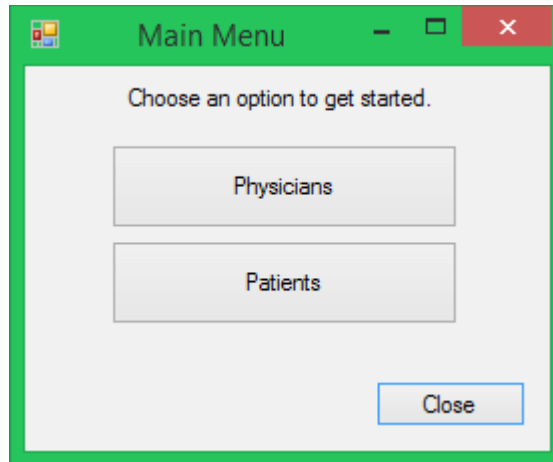


User Manual

1.0 – Main Menu

When the program launches the initial window shown is the Main Menu. From this window the ability to view, and edit the physicians and patients is available. The window consists of three buttons, Physicians, Patients, and Close.



1.1 – Physicians Button

The Physicians button will launch the Physicians window, from which the user can view the physicians currently in the database, add new physicians, and edit any of the existing, or added, physicians information. Clicking on this button hides the Main Menu until the child window is closed.

1.2 – Patients Button

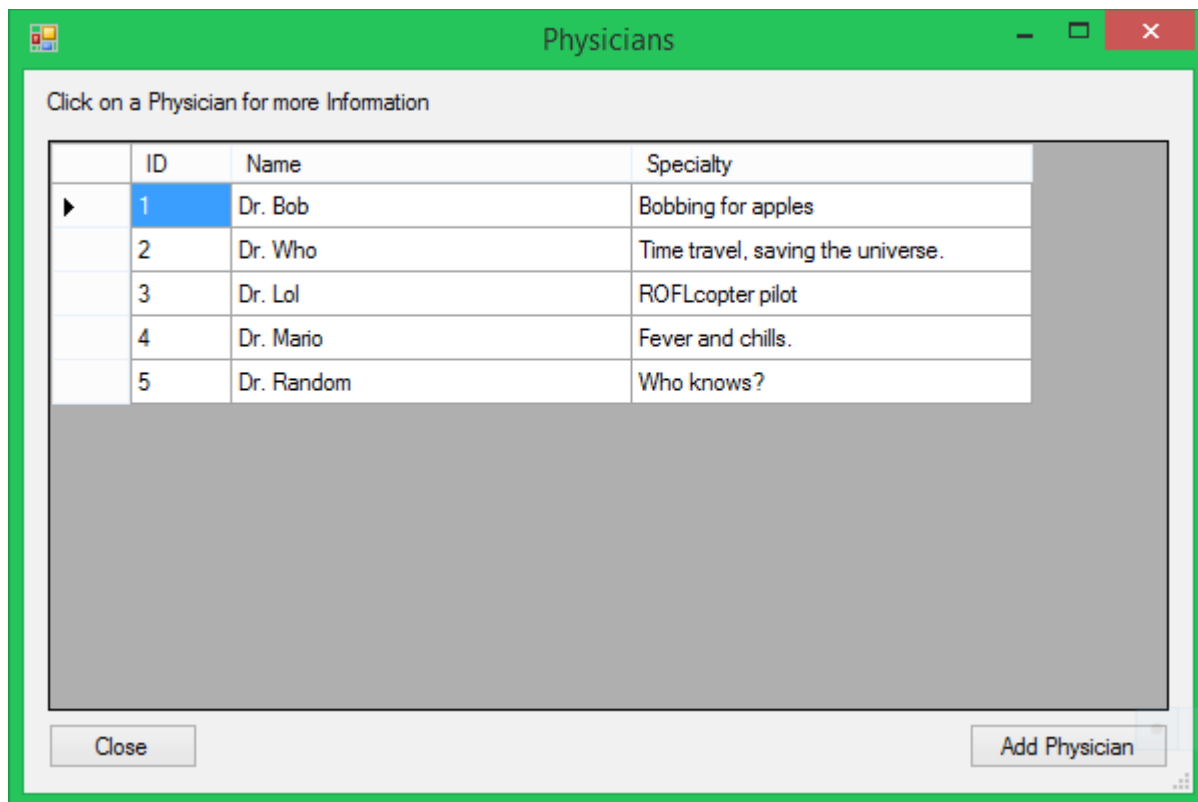
The Patients button will launch the Patients windows, from which the user can view the patients currently in the database, add new patients, and edit any of the existing, or added, patients information. Clicking on thi9s button hides the Main Menu until the child window is closed.

