Algorithm:

1. First need to fill-up a Patient Data Information.
2. Nurse will take a blood pressure, height and weight.
3. Doctor will ask the reason of consultation.
4. Doctor will give a suggestion base in your health issue.
5. Doctor will give you a doctor's prescription, if no there's no need an major check-up
6. Payment for consultation or check-up.
7. Go Home.

Pseudocode:

```
BEGIN
  STRING data
  DISPLAY "Data Information"
  INPUT data
  DISPLAY "Blood Pressure, Height and Weight."
  INPUT bmi
  DISPLAY "Reason"
  INPUT health issue
IF health THEN
  DISPLAY "you're healthy as of now"
  ELSE
  DISPLAY "you're not healthy need follow-up for major check-up"
ENDIF
  DISPLAY "Doctor's prescription"
  INPUT medical drugs
  OUTPUT medical check-up
END
```

FLOWCHART:

```
                          ┌─────────────┐
                          │    START    │
                          └──────┬──────┘
                                 │
                                 ▼
                          ┌─────────────────┐
          ┌──────────────►│ DATA INFORMATION│◄──────────┐
          │               └────────┬────────┘           │
          │                        │                     │ NO
          │                        ▼                     │
   ┌──────┴──────────┐        ◇─────────◇                │
   │ FOLLOW UP CHECK-│       ╱           ╲───────────────┘
   │       UP        │      ◇ CONSULTATION ◇
   └─────────────────┘       ╲           ╱
          │                   ◇─────────◇
          │                        │ YES
          │                        ▼
          │               ┌──────────────────┐
          └──────────────►│ DOCTOR'S         │
                          │ PRESCRIPTION     │
                          └────────┬─────────┘
                                   │
                                   ▼
                          ┌──────────────────┐
                          │ CHECK-UP PAYMENT │
                          └────────┬─────────┘
                                   │
                                   ▼
                          ┌─────────────┐
                          │     END     │
                          └─────────────┘
```

START

DATA INFORMATION

FOLLOW UP CHECK-UP

CONSULTATION

NO

YES

DOCTOR'S PRESCRIPTION

CHECK-UP PAYMENT

END