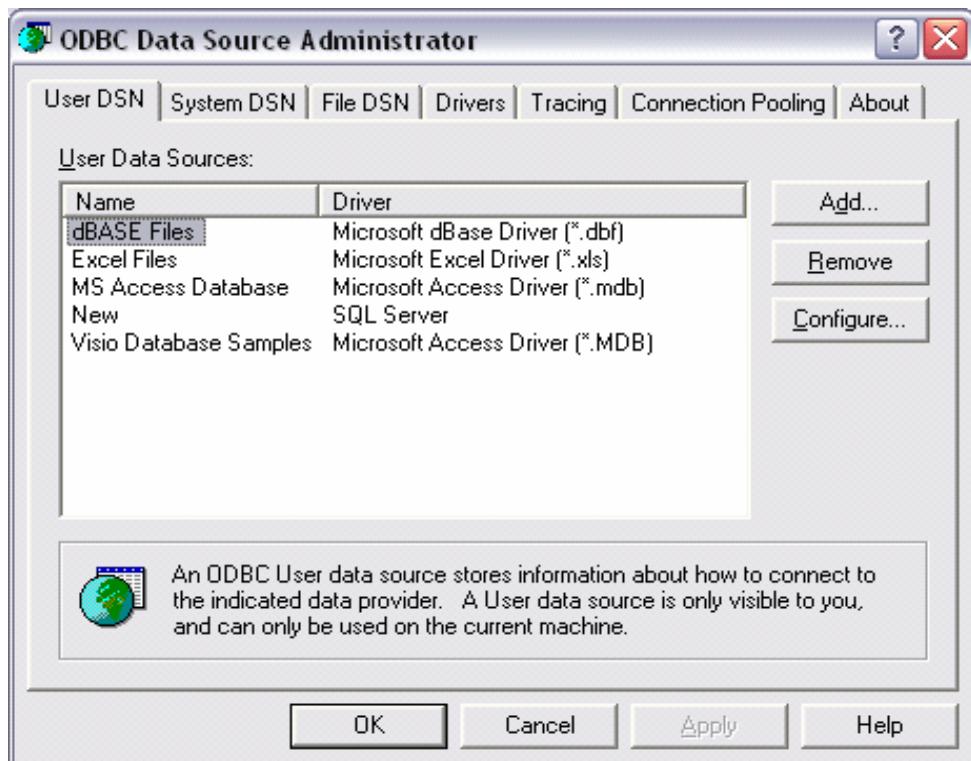


2- Put the DVD in the Doctor side and follow the Installation guidelines.

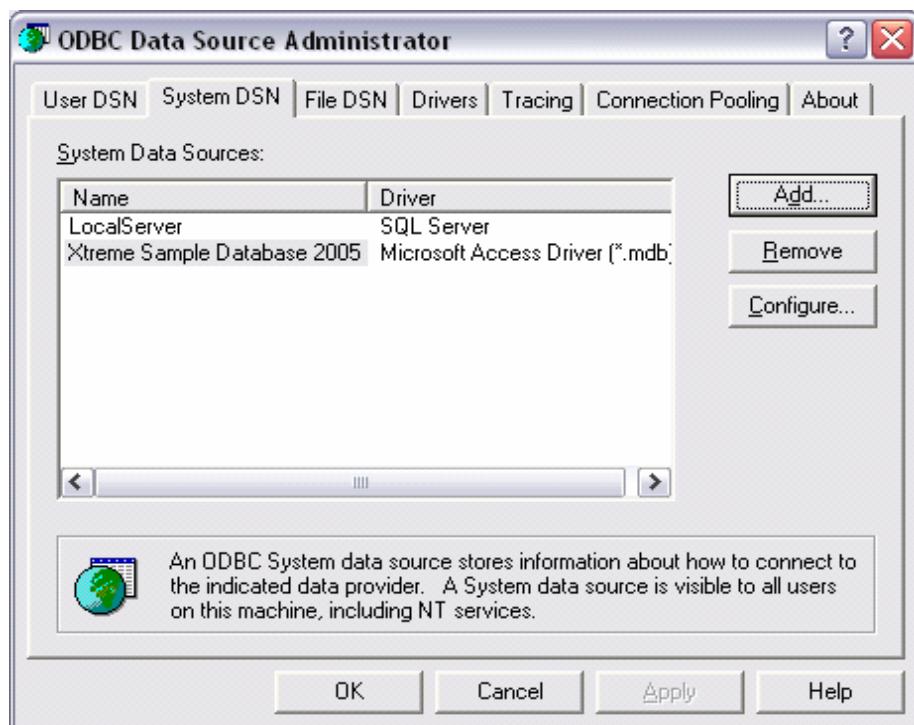
3- Put the DVD in the secretary side and follow the secretary program guidelines.

