

charge in 24 hours. Patient is up and about the house.

Oct. 22. Urine much improved in appearance since change of dressing; pulse, 108; temp., 98°; was out of doors yesterday in the sun.

Oct. 26. Doing well; pulse, 112; temp., normal; appetite has been voracious for last few days; oakum dressing alone used.

Oct. 30. Has been playing out of doors for an hour or more a day since last report; parents wish to take him home; may do so.

Nov. 15. Brought into town to see me to-day; has gone about almost as if well since he has been away; appetite excellent; temp., normal; not much change in quantity or character of discharge since last report, about half an ounce in the twenty-four hours; never has had any cough since operation; heart beats in about its normal place; probe passes three-and-a-quarter inches in an upward direction; a smaller drainage tube inserted.

1880, Jan. 5. Again brought to see me. For several weeks the discharge has been very slight, and, according to directions, his mother has shortened tube several times till now it is not more than an inch long. Patient looks the picture of health; probe enters one and a-quarter inches; a very small drainage, one inch in length, put in; granulations touched with lunar caustic; tube to be removed altogether in a few days, if discharge continues slight.

May. Learned that boy soon got entirely well, and has continued so.

CASE II.

1882, Sept. 14. H. T., aged 2½ years, male; generally healthy; family history fairly good: Five months ago patient had a serious illness which was termed "congestion of lungs;" was very ill for seven or eight weeks, when he improved considerably. He did not, however, get quite well, but has remained for two or three months much the same, being emaciated, pale and weak, and not inclined to be down much on feet; he has had more or less cough from the first; of late it has been of a spasmodic character, and has lasted from a few minutes to an hour or more. There has been no apparent fever for the last few weeks, but he

sweats a good deal about head and neck at night.

About ten days ago he was sent by his attending physician (one of the leading practitioners in a neighbouring city) to Fredericton for a change of air.

I was first sent for to-day because of an unusually protracted and severe fit of coughing, which had lasted for two or three hours almost continuously; pulse is feeble and rapid.

On examination—Apex beat of heart found to *right* side of right nipple, although the heart sounds could be heard more or less distinctly over left side of chest; entire absence of respiratory sounds on front of left chest, but fairly audible posteriorly; on the right side there was an exaggeration of the normal respiratory murmur; no râles; vocal resonance heard more or less distinctly on left side, though rather faintly in axillary and pectoral regions; no ægophony; measurement about equal; left chest more prominent than right, and superficial veins over it enlarged; epigastric region unusually full and bulging.

Chloroform given, and needle of aspirator inserted just below, and an inch or more to outer side of, left nipple; sixteen ounces of thick greenish pus drawn off; a piece of adhesion plaster applied to puncture.

Sept. 15. No vomiting; rested well; not so much cough; pulse, 120; apex beat of heart to *inner* side of right nipple; left side of epigastric region less prominent; veins not so large; some respiratory sounds now heard over left front of chest.

Sept. 19. Has had very little cough since he was tapped, but physical signs of effusion are returning.

Sept. 28. Cough has been worse for a few days; pulse, 136; temperature cannot well be taken on account of nervous fear of patient; much the same as previous to operation as to physical signs.

As I had got out of gauze dressing, and did not care to use carbolyzed oil on so young a child, I again aspirated side as before, about the same quantity of pus being removed.

Sept. 29. Much brighter to-day; pulse, 120.

Oct. 2. Cough has not been so much relieved as after first operation; pulse, 120; some