[Clinical Care System](file:///D:\KODEGO%20Files\2.%20PROGRAMMING\Intro\Exercise07212021\index.html)

**ALGORITHM**

1. Enter the clinic
2. If for Medical test, proceed to:
   1. Reception Desk 2
   2. Medical testing
   3. Doctor Consultation
   4. Billing/Payment
3. If not for MT, ask yourself if this is your first visit
4. If 1st visit, proceed to New Patient Desk
   1. After that, proceed to Reception Desk 1
5. If not for 1st visit, proceed to reception desk 1.
6. Need lab test? Proceed to lab test.
7. With x-ray appointment? Proceed to x-ray.
8. After lab/x-ray, line up for the consultation w/ doctor.
   1. If with doc appointment, 1st priority
9. Needs to be hospitalized? Stay.
10. Doctor recommends follow-up test? Make appointment for next test
11. Have a follow-up visit? Make appointment for next visit.
12. Proceed to billing/payment.
13. Leave the clinic.

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**PSEUDOCODE**

BEGIN

IF for MT, THEN

DISPLAY “Proceed to Desk 2”

ELSE

DISPLAY “First Visit?”

IF 1st Visit, THEN

DISPLAY “Proceed to New Patient Desk”

INPUT Name, DOB, Sex, Contact Number, Email, Address,

Marital Status, Weight, Height, Contact Person,

Relationship, Contact Number

ELSE

DISPLAY “Proceed to Desk 1”

IF needs lab test, THEN

DISPLAY “Proceed to Lab Testing Area”

IF w/ x-ray appointment, THEN

DISPLAY “Proceed to X-ray Area”

IF w/ doctor’s appointment, THEN

DISPLAY “Proceed to Dr. XXX”

ELSE

DISPLAY “Please wait to be called.”

IF for hospitalization, THEN

DISPLAY “---------”

ELSEIF needs a follow-up test, THEN

DISPLAY “Make appointment for next test”

ELSEIF needs a follow-up visit, THEN

DISPLAY “Make appointment for next visit”

PROCEED to Billing/Payment

END