4- Now, execute the "secretary Program"

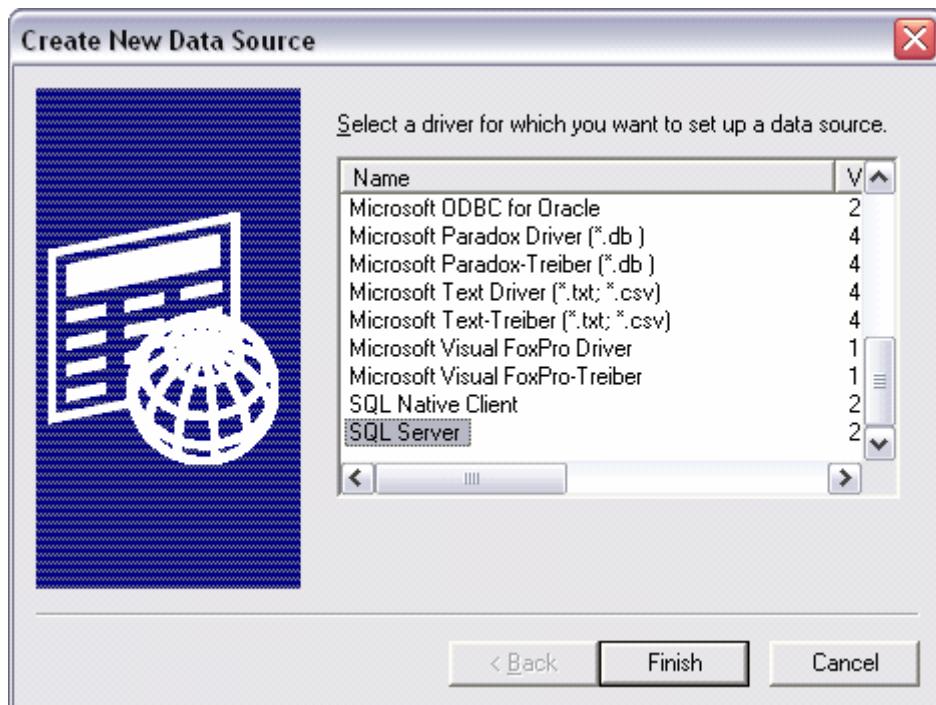
5- In the Doctor side, go to "Control Panel" and double click on "Administrative Tools", then run Data Sources (ODBC) program, you will notice the page below:



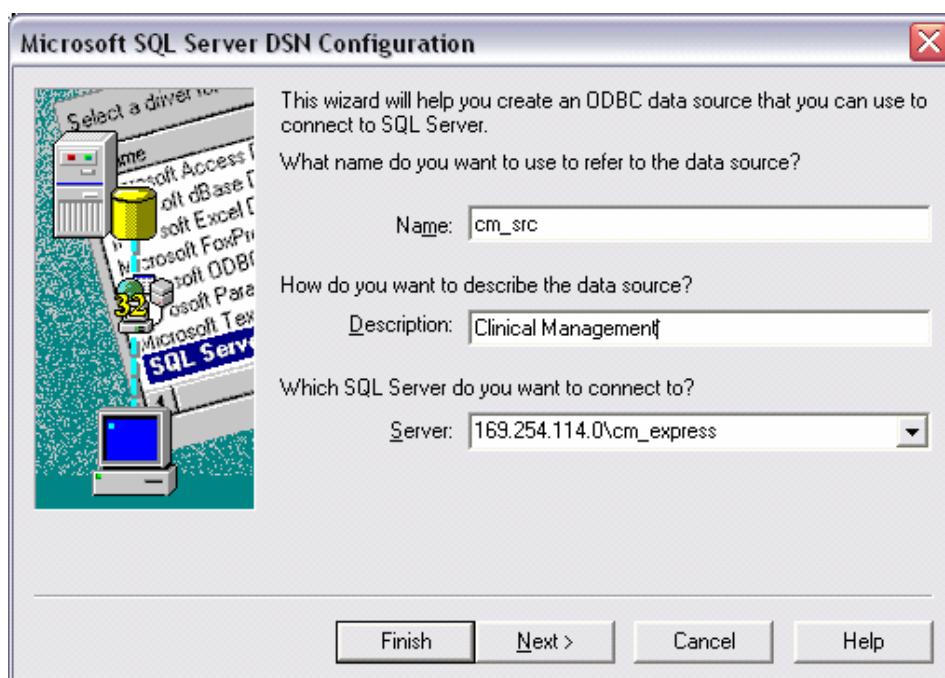
6- Go to “System DSN” option and click “Add”.



