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## COVID-19 Outbreak: An Asthmatic Asymptomatic Case Report

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#### **Abstract**

Nigeria's COVID-19 pandemic is part of the 2019 worldwide coronavirus disease pandemic (COVID-19) caused by extreme acute respiratory coronavirus 2 syndrome (SARS-CoV-2). The first confirmed case was announced in Nigeria on 27 February 2020, when an Italian citizen in Lagos tested positive for the virus. A second case of the virus was reported on 9 March 2020 in Ogun State; a Nigerian citizen who was in touch with the Italian citizen. This paper presents an asymptomatic case of COVID-19.

**Keywords:** COVID-19, Nigeria, Case Report, WHO, Asymptomatic, Asthma.

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## 1. Introduction

In late December 2019, an outbreak of a mysterious pneumonia characterized by fever, dry cough, and fatigue, and occasional gastrointestinal symptoms happened in a seafood wholesale wet market, the Huanan Seafood Wholesale Market, in Wuhan, Hubei, China. The initial outbreak was reported in the market in December 2019 and involved about 66% of the staff there. The market was shut down on January 1, 2020, after the announcement of an epidemiologic alert by the local health authority on December 31, 2019. However, in the following month (January) thousands of people in China, including many provinces (such as Hubei, Zhejiang, Guangdong, Henan, Hunan, etc.) and cities (Beijing and Shanghai) were attacked by the rampant spreading of the disease. Furthermore, the disease traveled to other countries, such as Thailand, Japan, Republic of Korea, Viet Nam, Germany, United States, and Singapore. The first case reported in our country was on Febuary 27, 2020. Globally, as of 6 p.m EST, 28 June 2020, there have been 10,070,339 confirmed cases of COVID-19, including 500,306 deaths documented by W.H.O, involving at least 25 countries. The pathogen of the outbreak was later identified as a novel beta-coronavirus, named 2019 novel coronavirus (2019-nCoV) and recalled to our mind the terrible memory of the severe acute respiratory syndrome (SARS-2003, caused by another beta-coronavirus) that occurred 17 years ago.

### 2. The Case

A 38 year old female with history of loss of sense of smell, loss of sense of taste, headache, body weakness, fever, and vomiting was admitted on 8<sup>th</sup> June, 2020 at 7:00 a.m. Past medical record indicates that the patient has been asthmatic for over sixteen years following pregnancy, and has done appendectomy surgery in the past. RT-PCR for COVID-19 returned positive.

## 3. Vital Signs

Table 1: Patient's observation record for vital signs

Date	Temp ( <sup>0</sup> C)	Pulse. R (bpm)	Resp. R (cpm)	B.P (mmHg)	SPO <sub>2</sub> (%)
8/06/2020	36.4	99	18	-	99
9/06/2020	36.6	98	-	-	97
10//06/2020	36.1	86	-	-	99
11/06/2020	36.0	80	20	127/80	99
13/06/2020	36.6	87	-	101/50	99
20/06/2020	36	87	20	94/61	99

# 4. Drug Chart

**Table 2: Drugs administered to patient** 

Date	Time	Drug	Dose
		Tab Azithromycin	500 mg
		Tab Vit C	500 mg
		Tab Immunocare	1 Daily
	8 a.m.	Tab Zinc	20 mg
		Tab Augumentin	625 mg
		Tab Chloroquine	500 mg
8/06/2020		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Montelukast	10 mg
	7:30 p.m.	Tab Zinc	20 mg
	, 10 ° F.	Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Inhalation Salbutamol	4 Puff
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Immunocare	1 daily
	9 a.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
0.10.5.10.00		Tab Chloroquine	500 mg
9/06/2020		Tab Azithromycin	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
	8 p.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
	10 a.m.	Tab Immunocare	1 daily
		Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
10/06/2020		Tab Azithromycin	500 mg
10/00/2020		Tab Augumentin	625 mg
		Tab Vit C	500 mg
	8 p.m.	Tab Montelukast	10 mg
		Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Inhaled Floxotide	200 mg
	10 a.m.	Tab Augumentin	625 mg
		Tab Vit C	500 mg
11/06/2020		Tab Immunocare	1 daily
		Tab Zinc	20 mg
		Tab Piriton	4 mg

