nacilius described by Pfeiffer in 1892, has been followed by its frequent reception as the actual specific agent. There is, however, much ameertainty as to its etiologic role, it is to be hoped that the study of the present epidemic may lead to some certain knowledge regarding the essential cause of the disease. This should enable us to determine whether the endemic cases and those of limited mild epidemics are really identical with the ones observed in the great periodic outbreaks.

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COURSE OF THE DISEASE.

The cases in the present epidemic begin usually quite suddenly with pain in the head, back, eyes, limbs and Joints. With the pains there is great prostration, chilliness and a fever of from 101 to 104 F. The pulse does not become very ranid, and the patient often is drowsy, vonaiting may occur. Sometimes there may be diarrohea, but usually there is constipation. After the disease has become established the mucous membranes of the nese and throat become reddened, and there is sneezing and redness of the compinetiva, involvement of the larynx causing hourseness, and of the bronch, causing cough, are common. There is an associated leukopenia or a normal leukoeyte count. A leukocytosis points to some complication. The fever gradually falls to normal after a few days and more or less prostration is present during convolusioness. A translent albuminuria is frequent. Many of the cases have hemorrhages of the nucous membranes of the nose, some of the urethra or bowel. SECONDARY PNEUMONIA.

branes of the nose, some of the urethra or lowed.

SECONDARY PNEUMONIA.

Not infrequently a lobelar measureful develops after a few days, and this is responsible for most of the farefilies. The pneumonia differs from the usual picture of pneumonia, in that the temperature may be very slight, and the pulse rate may give hitle indication of the gravity of the condition. These cases, instead of subshifting may come down to practically normal temperature, not followed by a chill, backache, longache, lendache or nausea.

About this time there may also be expectoration containing bright ted blood. As a rule, twelve or twenty-four hours after the second rise in temperature, on discission in the lower lung, in a prepondictance of cases on the left side, small areas about the size of a silv fidellar of typical purumonic consolidation are found by aussulation. These crass may become marie have because the states may become marie have because the states may be come marie have been considered both lungs, ten or fifter in the laws to the second day of the central areas about the size of a silv fidellar of typical produce of the central areas about the size of a silv fidellar of typical produce of the central areas may have appeared. In the parient did well the would real trainers may have appeared. In the parient did well the would realway for a marient did well the consideration of the cases went on to a typical lobur, massive consolidation. The charms and a very native first marient, and all the signs, except that there was not a very native first three was not and

INCUBATION PERIOD.

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GENERAL INFORMATION EPIDEMIC INFLUENZA

SPANISH INFLUENZA, LA GRIPPE EPIDEMIO INFLUENZA.

Under various names, epidemics corresponding to epidemic influenza have occurred at irregular intervals since accurate descriptions have been made of disease. It is likely that at still earlier times this disease was combined and confused with other

combined and confused with other epidemic disorders, and so did not stand out as an entity until a relatively modern period.

The history of epidemics of influenza does not differ so much from that of other diseases spread by human intercourse that are usually called contagious. A widespread epidemic follows the introduction of a specially virulent virus, and there follows a general immunity among those of the population who have been infected. As the epidemic dies

view of the strikingly beneficial results from convalescent serum in scarlet fever secured by a number of observers, it seems reasonable to try this in influenzal pneumonia, especially as it is devoid of any harmful effects.

PROPHYLAXIS.

PROPHYLAXIS.

The measures to be taken to prevent the spread of the disease comprise all those which interfere with the transfer of the infectious materials from the sick to the unaffected. This includes isolation of the patient and the intelligent use of proper gauze masks by the attendant. In the time of an epidemic, prompt and efficient isolation of the first cases in a community could accompilsh much. If this has been neglected and the infection has spread among the population, measures which prevent the coming together of numbers of persons in close quarters are to be employed. The desirability of closing schools in a large city in the presence of an epidemic is a measure of doubtful value. In smaller places this is more reasonable, and the danger of infection when children are outdoors should be less than when they are brought together in a schoolroom.