7- Choose “SQL Server” in the last option row and click “Finish”.

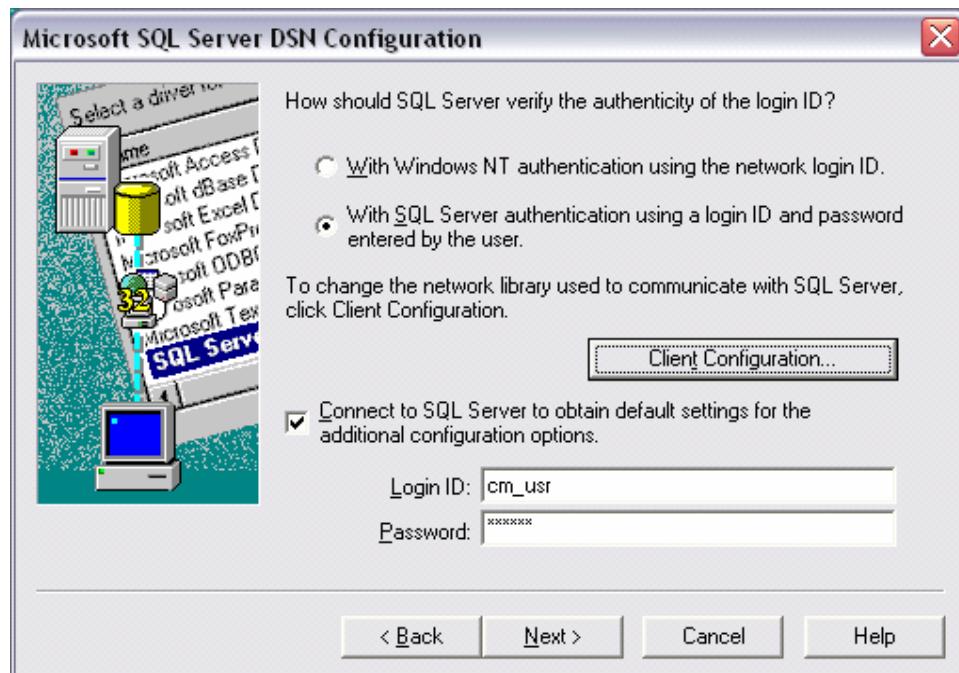


8- In the window below type “cm_src” in front of name and the word “ Clinical Management “ in front of “Description” and in front of “Server” type IP for the secretary part, like “cm_express\192,168,0,1”, then click on “Next”. In the example shown below, the secretary IP is 169, 254,114,0.