1.3 – Close Button

The Close button will exit the program, as if clicking on the X button in the top right corner of the window.

2.0 – Physicians Window

The Physicians window displays all of the physicians in the database, and allows you to add new physicians, and facilitates editing specific physicians information. The widow consists of a data grid, which displays the information on every physician, an Add Physician button, and a close button.



2.1 – Physicians Data Grid

The Physicians data grid displays the ID, Name, and Specialty of every physician in the database. By clicking on a specific entry it will open a PhysicianDetails window that will contain the information on that physician and allow you to edit that information. Clicking on an entry does not close the Physicians window.

2.2 – Add Physician Button

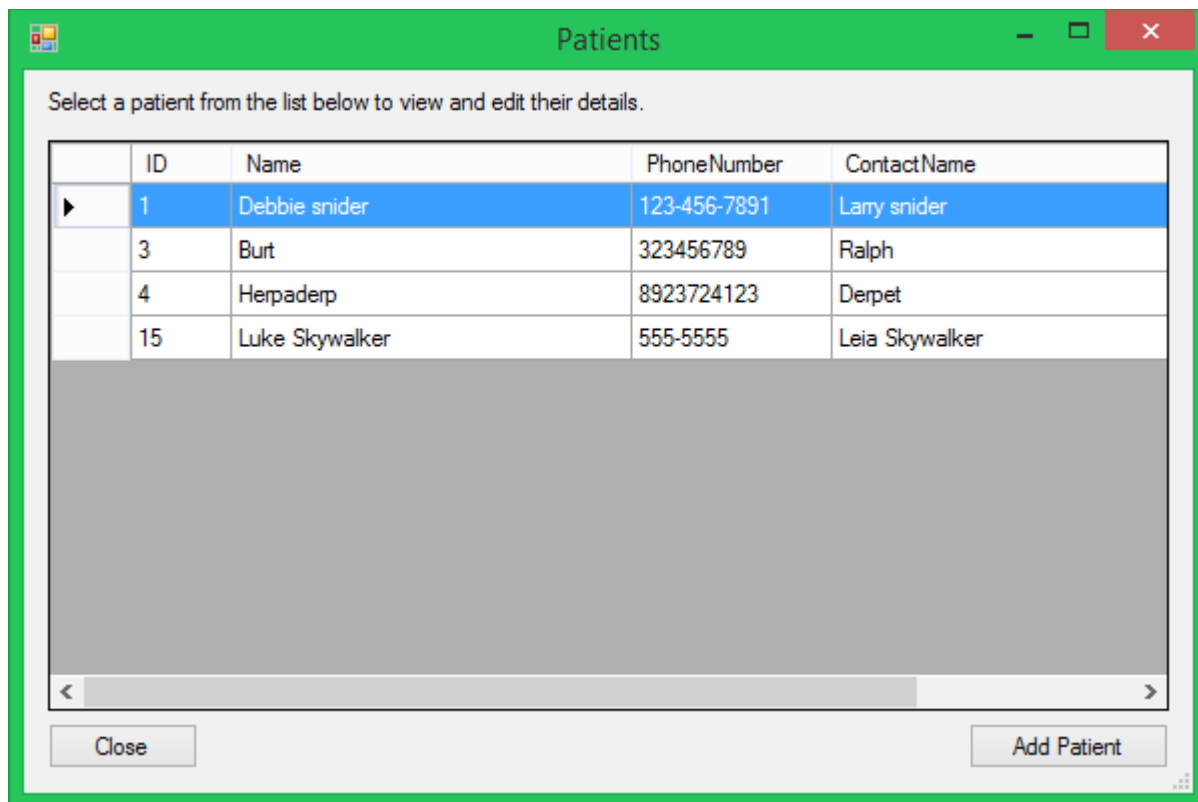
The Add Physician button will add a new physician to the database, automatically assigning an ID number to them, and then open the PhysicianDetails window to allow you to input the information of the new physician. Note that clicking on this button adds a mostly blank entry into the database, Physicians cannot be removed from the database so caution is advised for using this button.

2.3 – Close Button

The Close button will close the Physicians window and reopen the Main Menu, as if clicking the X button in the top right corner of the window.

