

note that he has a large corn on one foot which often causes him severe pain. He complains of much numbness in his fingers.

The question of the relationship of joint affections occurring during the course of locomotor ataxia with the especial lesion of the spine has been very freely discussed during the last few months; giving rise to papers at the clinical and pathological societies of London. Charcot, whose name has been associated with this disease, in his earlier observations attributed it to the anterior cornua of the spinal cord becoming involved in the diseased process. But further post mortems showed that the disease could be present without disease of the anterior cornua being demonstrated. Dr. Buzzard is strongly inclined to the opinion that the pathological centre is to be found in the medulla oblongata and brings forward as evidence the frequent presence of laryngeal, gastric and intestinal affection (more than 50 per cent.) associated with bone joint troubles. Sclerosis attacking the vagus centre is in short his pathology. Thus far there has been no discovery of a joint centre in the nervous system, and it would seem that, with the close pathological study that has been given to "centres," if such a centre existed, the question would have been set at rest before this. Charcot depends chiefly on the clinical features and pathological changes in his assumption of this being a distinct specific arthropathy. Another view of the pathology of these cases is that they are an ordinary arthritis modified by the conditions of the patient. In support of this view are the very similar joint changes noticed after injuries to nerves. Weir Mitchell, Sir Wm. Gull, Ziemssen and Charcot have all noticed cases of arthritis due to nerve lesions, and it is a question whether rheumatism has its origin in the nervous system. These lesions are usually ascribed to the inhibition of the trophic influence of certain nerves. The third view of the pathology of these joint cases is that they are ordinary rheumatic or other forms of arthritis occurring in ataxic patients independently of their nervous disease. My experience of these cases being limited to the one under discussion, I must leave the question of pathology to others who have had more experience. But I must observe that the course of this case