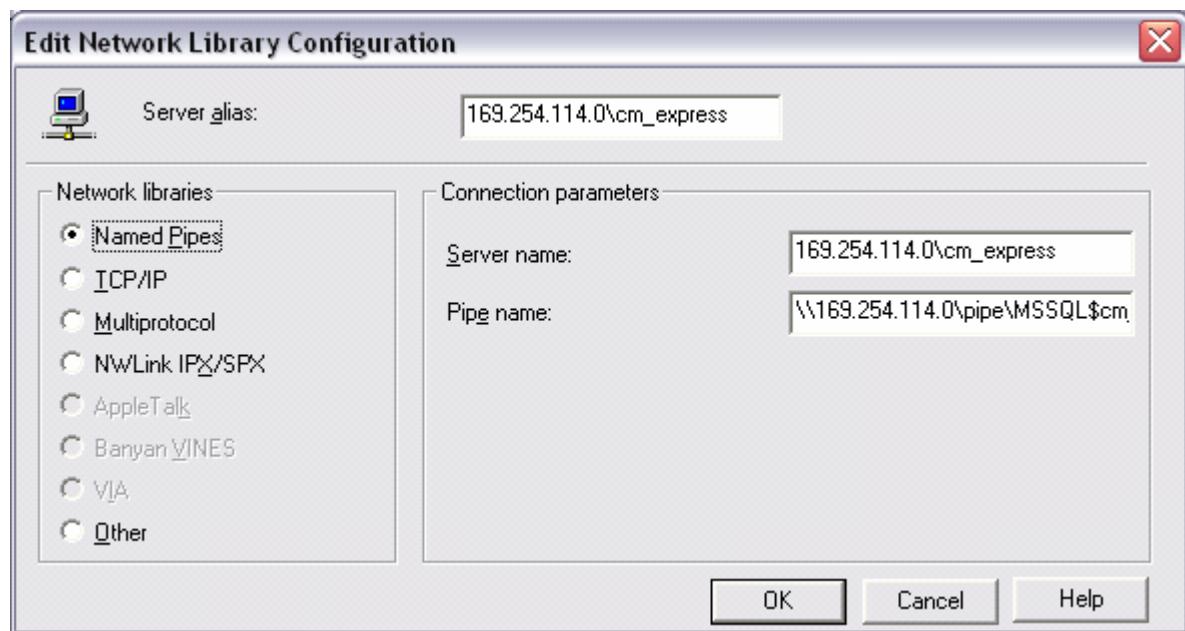


9- In the next window, choose the second option named “With SQL Server Authentication using a login ID and

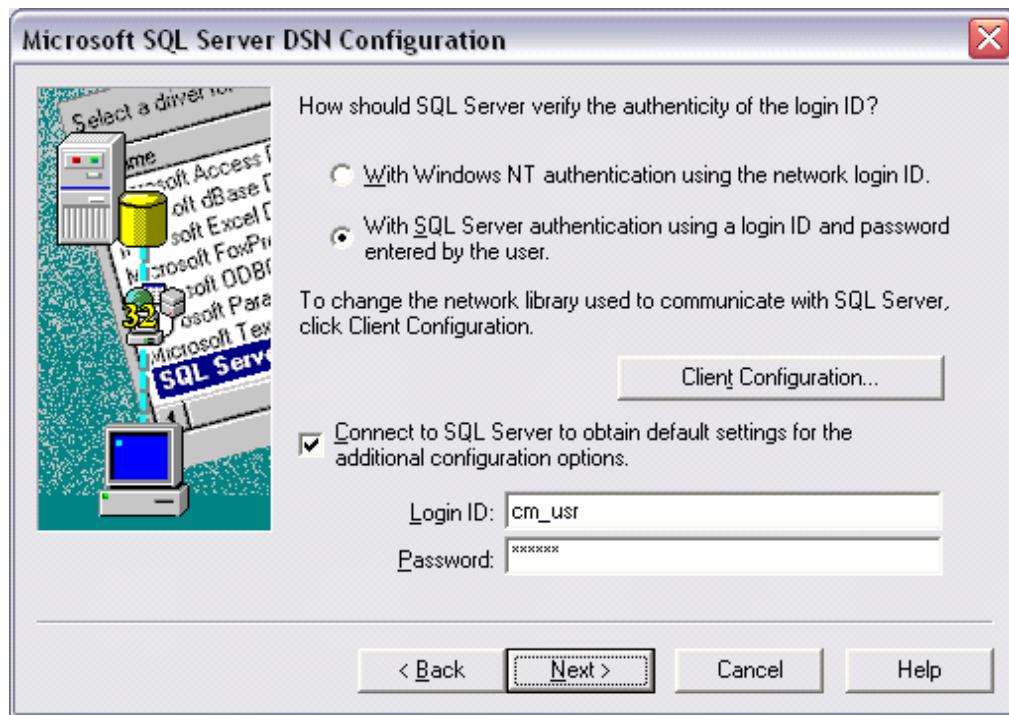
password entered by the user” then click on “...Client Configuration”.