3.0 – Patients Window

The Patients window displays all of the patients in the database, and allows you to add new patients, and facilitates editing specific patient information. The window consists of a data grid, which displays the information on every patient, an Add Patient button, and a close button.



3.1 – Patients Data Grid

The Patients data grid displays the ID, Name, Phone Number, Emergency Contact Name, Emergency Contact Phone Number, and the ID number of the admitting physician of every patient in the database. By clicking on a specific entry it will open a PatientDetails window that will contain the information on that patient and allow you to edit that information. Clicking on an entry does not close the Patients window.

3.2 – Add Patient Button

The Add Patient button will add a new patient to the database, automatically assigning an ID number to them, and then open the PatientDetails window to allow you to input the information of the new patient. Note that clicking on this button adds a mostly blank entry into the database, so if you want to cancel adding the new patient you must delete the entry from the PatientDetails window, not just cancel.

3.3 – Close Button

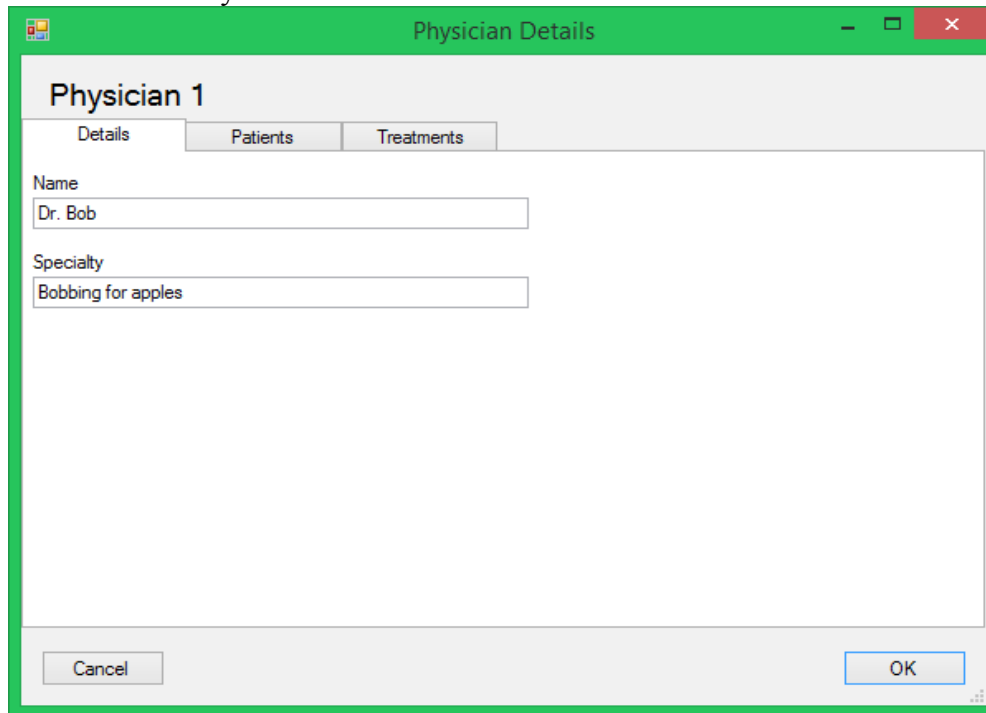
The Close button will close the Patient window and reopen the Main Menu, as if clicking the X button in the top right corner of the window.

4.0 – PhysiciansDetails Window

The PhysicianDetails window allows the user to directly edit the data of a given physician, as well as view the patients they have admitted, and the treatments they are scheduled for. The window consists of three different views, Details, Patients, and Treatments, and two buttons, Ok and Cancel.

