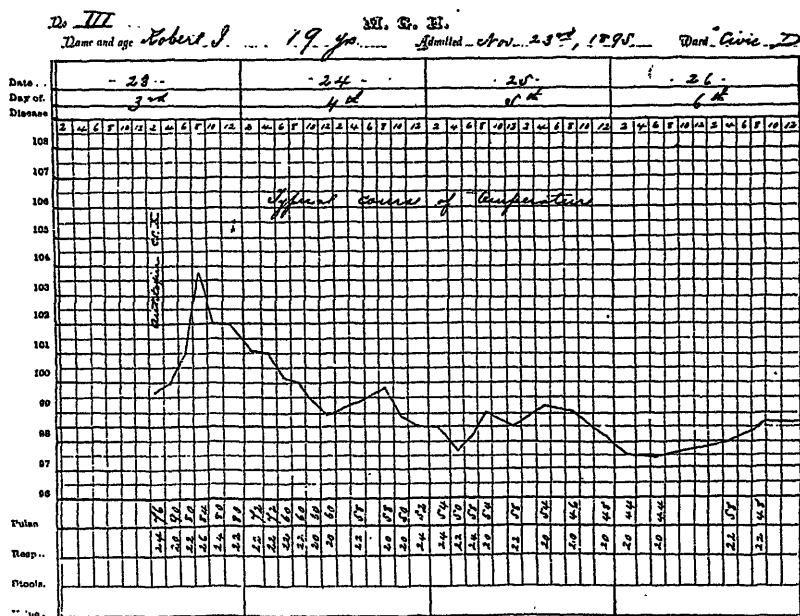


intubation was completed and artificial respiration showed comparatively free entrance and exit of air, but the stethoscope could distinguish no heart sounds.

On the other hand, some observers state that almost invariably the pulse is strengthened. This I have found only occasionally, and I am of the opinion that perhaps this stimulating action may be due to something besides the serum, viz., the preservative used. In some preparations camphor is thus employed, and it may be in quantity sufficient to disguise the effect of the serum itself.

On the general condition of the patient the effect is marvellous. If the first dose be sufficient to terminate the disease the constitutional



depression will rapidly disappear. For the twelve to eighteen hours immediately following the injection and during the reaction the depression may be somewhat more marked and the patient may experience severe headache, but refreshing sleep is usually enjoyed and the patient wakens quite himself, the throat alone reminding him of his illness. Not uncommonly I have discovered children playing with toys on the second day. This picture contrasts forcibly with the clinical aspect of a case treated without antitoxin, where the constitutional disturbance is marked for a week or more and where the attack leaves the patient in a more or less exhausted condition.