

## **Influenza in Hong Kong**

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Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
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# Influenza in Hong Kong.

In the <sup>middle of the</sup> month of January 1850 ~~was the~~ influenza made

its appearance in Hong Kong. <sup>a few weeks before</sup> It had <sup>prevalled at</sup> ~~prevalled at~~ Singapore <sup>(the disease had)</sup> ~~prevalled at~~ <sup>arriving in Hong Kong from the</sup> ~~arriving in Hong Kong from the~~

*Passenger*

steamers ~~which~~ <sup>arriving in Hong Kong from the</sup> English <sup>French</sup> ~~French~~ <sup>who after they had</sup> ~~who after they had~~ taken at the ~~last~~ <sup>influenza was actually on the way out in</sup> ~~influenza was actually on the way out in~~ <sup>were suffering from it when they landed</sup> ~~were suffering from it when they landed~~

within a fortnight many cases had developed. In the next <sup>three</sup> ~~two~~ months <sup>April</sup> February March something of the nature of the <sup>an epidemic prevailed.</sup> ~~an epidemic prevailed.~~ prevailing <sup>characteristics of the disease</sup> ~~characteristics of the disease~~

F. The <sup>most common</sup> ~~most common~~ <sup>were</sup> ~~were~~

that <sup>in</sup> ~~in~~ <sup>whom</sup> ~~whom~~ <sup>present</sup> ~~present~~ weakness, <sup>headache,</sup> ~~headache,~~ <sup>stiffness</sup> ~~stiffness~~ <sup>in the limbs</sup> ~~in the limbs~~ <sup>accompanied</sup> ~~accompanied~~ <sup>by</sup> ~~by~~ <sup>inertness</sup> ~~inertness~~ <sup>of the</sup> ~~of the~~ <sup>lungs</sup> ~~lungs <sup>and</sup> ~~and <sup>bronchial</sup> ~~bronchial~~ <sup>and</sup> ~~and~~ <sup>stomach</sup> ~~stomach~~ <sup>and</sup> ~~and~~ <sup>bowels</sup> ~~bowels~~~~~~

*these symptoms*

temperature <sup>at</sup> ~~at~~ <sup>101°</sup> ~~101°~~ In a <sup>feverish</sup> ~~feverish~~ country <sup>and</sup> ~~and <sup>at</sup> ~~at~~ <sup>most of the</sup> ~~most of the~~ <sup>times</sup> ~~times~~ <sup>it</sup> ~~it~~ <sup>met</sup> ~~met <sup>with</sup> ~~with~~~~~~



the case of the common occurrence 2  
of ~~the~~ kind described, ~~but~~  
they are associated with  
a higher temperature. Some  
after time ~~also~~ did I repeat  
the ~~taking~~ temperature taking,  
believing ~~there~~ a mistake  
had occurred; but ~~the~~ the  
same result being ~~obtained~~  
~~at~~ time ~~after~~ ~~time~~ occurring  
again & again impressed the  
fact that a low temperature  
was associated with symptoms  
which ~~usually~~ <sup>with ordinary fever of malarial type</sup> ~~usually~~  
a temperature of 104° or 105°.  
The epidemic <sup>extended to</sup> ~~extended to~~ ~~several~~  
ships <sup>in</sup> the harbor ~~and~~  
~~was~~ ~~found~~ on the ~~main~~ flag-  
ship of the Asiatic Squadron  
157 ~~ships~~ were attacked within  
a few days. ~~All~~ On board  
one of the <sup>divisions</sup> Revenue Cruisers 2/3 of the  
crew were unfit for duty  
at one time. <sup>crew of the</sup> The latter vessel was ~~and~~ attacked  
~~until~~ until the month of May.

19. Pains in the limbs, in general by  
~~a number of cases~~, followed the 3<sup>d</sup>  
~~was~~ accompanied by an increase  
of temperature of only a degree or two  
when formed the nature of the  
attack. <sup>(is quite a number of cases)</sup> The pains were of the  
kind ~~thematic~~ kind; ~~the~~ accessions  
of pain recurred once during the  
2<sup>d</sup> The hours & chiefly at night,  
the patient being <sup>undisturbed</sup> ~~at rest~~, after  
an hour or two's sleep, by ~~the~~  
~~the~~ <sup>aching</sup> sometimes excruciating  
pains in the thighs & knees.  
These conditions ~~obtain~~ obtained  
from 10-14 days usually.



The crew of yet  
~~was~~ another Revenue Cruiser  
 lying at the mouth of the Centon  
 river. The middle of the steamer  
 was ~~for a time~~ severely attacked.  
 Varieties of the disease were  
 numerous & consisted chiefly  
 in exafferation of one or the  
 other ordinary symptoms.

1. Pain in the back & lower  
 limbs accompanied by an increase  
 of temperature of only a degree  
 or two ~~was~~ formed (to relieve  
 of the attack in a large majority  
 of cases. Such cases were in Europe  
 put down as degree fever,  
 but ~~the~~ the symptoms are  
 very different from that distant  
 from which we had our visitation  
 here in 1888. The pains were  
 more of <sup>a rheumatic</sup> nature ~~of~~.

