

## REPORT OF A CASE OF TETANUS.

From an injury to the fore-foot of my horse, caused by a nail penetrating the sensitive laminae, inflammation set up, terminating in the formation of pus, which burrowed its way up, and formed an opening on the coronet, where the pus escaped. A few days after I noticed that pus was escaping; she was seized with tetanus on the 7th of November. The following day she was much worse, and on the morning of the 9th her muscles were so contracted that it was difficult for her to move. I then called in a veterinary surgeon, who at once pronounced it a case of traumatic tetanus of a severe type. Symptoms: Closure of the jaws, difficulty in swallowing, rigidity of the limbs, nose poked out, eyes contracted, the haw extending down over them; labored breathing, respiration rapid, sometimes as often as fifty times to the minute; contraction of all the voluntary muscles, which became more persistent as the disease advanced, the spasms becoming continuous without any relaxation. These symptoms continued to increase up to the 13th, six days after the first symptoms were noticed. At this time it was impossible for her to move; her legs were stretched out wide apart; she looked more like that she was standing on wooden stilts than on living structures. In this condition she remained for five or six days without any noticeable change; then the muscles began to relax, and from this time she made a rapid recovery.

Treatment: First noticed symptoms of tetanus on the 7th, but no medicine was given until the evening of the 9th, after the veterinary surgeon had seen her; gave her then two drachms of bromide potassium and two drachms tincture of belladonna. Next morning gave her three drachms of bromide potassium and three drachms of tincture belladonna; at noon increased the dose to four drachms of each. Still the symptoms seemed to be increasing. In the evening decided to give her an internal antiseptic, as well, and chose carbolic acid, it being one of our best external germicides. So on the evening of the 10th, three days after the malady had shown itself, gave her by hypodermic injection 20 grains of carbolic acid, diluted to about six per cent. solution, and in six hours repeated the dose. The next morning gave her by the stomach half drachm carbolic acid, four drachms bromide potassium and one drachm Fl. ext. belladonna. Continued this dose every six hours until she had taken eight doses, or, in other words, for two days. Then increased the carbolic acid to 40 grains at a dose, continuing the bromide and belladonna so that she was now taking  $2\frac{2}{3}$  drachms of carbolic acid, two ounces bromide potassium and four drachms of F. ext. belladonna every twenty-four hours. Continued this treatment for twelve days longer, and by