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		Tab Chloroquine	500 mg
		Tab Azithromycin	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Montelukast	10 mg
	8:35 p.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Immunocare	1 daily
	10 a.m.	Tab Zinc	20 mg
	10 4.111.	Tab Piriton	4 mg
		Tab Chloroquine	500 mg
13/06/2020		Tab Azithromycin	500 mg
15, 53, 2520		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Montelukast	10 mg
	6:25 p.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Immunocare	1 daily
	10 a.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
14/06/2020		Tab Azithromycin	500 mg
		Tab Augumentin	625 mg
		Tab Vit C.	500 mg
	Q n m	Tab Montelukast	10 mg
	8 p.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
		Tab Immunocare	1 daily
15/06/2020	8 a.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg
		Tab Azithromycin	500 mg
		Tab Augumentin	625 mg
		Tab Vit C	500 mg
	8 n m	Tab Montelukast	10 mg
	8 p.m.	Tab Zinc	20 mg
		Tab Piriton	4 mg
		Tab Chloroquine	500 mg

Tab Augumentin				
10 a.m.   Tab Immunocare   1 daily   Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg   Tab Augumentin   625 mg   Tab Zinc   20 mg   Tab Augumentin   625 mg   Tab Zinc   20 mg   Tab Zinc   20 mg   Tab Zinc   20 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Augumentin   625 mg   Tab Chloroquine   500 mg   Tab Immunocare   1 daily   Tab Zinc   20 mg   Tab Immunocare   1 daily   Tab Piriton   4 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Chloroquine   500 mg   Tab Azithromycin   500 mg   Tab Azithromycin   500 mg   Tab Azithromycin   500 mg   Tab Zinc   20 mg   Tab Zinc   1 daily   20 mg   20 mg				•
16/06/2020   Tab Zinc   Tab Piriton   A mg   Tab Chloroquine   500 mg   Tab Mayumentin   625 mg   Tab Montelukast   10 mg   Tab Chloroquine   500 mg   Tab Zinc   20 mg   Tab Zinc   20 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Vit C   500 mg   Tab Chloroquine   500 mg   Tab Vit C   500 mg   Tab Vit C   500 mg   Tab Immunocare   1 daily   Tab Immunocare   1 daily   Tab Piriton   4 mg   Tab Chloroquine   500 mg   Tab Azithromycin   500 mg   Tab Zinc   20 mg   Tab Chloroquine   500 mg   Tab Zinc   20 mg   Tab Zinc   20 mg   Tab Chloroquine   500 mg   Tab Zinc   1 daily   Tab Piriton   4 mg   Tab Zinc   1 daily   Tab Piriton   20 mg   Tab Chloroquine   4 mg   Tab Zinc   1 daily   Tab Piriton   20 mg   Tab Chloroquine   4 mg   Tab Zinc   1 daily   Tab Piriton   20 mg   Tab Chloroquine   4 mg   Tab Zinc   1 daily   Tab Zinc   20 mg   Tab Zinc   20 mg   20/06/2020   9 a.m.   Tab Zinc   20 mg   20/06/2020   9 a.m.   Tab Zinc			Tab Vit C	500 mg
Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg   Tab Piriton   4 mg   500 mg   Tab Chloroquine   500 mg   7 tab Vit C   500 mg   7 tab Dimension   500 mg   7 tab Zinc   20 mg   7 tab Zinc   20 mg   7 tab Zinc   500 mg   7 tab Zinc   20 mg   7 tab Zinc   1 daily   1 tab Zinc   1 daily   1 tab Zinc   1 daily   1 tab Zinc   20 mg   1 tab Zinc   20 mg   1 tab Zinc   1 daily   1 tab Zinc   2 tab Zinc		10 a m	Tab Immunocare	1 daily
Tab Chloroquine   500 mg		10 a.m.	Tab Zinc	20 mg
Tab Augumentin			Tab Piriton	4 mg
Tab Augumentin	16/06/2020		Tab Chloroquine	500 mg
8 p.m.   Tab Montelukast   10 mg   Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg   Tab Augumentin   625 mg   Tab Zinc   20 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Diriton   4 mg   7 mg	10/00/2020		Tab Augumentin	625 mg
Tab Zinc		8 p.m.	Tab Vit C	500 mg
