

On applying the stethoscope over the region of the heart, a loud and distinct bellows murmur was heard accompanying the second sound.

℞ Hydr. Submur. grs. xli.
 Pulv. Specac. Co. grs. xv.
 st. Pulv. vi.,—one every sixth hour.
 Spr. Nit. Dulc. git. xxv every four hours.

Flannel shirts and drawers were ordered, and perfect rest.

Nov. 19.—Heard he was better. Gums slightly affected; swelling and pain less; sleeps better; discontinue powders and have

℞ Pot. Iodidi ℥ i.
 Pot. Sub. Carb. ℥ i.
 Tinct. Opii. ℥ i.
 Vin. Sem. Colch. ℥ ii.
 Aquæ ℥ vi.—A table spoon-full twice a day.

Did not see him until Nov. 24, when I was called in the night. Had been very restless; pain intense; wandering in mind; countenance sunken; incipient gangrene of the right lower extremity extending half way to the knee; bellows sound, on applying the stethoscope, as before, pulse 120, and weak; tongue clean at its edges and tips, and moist. Ordered warm camphorated spirits and flannel to the extremities; decoction of Anchovic flax and wine every three hours; opium in doses of from one to two grains every six hours, or oftener, if pain is not relieved, and sleep secured. He continued to grow worse. Gangrene extended to the body; and death supervened on the 28th. No post mortem examination could be obtained.

ART. XVIII.—*On the White Globules in Disease.* By J. BOVELL, M.D., Toronto.

It has long been an object with Physiologists, Pathologists and Chemists, to determine the specific and peculiar differences of the various elementary tissues or structures of the body, both in health and disease; and perhaps no investigation has been more earnestly entered into than which has so important a relation to the well being of the body, viz., the nature of Inflammation and its results. The formation and precise character of that common result of inflammation—Pus—has therefore engaged a great deal of attention and elaborate research for some years, and has lately been investigated through the improvements of modern science with a keenness which seems to promise satisfactory results. Each observer appears to have added something new to the previous stock of information, so that no one can lay claim to the chief result which appears likely to be arrived at from their combined observations.