**Pseudocode**

Clinical Workflow for a new patient

**If** Patient is above 50 years old yes> Rescheduled for check-ups

**If** Patient is above 50 years old no>

Proceed to Temperature Checking

**If** temperature is above 37degree Celsius > Isolate the patient.

**If** temperature is below 37 degrees Celsius >

Proceed to Blood Pressure check;

**Then** proceed to Clinical Laboratories **If** failed> Reschedule for check-up

**If** pass proceed to Clinical Assessment

**Then** end;

**Algorithm**

1.Check if the patient is 50 years old above or below

1.2 If a patient is 50 above then reschedule for a check-up

1.3 If a patient is 50 below then proceed to Temperature check

2. Check for temperature check

2.2 If temperature is 37 degrees above put in isolation are

2.3 If temperature is 37 below proceed to Blood Pressure Check

3.Checking for Blood pressure

4.Proceed to Clinical Laboratories depends on patient if failed reschedule for another checkup and listen for Doctor’s recommendation.

4.If passed the result the patient proceeds to clinical assessment for recommendation of doctor.

5.End

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**Flow Chart**

