**Patient Blood Pressure Report Pseudocode**

Read Patient records from file

1. Declare public arrays and variables
2. Declare private variables
3. Create StreamReader object
4. Open patient.txt file and read to end
5. Assign patient name rows to string array
6. Assign patient systolic value to integer array
7. Use timer regulate intervals of status bar
8. Update and display status bar value until 100
9. Display number of records in file

Display Patient Information Form

1. Display patient information in listbox
2. Create new consult.txt file or overwrite existing file
3. Create StreamWriter object
4. Write all patients records with systolic values over 120 to file
5. Accumulate total high blood pressure patients
6. Total and average patient systolic value
7. Display number of records written to file, number of patients with high blood pressure and average systolic value

Clear Form

1. Restart application

Exit Form

1. Close application