3. Congestion of the base of the lungs,  
Pneumonia - ~~lobular~~ ~~lobular~~  
lobar tubular, & bronchial  
catarrh ~~was~~ constituted the  
most prevalent accompaniment  
of the disease.

Slight lung congestion accom-  
panied by a cough of usually  
a violent, <sup>+ sthenic</sup> nature & sound air  
although it were <sup>quite</sup> loose ~~with~~  
~~but~~ <sup>that</sup> ~~seldom~~ there was much  
phlegm to expectorate was the  
common type of all. The  
chief ~~point~~ ~~of~~ ~~note~~ peculiarity  
in the cough was the sounding  
looseness & the ineffectual  
attempts at any expectoration,  
until perhaps ~~after~~ a week  
in ~~the~~ <sup>the</sup> ~~case~~ <sup>the</sup> commencement  
of the illness, the patient now &  
again managed to get rid of a  
little phlegm.

If way  
not

\* and the part  
selected the  
base,

The lung in 90% of the cases was  
the Right <sup>\* and</sup> <sup>selection</sup> <sup>the seat of</sup> <sup>lung</sup> <sup>congestion</sup>  
harmony with



in the climate

For ordinary cases, a fact which  
argues some cause in thinking  
out. a fact it is nevertheless,  
that the base of the Right Lung  
is attacked by congestion is about

the percentage stated <sup>my belief is</sup> that  
<sup>it is owing to the</sup> proximity of the liver <sup>which is the topic</sup> - <sup>larger</sup> ~~is~~

~~is owing to the~~ <sup>movements</sup> tendency, which possesses  
the ability of the diaphragm,

<sup>in the</sup> <sup>essence</sup> <sup>of</sup> <sup>activity</sup> <sup>adjacent</sup> <sup>to</sup> <sup>the</sup> <sup>base</sup> <sup>of</sup> <sup>the</sup> <sup>lung</sup>  
to ~~cause~~ ~~obstruction~~ ~~of~~ ~~the~~ ~~blood~~  
would naturally be

retardation of the blood current?  
followed by exudation & congestion  
~~in the part of the lung.~~ Some

explanation there must be,  
or as far as my reflections have  
gone that in the way they are  
tending to account for the pre-  
valence of Right basal pulmonary  
congestion ~~in comparison with the left.~~

Further we seldom find left  
without ~~necessitate~~ Right  
basal congestion, but Right basal  
congestion ~~is~~ but the converse is the  
exception.



which went Eastward then  
~~for~~ from it; could the custom  
was & has been retained, &  
what seems, the natural  
position for man or woman  
has been ~~retained~~ in practice  
to this day.

How the position of the side  
saddle crone, seems more puzzling  
than to account for the recent  
talk of ~~even~~ & adoption of the  
original Chinese saddle method.  
Was it better? The work women  
of the countries in the Eastern  
half of Asia wear trousers for  
the most part & it would seem  
as though it was to be decided  
by the prevailing skirt or  
trousers



It is impossible to be sure of the exact quantity of <sup>Sulphate</sup> Atropine used, but a suitably prepared piece of cotton wool dipped in ~~the salt~~ <sup>the salt</sup> ~~was used~~ <sup>was used</sup> carefully in a chemical balance turned the scale at:

The skin was excoriated & had been ~~slightly~~ <sup>just</sup> bled up slightly before the application, & there is no doubt that the ~~violence~~ <sup>violence</sup> of the symptoms were caused by a solution of the ~~the~~ <sup>the</sup> ~~poor~~ <sup>poor</sup> salt, with the exuded blood, obtaining <sup>direct</sup> entrance to the circulation.

The case is a warning to ~~be~~ <sup>be</sup> ~~careful~~ <sup>careful</sup> in the use of Sulphate of Atropine in ~~the~~ <sup>the</sup> ~~same~~ <sup>same</sup> way.

The first case ~~seemed a simple~~  
~~case~~ did not suggest any  
association with influenza but  
subsequent cases showed all  
the symptoms of influenza  
with in addition <sup>fairly well marked</sup> ~~the~~ <sup>total</sup>  
jaundice.

In many cases of influenza  
the urine was ~~very~~ <sup>highly</sup> colored  
after urine deposits  
tube, but it was only after  
meeting with a case two  
of jaundice that I looked for  
bile pigment <sup>in the urine.</sup> systematically.  
In half the cases, bile was  
present in urine but in six  
only <sup>were</sup> ~~was~~ the conjunctiva &  
skin tinged.

The duration of the <sup>attack of</sup> jaundice  
lasted only from <sup>6-10</sup> ~~the~~ <sup>clearly</sup>  
fully, in fact, <sup>only</sup> ~~in~~ <sup>in</sup> ~~the~~ <sup>days</sup>  
as well, in cases of ordinary  
catarrhal jaundice.



of morphine at once relieved  
him & in 2 hours time he was  
quite well. Colicky pains in the  
abdomen ~~are~~ La Grippe and  
"orninals" ~~are~~ <sup>are</sup> accompanied  
by diarrhoea & fever ~~etc~~  
I witnessed in some ~~cases~~  
cases.

c). La Grippe' of an abdominal  
~~the~~ type, unaccompanied by  
diarrhoea & fever & <sup>lasting</sup> persisting  
a day or two yielded readily to  
hypodermics of morphine or  
purge.

