

puzzled me. He ran the gamut of all I know, but to no effect, the attacks came on regularly, and the man insisting that he was suffering from *drinking swamp water*. I tried the expectant plan of treatment, and Saturday night gave him a good purge of cal. and jalap. I was willing to fall in with his theory, and see the result of germicides; gave him acid carbolie pills and capsules of borax. These put off the attack, and the frothy contents of the stomach went downwards, per *vias naturales*; but next Sunday they came on again. I found I could not destroy the fungous growth whatever it was by this mode of treatment, though I modified it considerably. I believed the rugæ of the stomach protected sufficient of them to multiply. I then prescribed iodine water, borax largely diluted, and copious drinks to dilate the stomach to its fullest extent. This I kept up for four consecutive weeks with fair success, but what I found the best to clear the stomach was *lime water* and *calomel*; two better germicides don't exist. The so-called *black wash*, for chancres, 2 grs. cal. 4 oz lime water, and as much water as he could get down him. This, with tonics of quinine and iron took away his last symptoms of catarrh of the stomach, due as much to the effect of vomiting as to the irritation of the cryptogam. I now knew why these attacks came so periodically. It just took one week in his case for the ferment to get sufficiently large to provoke the other symptoms. Previous to the attack of vomiting his stomach would be uncomfortably swollen Friday and Saturday.

Now, gentlemen, do not many cases you have had resemble this one? In the history of them you will find swamp water has likely been drank a short time before the symptoms commenced, though some of these are of years standing. Are not some of those bilious attacks explainable in the light of this case. This man's vomit was examined, and a low form of vegetable growth was found; which I did not recognize then by any description I had seen. I have seen in a number of elderly men and women, all farmers, these symptoms, and have traced a number to what I think was the cause, and their treatment; as I have described, has always been satisfactory.

I had a case come to me two years ago from near Marquette, in Michigan, a woman, who had for three years complained of a functional derangement of her stomach associated with incessant vomiting, and great prostration. She had consulted from Chicago to New York, and without any relief. Capsules of ox. of mangan, iodoform, and boracic acid stopped her symptoms after three years of suffering, and there has been no return of them, though I recognized sarcinæ in her stomach, and expected they would return. These are said to be a sure indication of cancer, but I do not believe it is always present where they are found. They can exist in the stomach without any organic disease being present. See if some of those cases of periodical bilious attacks do not come under the category of *cryptogamous biliousness*.

*Causation of asthma.* You all know what a troublesome disease this is, and if the attacks are frequent, how they strain the pulmonary tissues so as to give rise to bronchitis of a chronic kind, which in turn is so susceptible to atmospheric changes that it will start irritation which starts the asthma, and thus they both perpetuate one another, like two men struggling in the water with one another, they both drown.

A young lady suffering from asthma in the city, and for whose case her medical attendant had done everything in his power, was advised to go abroad. She consulted men in New York and London, and finally in Europe somewhere put herself under a German physician celebrated in his locality. He started at the commencement of the respiratory tract, and did not hunt an inch before he located the cause of the asthma, viz., an ulceration of the nasal mucous membrane. He made applications to this place, and sent her on to a confrere in Berlin, who continued the treatment. I suppose chronic ulceration, and inflammatory thickening. *She never had an attack since.* He told his patient that a great majority of cases of asthma arose from the irritation of this unhealthy membrane, which extended down the respiratory tract, and ended in bronchitis and asthma, and that reflex nasal irritation was the usual cause. Now this was a new point