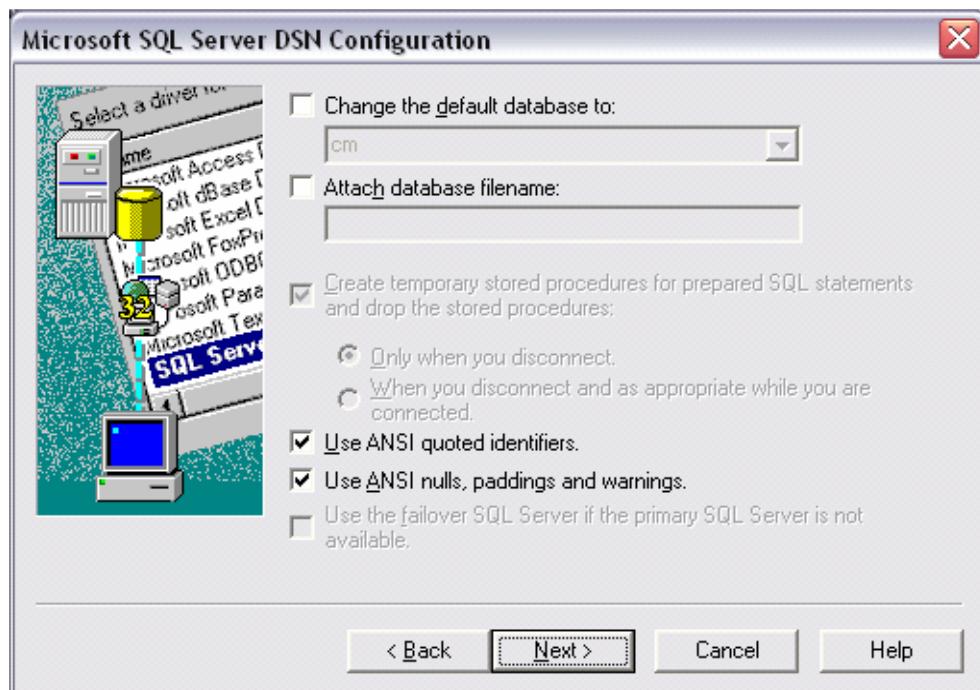
10- In the next window choose “Name Pipes” then click “OK”.



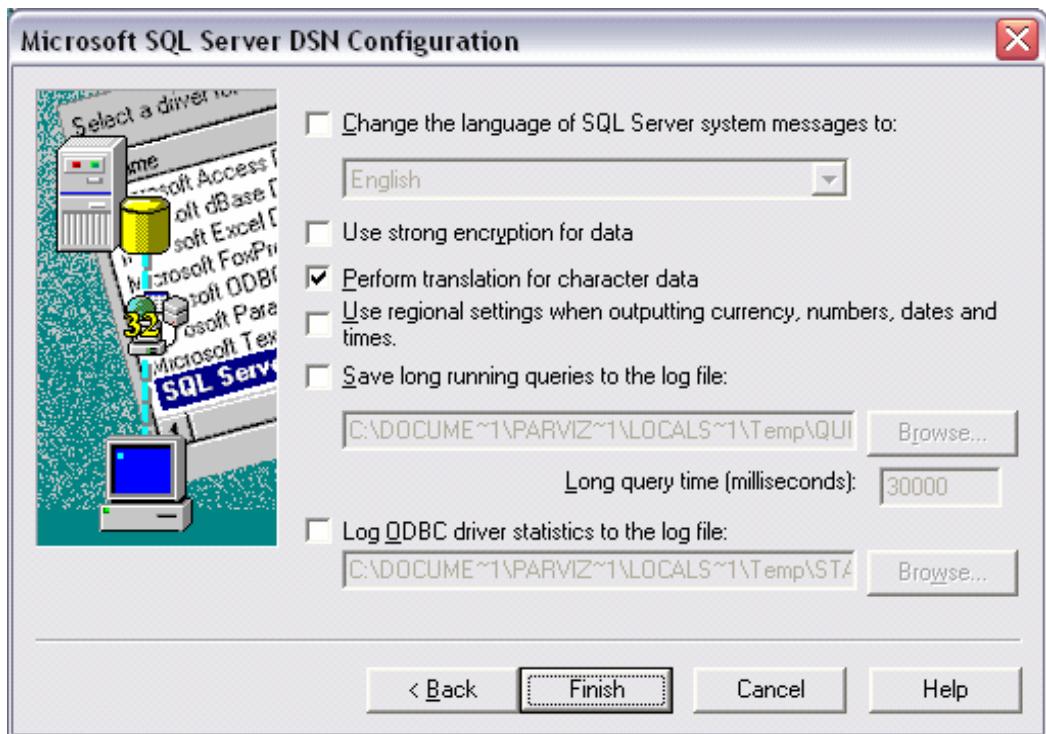
**11- Now, tick the below option:
“ Connect to SQL Server to obtain default settings
for the additional configuration options” and type “cm_usr”
in front of “Login ID” and in front of Password type “123456”,
then click on “Next”.**