6. The another condition has to be noted & - namely, the renal congestion: For the most of persons subject to urinary disorders dependent on a diathesis suffered during the Spring of this year either with or without a influenza symptoms.

In all <sup>cases</sup> "white frost" appeared & followed ~~independently~~ <sup>by renal colic</sup> followed <sup>alone or associated with</sup> by either blood, gravel or calculi. accompanied

Two cases of ~~Angina~~ well marked Bright's disease in children.

Following severe "colds" <sup>in Spring</sup> are at present under my care, I believe influenza to have been the antecedent.

Remarks. Since the influenza ~~epid~~ <sup>epidemic</sup> ~~along with the influenza~~ <sup>epidemic</sup> ~~epidemic~~ <sup>epidemic</sup> ~~children~~ <sup>children</sup> ~~to the extent of an epidemic.~~

Remarks At the time influenza prevailed children ~~to the extent of an epidemic.~~



15<sup>a</sup>-

Influenza





After the <sup>spread</sup> ~~epidemic~~ of influenza  
 subsided some what, measles <sup>(June)</sup>  
~~developed~~ appeared, & now  
 diphtheria to a small extent  
 & catarrh & ulceration of the  
 throat to a large extent ~~was~~ <sup>remain</sup>  
 with us.

During the height of the influenza  
 epidemic, pleuro-pneumonia  
 broke out ~~in the~~ <sup>amongst</sup> a  
 herd of cattle on this island,  
 but the prompt measures  
 adopted by the authorities  
 seemed to have ~~been~~ succeeded  
 in arresting the spread of the  
 disease.

The increase in the death  
 rate from pneumonia is the  
 only coincident to be noted in  
 the mortality returns during  
 the February, March & April.



It may be noted that Barometric pressure can have nothing to do with the spread of the disease as those persons living at the sea level and those on the Peak at a height varying from 1200 to 1600 feet suffered in a like manner in similar proportions. ~~Those who were equally affected.~~ No variations in barometric pressure at the sea level were accounted for the difference ~~dependent on~~ a natural & such variations in height.

~~The infection has always spread from East to West and the Russians  
have contended it is a Chinese disease and reaches them from China.~~

In Japan the epidemic appeared after it had ravaged  
the United States & whilst it was in abeyance in China;  
the most recent exacerbation in China occurred subsequent  
to the Japanese epidemic so much so that some people  
it was known of by some as "Japanese influenza". I believe  
the disease has been less fatal in China than elsewhere  
has ~~the~~ been



During the height of the influenza epidemic, pleuro-pneumonia broke out amongst a herd of cattle on this Island, but the prompt measures adopted by the authorities seemed to have succeeded in arresting the spread of the disease.

A curious fact was that influenza did not appear to get a hold on the troops stationed here, whereas on board the ships of H.M. Navy lying in harbour the disease was prevalent.

The weather ~~was~~ showed a slight variation from the normal & the conditions likely to affect disease were as follows.

As regards treatment, nothing specific is to be noted - The following compound was most in vogue?

Zinc Sulph.  $\text{gr} \overline{\text{v}}$

Antipyrin  $\text{gr} \overline{\text{x}}$

Morphic Sulph  $\text{gr} \overline{\frac{1}{4}}$ .

repeated twice during

the 24 hours & continued for a few days.



# Influenza

Name.

Age.

Address.

*that the Influenza Disease is seen in the*

Vol. and Page.

Dr. James Thomas Roe! (theory, discusses)

As in other parts of the world this disease has been prevalent so in China we have not escaped. From various <sup>travelling ports</sup> ~~ports~~ <sup>the disease by laymen</sup> reports have reached my ear. But from want of a ~~collective~~ journal of my kind whereby the medical practitioners may have community, it is impossible to know definitely except by direct letter. <sup>to read more of the disease</sup> ~~Even then it is difficult~~ <sup>and we are</sup> ~~to borrow at the truth elsewhere, a diversity of~~ <sup>we are no exception</sup> ~~opinion exists as to the name to be bestowed upon the disease, & in speaking some of the medical fraternity~~ <sup>we are well acquainted with</sup> ~~refrains to recognize the disease. There is only one sure proof that it is influenza, as such~~ <sup>of sporadic belief</sup> ~~is confirmed in every town & tower & hamlet~~ <sup>wherever the disease has</sup> ~~wherever the disease has~~ <sup>triumphed</sup> ~~throughout the~~ <sup>of Europe</sup> ~~during the last 2 1/2 years. We have had a repetition~~ <sup>medical</sup> ~~of names such as we see in the journals - "Dengue~~ <sup>fever: "Fever with rheumatic pain."</sup> <sup>"Fever with Epidemic Catarrh"</sup> <sup>& such like. These names are exactly coincident with the descriptions with the term Influenza & they</sup> <sup>all over the world</sup> ~~by their~~









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