

You are an intern working in the ED at your local clinic. You see a 68 year old female patient brought by her family with 1 week history of dry cough, generalized body weakness, shortness of breath and sore throat. She has recently been on a family trip to KZN and has been informed that 2 of the family members she was visiting with have tested positive for COVID 19.

She is in respiratory distress with low oxygen saturation of 72% on room air. She has diffuse crepitations throughout on examination, and xray reveals numerous patchy infiltrates.

1) What are your working diagnoses and motivate

2) How would you go about confirming this diagnosis

3) If I diagnosis of COVID-19 was made, what

steps would you follow to notify the condition and in what time frame

4) Discuss your understanding of COVID 19 disease surveillance in South Africa, including any appreciations or criticisms of the process