4.1 – Details View

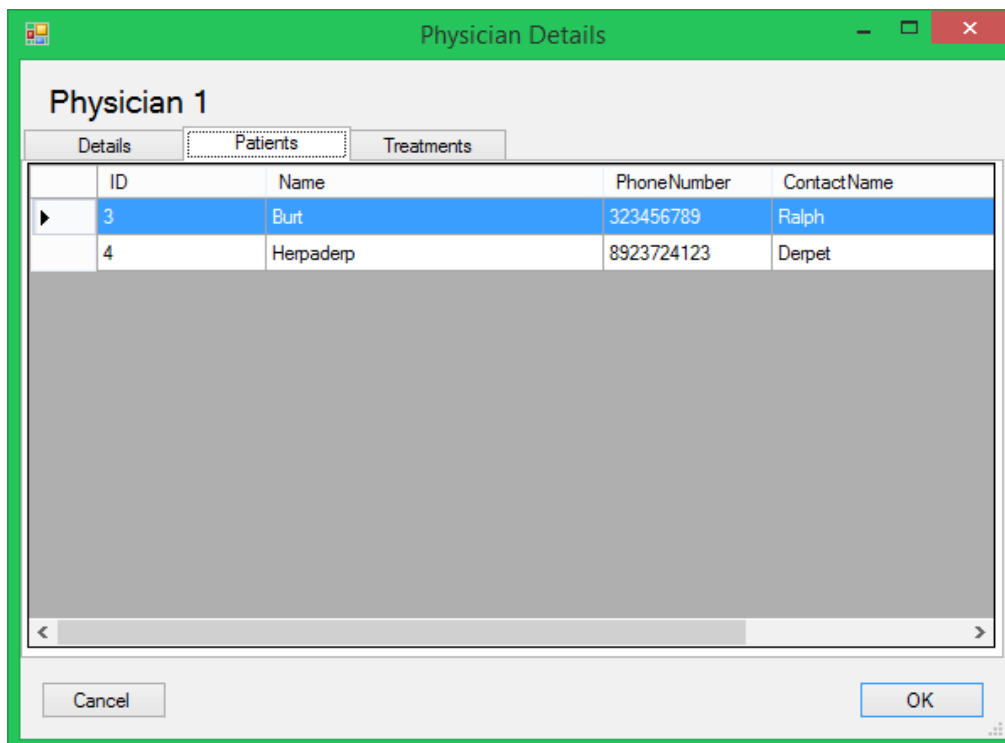
The Details view has two text boxes Name, and Specialty, which are loaded with the Name and Specialty of the physician being viewed/edited. Both of these text boxes can be used to edit those fields of the entry in the database.



The screenshot shows a window titled "Physician Details" with a green title bar. Inside, there's a header "Physician 1" and three tabs: "Details", "Patients", and "Treatments". The "Details" tab is active. It contains two text input fields: "Name" with the value "Dr. Bob" and "Specialty" with the value "Bobbing for apples". At the bottom, there are "Cancel" and "OK" buttons.

4.2 – Patients View

The Patients View consists of a data grid which displays all of the patients admitted by the physician being viewed/edited. No information can be edited here in this view.



The screenshot shows the same "Physician Details" window, but with the "Patients" tab selected. The "Details" tab is now disabled. A data grid displays a list of patients. The first row is highlighted in blue. Below the grid is a scrollbar. At the bottom, there are "Cancel" and "OK" buttons.

	ID	Name	PhoneNumber	ContactName
▶	3	Burt	323456789	Ralph
	4	Herpaderp	8923724123	Derpet

4.3 – Treatments View

The Treatments View consists of a data grid which displays all of the treatments the physician is scheduled for. New treatments can be added by editing the blank entry marked with a *.

The screenshot shows a window titled "Physician Details" with a green title bar. Inside, there's a tabbed interface with three tabs: "Details", "Patients", and "Treatments". The "Treatments" tab is selected. Below the tabs is a data grid with the following columns: ID, Treatment, PatientID, StartTime, and EndTime. The grid contains two rows of data and a third row marked with an asterisk (*). The first row has ID 1, Treatment "Excercise", PatientID 1, StartTime "12:00:00", and EndTime "16:00:00". The second row has ID 2, Treatment "Daily checkup", PatientID 3, StartTime "15:00:00", and EndTime "15:30:00". The third row is empty except for the asterisk in the first column. Below the grid is a scroll bar. At the bottom of the window are two buttons: "Cancel" and "OK".

	ID	Treatment	PatientID	StartTime	EndTime
▶	1	Excercise	1	12:00:00	16:00:00
	2	Daily checkup	3	15:00:00	15:30:00
*					

4.4 – Ok Button

The Ok button will commit any changes you have made to the physicians information to the database, and close the PhysiciansDetails window.

4.5 – Cancel Button

The Cancel button will discard any changes you have made to the physicians information, and close the PhysiciansDetails window.

5.0 – PatientDetails Window

The PatientDetails Window allows the user to directly edit the patients information as well as view and edit their Treatments, Lab Exams, Medications, and Special Diets for that patient. The window consists of five views, Details, Treatments, Lab Exams, Medications, and Special Diets, and three buttons, OK, Delete Patient, and Cancel.

