**Clinical Care Workflow for a new patient**

**Algorithm:**

1. Patients walks to the hospital front-desk
2. Assisting nurse will check temperature and assess if there’s any COVID symptom
3. If there’s no symptom then proceed to next step, else take antigen/RT-PCR test

Patient who took test but positive has to go home and undergo a 14-day self quarantine, else, proceed to next step

1. Go to OPD
2. Nurse will ask if the patient is new or returning for follow up
3. If the patient is returning, then proceed to next step, else, fill out forms
4. Nurse will check and record vital signs
5. Nurse will give the cue number
6. Patient meets attending doctor
7. Doctor gives the prescription medication and/or request for other tests
8. If there’s no request for any test proceed to Billing dept. for payment, else, do the doctor’s request
9. Payment
10. End

**Pseudocode:**

START

PROCESS - Temp Check, Health Assessment

DECISION - Does the patient show any COVID symptom?

IF Yes, PROCESS Antigen/RT-PCR test. Is the patient positive or negative for COVID?

IF Positive, THEN go home and do 14 day quarantine to END

ELSE proceed to OPD

ELSE, proceed to OPD

PROCESS - OPD

DECISION - New or Returning patient?

IF Returning, THEN proceed to next step

ELSE, INPUT fill out form

PROCESS - Vital Signs Assessment

PROCESS - Cue number given

PROCESS - Checkup with the doctor

PROCESS - Doctor gives prescription

DECISION - Is the doctor requesting for any lab test?

IF No, THEN proceed to next step

ELSE PROCESS Lab test

PROCESS - Payment

END

**Flowchart:**

START

No

Payment

END

No

OPD

No

Fill out form

Tests

Yes

COVID SYMPTOMS?

NEW OR RETURNING?

DOC REQUESTING FOR TEST?

Prescription

Checkup

Cue Number

Yes

Go home and self-qurantine

No

Yes

+ OR -?

COVID TEST

Yes

Vital Signs

Temp Check/Assessment