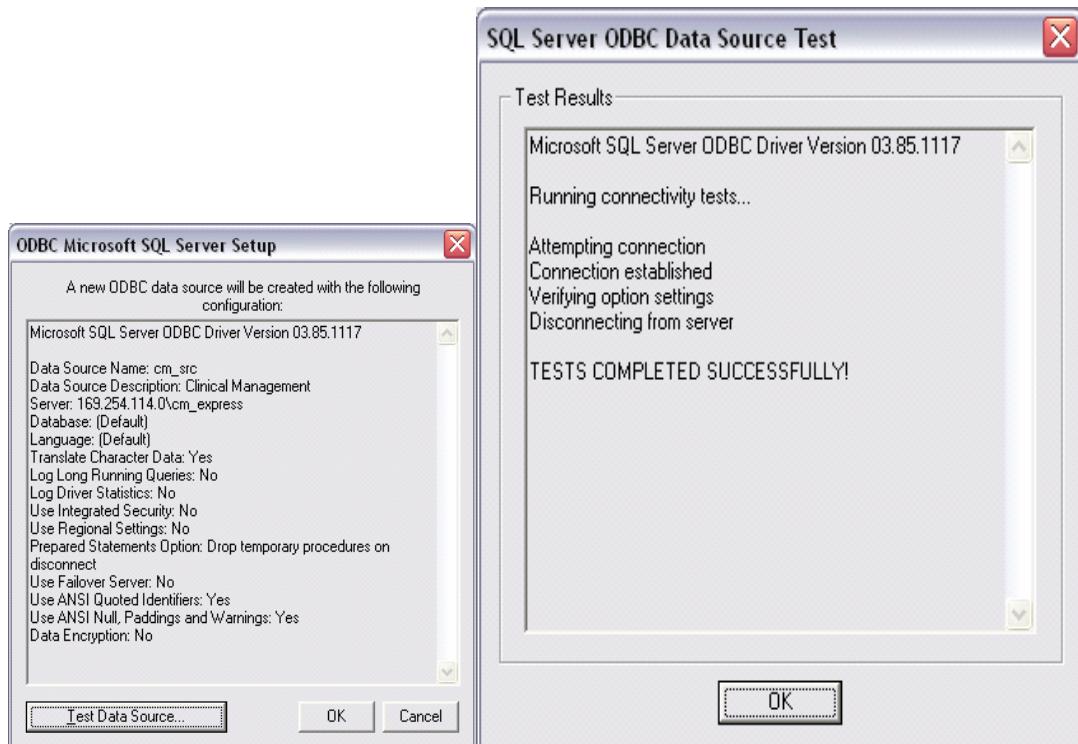
12- Click “Next” in the new window.



13- Click “Finish” in this window.