5.1 – Details View

The Details view has four text boxes, for editing the patient's name, phone number, emergency contact, and emergency contact phone number, and one drop down box to specify the admitting physician which is populated with the physicians in the database.

The screenshot shows a window titled "Patient Details" with a green title bar. Inside, there's a tabbed interface with "Details" selected. The form contains the following fields:

Patient 1				
Details	Treatments	Lab Exams	Medications	Special Diets
Name	Debbie snider			
Phone Number	123-456-7891			
Emergency Contact Name	Larry snider			
Emergency Contact Phone Number	987-654-3211			
Admitting Physician	Dr. Lol			

At the bottom, there are three buttons: "Cancel", "Delete Patient", and "OK".

5.2 – Treatments View

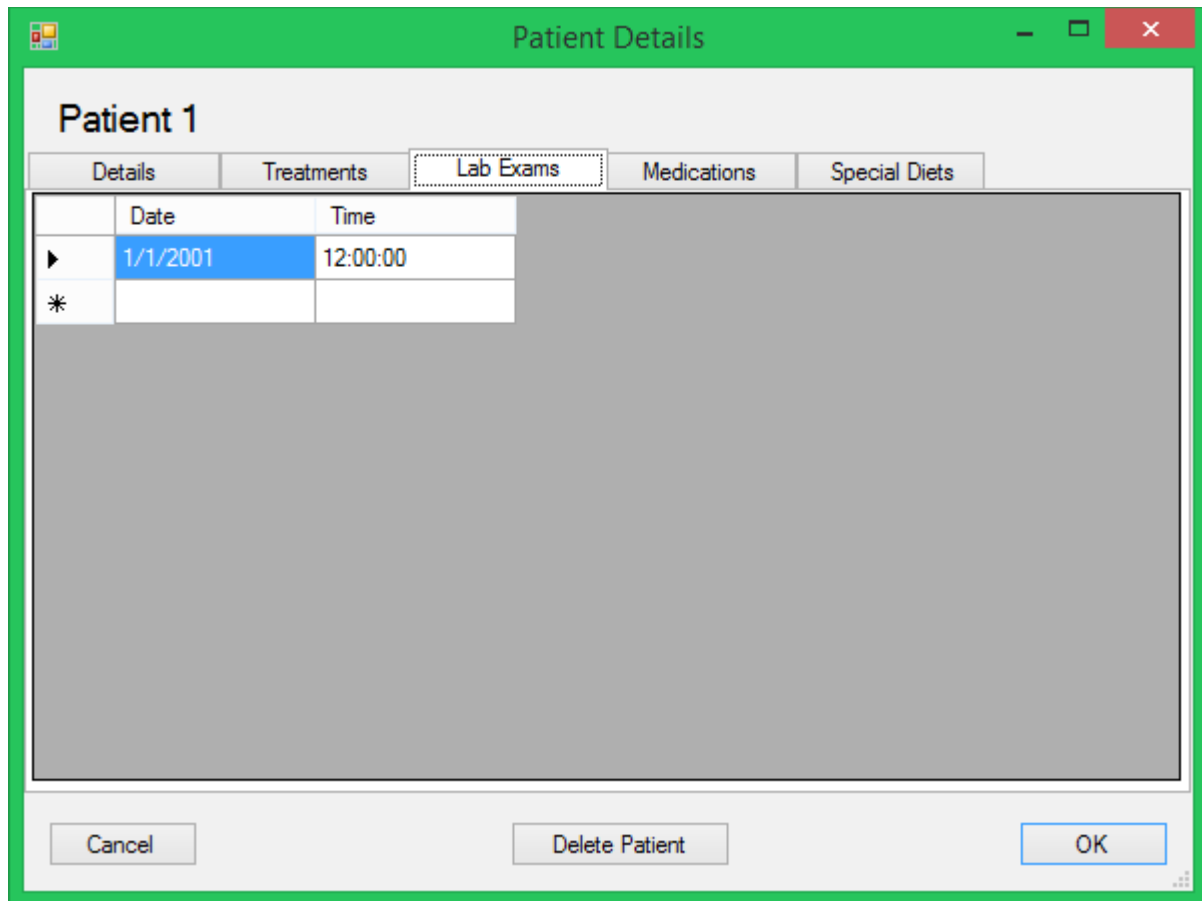
The Treatments View consists of a data grid which displays all of the treatments the patient is scheduled for. New treatments can be added by editing the blank entry marked with a *. The physician administering the treatment is chosen by using a drop down box populated with the names of all the physicians.

