The consideration of the parts paralysed enables us to fix pretty accurately upon the seat of lesion. Thus, neither the upper extremities nor any of the muscles engaged in respiration are involved ; the lesion. therefore, must be below the last dorsal vertebra. The first lumbar gives off the ilio-hypogastric and ilio-inguinal nerves; the second, the genito-crural and external cutaneous; the third, the anterior crural, dividing into the middle cutaneous, the internal the difficulty in verifying it by post-mortem cutaneous, and the long saphenous : the fourth, observation. Though doubtless congestion is the obturator, supplying the adductor muscles. difficult of proof, it is equally impossible to dis-Now, not only was there in this case no para- prove : and the transient nature of the parlysis of the cutaneous nerves, but, even whilst alysis supposed to follow it, and its recovery unable to use the leg in any other way, the under remedies known to influence the calibre patient retained the power of bringing it of the vessels, such as ergot, belladonna, strychtowards the middle line, showing that the ob- nia, etc., are reasons for accepting the real turator was unaffected. Part, however, of the existence of this lesion. fourth hunbar, with the fifth lumbar and the first four sacral nerves, unite to form the great of paralysis, prevent any thoughts of tetanus. sciatic, the small sciatic and the pudic nerves. There is no tenderness down the spine; and supplying not only most of the muscles of the this symptom is never absent in the so-called leg and toot, but also the accelerator urine; spinal irritation. Here again the paralysis is a whilst a branch of the fourth sacral supplies the diagnostic mark. The paralysis would be at sphincter ani. This muscle is also supplied from bonce too sudden and too presistent to depend on the inferior hæmorrhoidal branch of the pudic | pure shock, nerve. The sphincter vesicæ is supplied mamly symptoms would scarcely be unilateral; and from the sacral plexus, derived chiefly from the did they occur with such intensity from shock; four upper sacral nerves. Both the sphincter whether they may mean spinal congestion, vesicae, and the external and internal sphincter spinal anamia, or some peculiar cell-change of ani, the latter especially, derive some of their a temporary nature, they could not well presist nervous supply from the hypogastric plexus of the for several weeks, unless the shock had detersympathetic; and this plexus, again, is mingled ; mined myelitis, meningo-myelitis or hemorrhage. with nerves from the fourth and fifth lumbar ganglia and the four upper sacral ganglia, with fore us in that its progress is extremely nerve connections with the fourth and fifth gradual; it is accompanied with no true parlumbar and the four upper sacral nerves. The seat of lesion is therefore tolerably plain. It the sphincters until a very long time has is unilateral, confined to the left side, and situated not above the origin of the fourth lumbar . nerve. Î

Such, then, being the mode of access, and such the position of the lesion, what is its nature ! It cannot be spinal meningitis, for this lesion is not accompanied by paralysis; nor does the patient lie in any peculiar position, showing an instinctive dislike to being moved from fear of pain in the back and limbs that such movements would cause. It cannot be myelitis, though myelitis sometimes follows that the lesion is spinal, and not cerebral.

hæmorrhage, because the access was so sudden, the paralysis so one-sided; and there is no priapism. It cannot be congestion of cord, for, again, the mode of access is too sudden, and congestion only leads to very partial paralysis, and that of a paraplegic form.

I would say in all fairness that Professor Leyden throws doubt on the existence of spinal congestion as a lesion causing symptoms, from

The absence of tonic spasm, and the presence Under such circumstances the

Locomotor ataxy differs from the lesion bealytic symptoms affecting either the limbs or elapsed. if ever ; and it is manifested by a want of co-ordination that is absent in our patient. The ocular phenomena, also, so frequently met with in locomotor ataxy, are wanting in the case before us.

The suddenness of the access of paralytic symptoms, with the marked improvement of the patient under treatment, entirely forbids, the idea of tumour of the spinal cord. And lastly, the absence of reaction in the paralysed? muscles to galvanic stimulus is sufficient proof