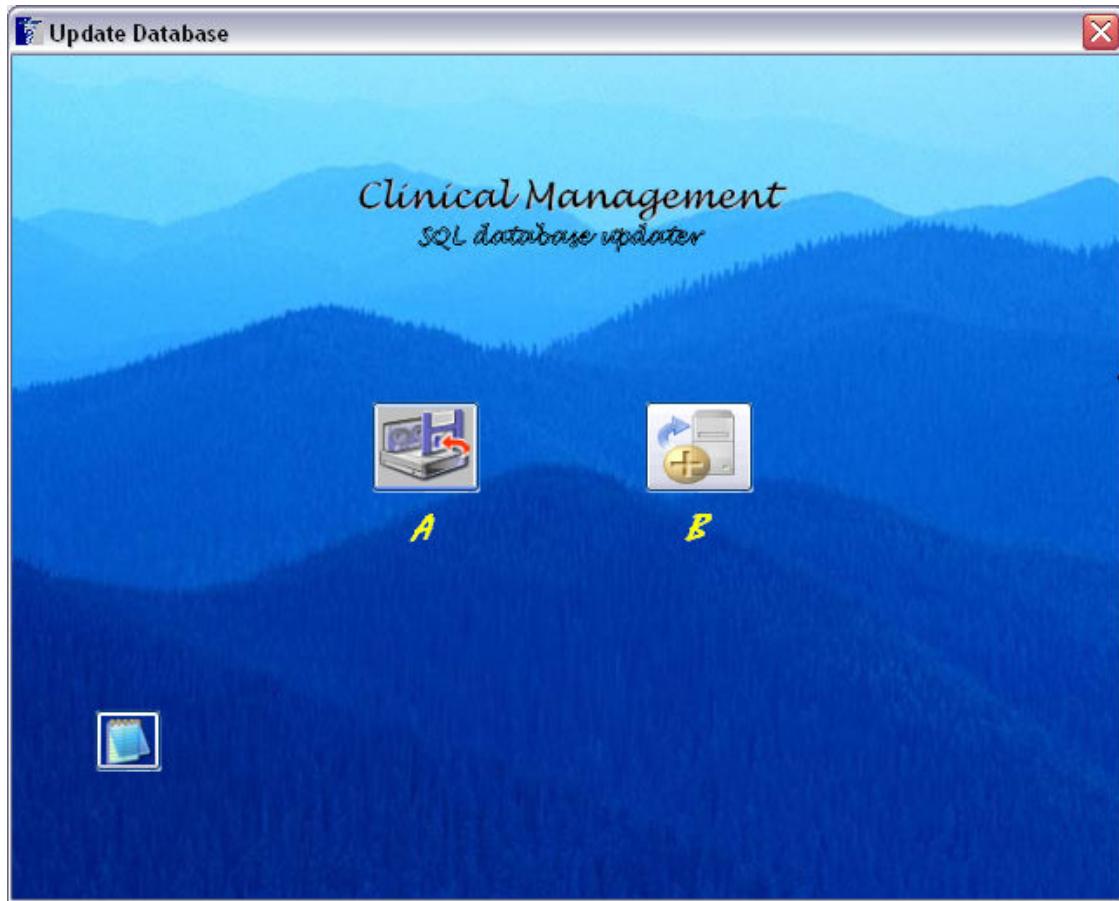


14- Click "...Test Data Source" and then "OK" to close the window.



Updating Clinical Management Database

All inserted data into the program by the user is stored in Microsoft SQL Server 2005 files named "cm data" and "cm data log" in db folder.



Updating other similar CM programs on other computers like single user version installed on a laptop is possible by using a handy little software, which is found in bonus programs on the DVD. Follow the simple instruction on its release note or the summary instruction below:

- 1- Place the program on the target PC with the NEW database.
In networks, place the program on the PC with database, or in shared folders on the secretary side.
- 2- Close Clinical Management program in both sides.
- 3- Click A tab.
- 4- Move the program into the PC with older database.
- 5- Click B tab.

Earlier version of SQL Server, like 2000 can be updated simply by copying the above mentioned files and pasted (replaced) on older ones, but SQL Server 2005, which is used for this software may not accept the files due to security considerations...

Smaller bolus data files like Px or Rx data can be replaced and updated through Medical Library & trees option. Read about how to do it in the related paragraphs.