Algorithm for incoming new patient.

1. Starting point of the new patient in the clinic.
2. Patient will go to the information area of the clinic/hospital.
3. The staff will give a form to get information (string data type) from the patient.
4. The staff will endorse the new patient to the doctor.
5. The doctor will assess the health condition of patient. If the assessment of the doctor is severe, or (Yes) the patient needs to stay on the clinic or hospital; the patient needs to go back in information for additional information for confinement.

If (NO) the patient will go home on the same day.

1. If (NO) the patient can go to the cashier to pay the clinic/hospital bill.
2. End of patient transaction.

Pseudocode

Begin

String data type

Input

Doctor Assessment

IF severe (YES)

Display “The patient needs to stay on the clinic or hospital.

Display “The patient returned to the information section for additional information for confinement

IF not severe (NO)

Display “The patient can go home on the same day”

ENDIF

END

Flowchart of a new patient

Dr. Assessment

Process of Endorsement

Information

IF SEVERE (YES)

IF NOT SEVERE (NO)

Process of payment