

reaction. Dulness under right clavicle, becomes marked and persists till next morning.

*Dec. 2nd*, 9 a.m.—0.001 c. c. injected. 3 p.m.—Reaction. 6 p.m.—Temp. 39.8°, accompanied by slight dyspnoea and vomiting.

*3rd*.—Feels perfectly well. p.m.—Over infiltrated right anterior portion—so-called Gerhart's sign.

*4th*.—0.015 c. c. injected. Lung changes, show more recession. 9 p.m.—Resp. 60. Patient weakening.

*Weight, Nov. 20th*.—81 lbs.; 24th, 77 lbs. = 4 lbs. lost in four days.

*Dec. 3rd*.—After five injections, 75 lbs. = 2 lbs. lost in nine days.

*Dec. 5th*.—Patient shows very high fever in evening; without injection, temp. 39.2°. Sleeps well, sweats in morning; complains of loss of appetite. Bacillus tuberculosi plentiful, but show changes in form, compared to bacilli before injection.

*Dec. 6th*.—0.015 c. c. injected. 6 p.m.—Temp. 39.5°. 9 p.m.—Intense dyspnoea; resp. 72. Great pain in chest; retching and vomiting.

*7th*.—Hardly any fever; temp. 38.2°.

*8th*.—0.015 injected. 6 p.m.—Temp. 39.4°; resp. 54. Can find no cause for dyspnoea. Complains of more pain in lungs.

*10th*.—0.015 injected. Temp. 38.6°. Hardly any dyspnoea. Pulse 140.

*11th*.—Out of bed again. In evening, without an injection, temp. 39.7°; sleeps little, extremely weak. At right base in axillary region, percussion note shorter than on left side; mucous râles.

*15th*.—No changes.

**REMARKS.**—In considering this case, it should be remembered that the sanitary arrangements of Charité Hospital belong to last century. There is practically no ventilation and the atmosphere of the wards is disgusting. The diet is not much better, and I append it:

*Breakfast*.—7 a.m.—Coffee, one small roll, one piece brown bread. 9 a.m.—Bacon (small piece), butter, one pint beer.

*Dinner*.—Hash (rice or beet with prunes), and in this a piece of boiled meat.

*Supper*.—Soup (farina or oatmeal), no meat, coffee.

## VESICO-VAGINAL FISTULA, PRODUCED BY A ZWANK'S PESSARY; OPERATION AND CURE.

BY DIXON C. ALLAN, M.D., AMHERST, N.S.

During the summer of 1888 I was consulted by a prominent lady of this country supposed to be suffering from "disease of the kidneys." She was upwards of sixty years of age, the mother of six children, had been very robust and enjoyed the best of health until the commencement of her present trouble, now more than a year ago. She had, however, for some time previous to this been troubled with what she was told to be "falling of the womb," and for the relief of which she had been provided with a pessary—Zwank's. This she had worn for a number of months, and it gave a great deal of comfort, at no time producing the slightest pain or inconvenience. The present trouble commenced, to use her own words, "over one year ago, when in the act of walking across the room her water suddenly fell from her." From that day to the present time, summer and winter, day and night, her water had continued to flow from her constantly, keeping her clothing wet, producing, despite the utmost care, itching, irritation and scalding of the privates, buttocks and thighs, giving rise to a disagreeable odor, all of which combined, had made her inexpressibly wretched and disgusting to herself, her family and her friends. Moreover, she had suffered great depression of spirits, and a decided falling off in health and strength.

She had consulted medical men in reference to her condition, and for the last six months had been under the care of a local celebrity—a graduate of the University of Pennsylvania and an L.R.C.P., etc., Edinburgh—who among other things had given her a long course of "Warner's Safe Cure," for what he told her was diabetes!

An examination was proposed, but the patient "not having dreamed that such a measure would be necessary," and being a refined and modest lady, it was not until much explanation had been made that she finally submitted to the requirement.

Inspection discovered dermatitis effecting the thighs, nates and vulva, the labia being excoriated and swollen. The urethral outlet was shrivelled and firmly agglutinated, nothing having evidently