Tab Piriton			Tab Montelukast	10 mg
Tab Chloroquine   500 mg			Tab Zinc	20 mg
Tab Augumentin			Tab Piriton	4 mg
Tab Augumentin   G25 mg   Tab Vit C   500 mg   Tab Immunocare   1 daily			Tab Chloroquine	500 mg
Tab Vit C   Tab Immunocare   1 daily			Tab Augumentin	
17/06/2020   Tab Zinc   Tab Piriton   4 mg   Tab Chloroquine   500 mg   Tab Azithromycin   500 mg   Tab Azithromycin   500 mg   Tab Augumentin   625 mg   Tab Montelukast   10 mg   Tab Chloroquine   500 mg   Tab Piriton   4 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Zinc   1 daily   Tab Chloroquine   500 mg   Tab Chloroquine   4 mg   Tab Chloroquine   4 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Chloroquine   500 mg   Ta				500 mg
17/06/2020   Tab Zinc   Tab Piriton   4 mg   Tab Chloroquine   500 mg   Tab Azithromycin   500 mg   Tab Azithromycin   500 mg   Tab Augumentin   625 mg   Tab Montelukast   10 mg   Tab Chloroquine   500 mg   Tab Piriton   4 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Zinc   1 daily   Tab Chloroquine   500 mg   Tab Chloroquine   4 mg   Tab Chloroquine   4 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Chloroquine   500 mg   Ta			Tab Immunocare	
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Tab Azithromycin   500 mg			Tab Piriton	4 mg
17/06/2020			Tab Chloroquine	500 mg
Tab Augumentin   625 mg   Tab Vit C   500 mg	17/06/2020		_	500 mg
8 p.m.   Tab Montelukast   10 mg   20 mg   Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Zinc   1 daily   1 daily			Tab Augumentin	
Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Piriton   20 mg   Tab Piriton   20 mg   Tab Chloroquine   4 mg   Tab Montelukast   10 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Vit C   500 mg   Tab Immunocare   1 daily   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   500 mg   Tab Augumentin   500 mg   Tab Augumentin   625 mg   500 m			Tab Vit C	500 mg
Tab Zinc   20 mg   Tab Piriton   4 mg   500 mg		8 p.m.	Tab Montelukast	10 mg
Tab Chloroquine   500 mg     Tab Augumentin   625 mg     Tab Vit C   500 mg     Tab Zinc   1 daily     Tab Piriton   20 mg     Tab Chloroquine   4 mg     Tab Montelukast   10 mg     Tab Chloroquine   500 mg     Tab Chloroquine   500 mg     Tab Chloroquine   500 mg     Tab Augumentin   625 mg     Tab Chloroquine   500 mg     Tab Augumentin   625 mg     Tab Augumentin   625 mg     Tab Augumentin   625 mg     Tab Jimmunocare   1 daily     Tab Chloroquine   500 mg     Tab Chloroquine   500 mg     Tab Chloroquine   500 mg     Tab Chloroquine   500 mg     Tab Augumentin   500 mg			Tab Zinc	20 mg
18/06/2020       9 a.m.       Tab Augumentin Tab Vit C Tab Vit C Tab Zinc Tab Zinc Tab Piriton Tab Piriton Tab Chloroquine Tab Chloroquine Tab Montelukast Tab Montelukast Tab Montelukast Tab Augumentin Tab Chloroquine Tab Chloroquine Tab Chloroquine Tab Montelukast Tab Chloroquine Tab Montelukast Tab Chloroquine Tab Chloroquine Tab Chloroquine Tab Chloroquine Tab Vit C Tab Immunocare Tab Immunocare Tab Immunocare Tab Chloroquine Tab Augumentin Tab Chloroquine Tab Chloroquine Tab Chloroquine Tab Augumentin Tab Chloroquine Tab			Tab Piriton	4 mg
