

the patient, but at this moment there was little if any bleeding going on either from the stump or the side. Without loss of time I returned the liver from between the edges of the wound well into the abdominal cavity, and closed it up as expeditiously as possible by means of fourteen stitches isinglass plaster, compress and bandage, which gave so much relief that he immediately exclaimed "Now I can breathe." It was found necessary to re-amputate the arm higher up to get integument to cover the end of the humerus. On attempting to put him to bed with the wounded side of course uppermost, so intense was the agony by disturbance of the injured parts that the only endurable position was found to be the semi-erect or sitting posture on the nates with the body at an inclined plane of about forty-five degrees. Considering the gravity of these injuries, the exhaustion and shock were not so great as might have been expected. He was ordered Tinct. Opii. gtt. xxx. immediately, and gtt. xv. every two hours if awake, wine and water "ad libitum;" at the night visit reaction was fairly established; natural heat was restored; there was no faintness, consequently no internal hæmorrhage could be going on, and he expressed himself as suffering but little pain.

July 5th.—Surprisingly well; an almost entire absence of fever; no pain except that induced by any effort to move or change position; had slept considerably; no cough or bloody expectoration; respirations about forty-two; pulse one hundred and twenty; cheerful voice and countenance; no jaundice; continued opiates and wine, and enjoined most perfect quietude, restricting the talking to necessary requests only, and that to be done in whispers. A daily record of the case is unnecessary; cold water dressing was applied constantly to the side and stump, bowels were opened occasionally, but not too often by means of enemata, and the frequent exhibition of opiates gradually discontinued as the respirations and pulse became lessened in frequency. Secondary hæmorrhage came on from the stump on the eighth day, which was arrested by immersion in ice, and the side was dressed with much difficulty from changing his position for the first time about this date; I was surprised to find how much union by first intention had taken place (a very unusual circumstance after saw-cuts); many of the stitches were removed; I dressed the side every third day thence after, and each time found a very marked improvement; so painful, however, was change of posture that it was fully four weeks before decubitus could be borne, which thus permitted of the daily cleansing and attention to the wound in the side, so that by the end of the seventh week he was enabled to walk about, as it was almost entirely healed. Several small pieces of bone came away in the dressings, evidently "saw-shavings" from the ribs; these latter have not united by