The screenshot shows a software window titled "Patient Details" with a green title bar. Inside, the "Patient 1" section has four tabs: "Details", "Treatments" (which is selected and has a dotted border), "Lab Exams", and "Special Diets". Below the tabs is a table with five columns: "Name", "StartTime", "EndTime", and "PhysicianID". The first row shows "Excercise" (highlighted in blue), "12:00:00", "16:00:00", and "Dr. Bob" with a dropdown arrow. The second row shows "cool down", "16:00:00", "16:01:00", and "Dr. Lol" with a dropdown arrow. The third row is a blank entry marked with an asterisk (*) in the first column, with empty cells for the others and a dropdown arrow for the physician. Below the table is a large grey rectangular area. At the bottom of the window are three buttons: "Cancel", "Delete Patient", and "OK".

	Name	StartTime	EndTime	PhysicianID
▶	Excercise	12:00:00	16:00:00	Dr. Bob ▼
	cool down	16:00:00	16:01:00	Dr. Lol ▼
*				▼

5.3 – Lab Exams View

The Lab Exams view consists of a data grid which displays all of the lab test performed on the patient, new entries can be added by editing the blank entry next to the *.



The screenshot shows a software window titled "Patient Details" with a green title bar. Inside, the "Patient 1" section has four tabs: "Details", "Treatments", "Lab Exams" (which is selected and has a dotted border), and "Medications". To the right of these tabs is a "Special Diets" tab. The "Lab Exams" tab contains a data grid with two columns: "Date" and "Time". The first row of the grid is highlighted in blue and contains the values "1/1/2001" and "12:00:00". The second row is a blank entry, indicated by an asterisk (*) in the first column. Below the grid is a large gray area. At the bottom of the window are three buttons: "Cancel", "Delete Patient", and "OK".

	Date	Time
▶	1/1/2001	12:00:00
*		

5.4 – Medications View

The Medications view consists of a data grid which displays all of the medication prescribed to the patient, new entries can be added by editing the blank entry next to the *.

The screenshot shows a software window titled "Patient Details" with a green title bar. Inside, the "Patient 1" section has four tabs: "Details", "Treatments", "Lab Exams", and "Medications" (which is selected and highlighted with a dotted border). To the right of these tabs is a "Special Diets" tab. Below the tabs is a data grid with five columns: "Drug", "Dosage (mg)", "StartDate", and "EndDate". The first row contains "Penicilin 2.0", "2", "1/2/2003", and "3/2/2001". The second row contains "Element X", "5", "1/1/2005", and "7/1/2005". The third row is a blank entry preceded by an asterisk (*). Below the grid is a large grey rectangular area. At the bottom of the window are three buttons: "Cancel", "Delete Patient", and "OK".

	Drug	Dosage (mg)	StartDate	EndDate
▶	Penicilin 2.0	2	1/2/2003	3/2/2001
	Element X	5	1/1/2005	7/1/2005
*				

5.5 – Special Diets View

The Special Diets view consists of a data grid which displays all of the special diets the patient should be following, new entries can be added by editing the blank entry next to the *.

The screenshot shows a window titled "Patient Details" with a green title bar. Inside, the "Patient 1" section has four tabs: "Details", "Treatments", "Lab Exams", and "Medications". The "Special Diets" tab is selected and highlighted with a dashed border. Below the tabs is a table with four columns: "Breakfast", "Lunch", and "Dinner". The first row shows "200 cals" under Breakfast, "150 cals" under Lunch, and "200 cals" under Dinner. The second row shows "300 calcium" under Breakfast, "N/A" under Lunch, and "N/A" under Dinner. A third row is partially visible, starting with an asterisk (*) in the first column, followed by blank cells for the other columns. Below the table is a large gray rectangular area. At the bottom of the window are three buttons: "Cancel", "Delete Patient", and "OK".

	Breakfast	Lunch	Dinner
▶	200 cals	150 cals	200 cals
	300 calcium	N/A	N/A
*			

5.6 – OK button

The OK button will commit any changes made to the patient's information to the database and close the PatientDetails window.

5.7 – Delete Patient Button

The delete patient button will delete the patient from the database along with any related treatments, lab exams, medications, and special diets, and then close the PatientDetails window.

5.8 – Cancel Button

The cancel button will discard any changes made to the patient's information and close the PatientDetails window.