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18/06/2020       9 a.m.       Tab Piriton       20 mg         18/06/2020       Tab Chloroquine       4 mg         10 mg       Tab Montelukast       10 mg         7:25 p.m.       Tab Augumentin       500 mg         10 p.m.       Tab Montelukast       10 mg         Tab Chloroquine       500 mg         Tab Augumentin       625 mg         Tab Vit C       500 mg         Tab Immunocare       1 daily         Tab Chloroquine       500 mg         Tab Augumentin       625 mg         Tab Augumentin       500 mg         Tab Augumentin       500 mg         Tab Vit C       500 mg         Tab Vit C       500 mg		9 a.m.	Tab Vit C	500 mg
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Tab Montelukast         10 mg           7:25 p.m.         Tab Augumentin         625 mg           Tab Chloroquine         500 mg           10 p.m.         Tab Montelukast         10 mg           Tab Chloroquine         500 mg           Tab Chloroquine         625 mg           Tab Vit C         500 mg           Tab Immunocare         1 daily           Tab Chloroquine         500 mg           Tab Augumentin         625 mg           20/06/2020         9 a.m.         Tab Vit C         500 mg			Tab Piriton	20 mg
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Tab Chloroquine   500 mg   10 p.m.   Tab Montelukast   10 mg   500 mg   19/06/2020   9 a.m.   Tab Augumentin   625 mg   Tab Immunocare   1 daily   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   Tab Immunocare   1 daily   Tab Chloroquine   500 mg   Tab Augumentin   625 mg   500 mg   Tab Augumentin   625 mg   500 mg   Tab Vit C   500 mg	18/06/2020		Tab Montelukast	10 mg
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10 p.m. Tab Chloroquine 500 mg  Tab Augumentin 625 mg  Tab Vit C 500 mg  Tab Immunocare 1 daily  Tab Chloroquine 500 mg  Tab Chloroquine 500 mg  Tab Augumentin 625 mg  Tab Augumentin 625 mg  Tab Augumentin 500 mg			Tab Chloroquine	500 mg
10 p.m. Tab Chloroquine 500 mg  Tab Augumentin 625 mg  Tab Vit C 500 mg  Tab Immunocare 1 daily  Tab Chloroquine 500 mg  Tab Chloroquine 500 mg  Tab Augumentin 625 mg  Tab Augumentin 625 mg  Tab Augumentin 500 mg		10 p.m.	Tab Montelukast	10 mg
19/06/2020       9 a.m.       Tab Vit C Tab Immunocare Tab Immunocare Tab Chloroquine       500 mg         Tab Chloroquine       500 mg         Tab Augumentin       625 mg         20/06/2020       9 a.m.       Tab Vit C       500 mg			Tab Chloroquine	_
19/06/2020       9 a.m.       Tab Vit C Tab Immunocare Tab Immunocare Tab Chloroquine       500 mg         Tab Chloroquine       500 mg         Tab Augumentin       625 mg         20/06/2020       9 a.m.       Tab Vit C       500 mg	19/06/2020	9 a.m.	Tab Augumentin	625 mg
Tab Immunocare         I daily           Tab Chloroquine         500 mg           Tab Augumentin         625 mg           20/06/2020         9 a.m.         Tab Vit C         500 mg			Tab Vit C	500 mg
Tab Augumentin 625 mg 20/06/2020 9 a.m. Tab Vit C 500 mg			Tab Immunocare	1 daily
Tab Augumentin 625 mg 20/06/2020 9 a.m. Tab Vit C 500 mg			Tab Chloroquine	500 mg
20/06/2020 9 a.m. Tab Vit C 500 mg	20/06/2020	9 a.m.	Tab Augumentin	
				<u> </u>
			Tab Chloroquine	

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### 5. Conclusion

A total of 23 Chloroquine doses were administered within a 12-day period. A repeat of RT-PCR returned POSITIVE. However, in accordance with the Nigeria Center for Disease Control (NCDC) protocol, the patient remained asymptomatic for more than 3 days and received treatment for more than 10 days and was therefore discharged with certain prescribed medications on 20/06/2020 and advised to come in for daily temperature check and weekly clinical visits.

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