

right nipple. This pain was increased by any exertion, or by stooping, while in addition to this his bowels were constipated and digestion impaired.

On the 3rd of January, while at some distance from his house; he was seized with a sharp pain, which began in his right shoulder and then ran down the arm; and almost immediately the whole limb became cold and white. He at once started for home, and while walking had occasional attacks of giddiness, stumbled and had a "swimming blackness" all around him. Friction and warmth were used in endeavoring to re-animate the limb, and at midnight when he was sitting up, his friend still rubbing his arm, he felt a cold chill run up his left side, then came numbness and pricking, followed by complete loss of sensation and motion in the left side.

He did not lose consciousness, and the left side of his face was merely deprived of sensation, the motor power not being affected. He had some difficulty in his speech, being thick-tongued for forty-eight hours, while his memory was impaired for about the same length of time. In the week following he had retention of urine, which necessitated the introduction of a catheter twice or three times.

In the *right arm* both power and sensation were absent for a fortnight, while the limb kept blue and clammy, but at the end of this period, with the disappearance of the pain in his shoulder, the functions of the part were somewhat restored.

After the hemiplegia of the *left side* had lasted six weeks, galvanism having been applied daily, both motion and sensibility re-appeared, coming simultaneously in both extremities.

In the meantime the right arm had gained considerable strength, and continued improving, until the end of February, when the old excruciating pain again made its appearance in the right shoulder, and he now for the first time noticed a swelling about the size of a walnut projecting into the right axilla. This tumor was supposed by his medical