

This case ought, perhaps, to have been described with the local reactions, but as the local manifestation with general constitutional disturbance will be next described, it may not be out of place.

#### GENERAL CONSTITUTIONAL DISTURBANCES WITH LOCAL MANIFESTATIONS.

In taking up the general constitutional disturbances, we will consider only the few cases in which the local erythema, instead of disappearing in a few hours' time, as was the general rule, took on the character of true inflammation, if I may use the term. Two cases were of empyema. In this one the wound had closed, and the temperature had been fairly normal with slight evening elevations. The hip in which the injection was made was swollen and tense, temperature being  $99.8^{\circ}$ . Carbolic baths were employed with good result. Improvement was noted the following day, and in three days all disturbance was at an end. In the second case of empyema, after the second injection the thigh became swollen and red, the redness and induration being most marked at the point of insertion. The temperature rose to  $103^{\circ}$ , remained elevated for two days and fell as swelling disappeared. I may remark that before the antitoxin had been used the temperature was running about 100 with morning remissions.

#### TWO CASES OF POTT'S DISEASE.

One case was acute with discharging sinus. Twenty-one days after the administration of serum the patient complained of pain at the site of injection and four days later four ounces of pus were removed on incision. This record must surely be imperfect, as it is impossible that such inflammatory reaction should occur at so late a date without previous symptoms.

The second was a like case, with discharging sinus above the groin. There had been evening elevations of temperature, but no exacerbation before antitoxin was used. It was after the fifth day that brawny induration occurred at the point of injection. The temperature was elevated to  $101.6^{\circ}$ , it dropped the following day, but again rose to  $102^{\circ}$ . After three days all signs of disturbance had disappeared.

#### TWO CASES OF MORBUS COXÆ.

In the first case after seventh injection the leg had become progressively swollen and tender. On the fourth day temperature rose to  $104.6^{\circ}$  and was of a septic character in the meantime. Resolution occurred; no other cause was likely as sinuses were discharging freely.