

As a gargle however, in those old enough to use it in that way, it is apparently as beneficial as sulphur in discussing the false membrane. With reference to irritable stomach, there are certain cases, occurring in delicate strumous children, where that organ gives out from the first. This is, of course, a very grave complication: many of them can bear neither stimulants, nor nourishment in its mildest form; while bismuth, and other sedatives seem to be of little avail. From want of aliment, they necessarily succumb rapidly under the toxæmic poisoning.

Since the above was written, I have had another case of diphtheritic croup which is perhaps worthy of record. The following are the notes.

CASE 4.—G. W., sister to the young boy whose case is already given, æt 3 years and 4 months.

Feb. 28th, 1878.—Had been seized suddenly; on arrival found her very hoarse, croupy, restless, and tonsils swollen, with dirty diphtheritic patches on both. Placed her at once on alum and antimony, with hot applications to throat and chest.

March 1st.—Patient a little easier, but still quite hoarse and feverish: had vomited freely during the night. Ordered diuretics, with chlorate of potash as a drink; very thirsty; to have iced milk and water; sulphur to be blown into the throat frequently; large fly-blister applied across the front of the chest.

March 2nd.—Still easier; to continue diuretics. Patches on tonsils apparently coming off, and throat looking paler within.

March 3rd.—Sent for early this morning; had been taken suddenly worse about midnight. Patient very croupy with stridulous breathing, tossing about and resting but a moment at a time in her mother's arms. On forcibly opening her mouth; found false membrane spreading over tonsils; skin very hot, and cheeks very bright. Replaced fly-blister over former seat of application; discontinued diuretics, as there were symptoms of increasing weakness. To have four ounces port wine twice daily, and strong chicken-broth every two hours. Prescribed one fifth gr. iodide of potassium, and $1\frac{1}{2}$ grs. of bromide of potassium every hour. Visited her in the evening; no better; applied in addition a fly-blister over the larynx 2 x 3. To continue broth and wine, and medicine every hour as before. Inspirations very wheezy and sibilant.

March 4th.—Child still very restless and croupy; had struggled violently all night long for breath,

but had taken the medicine, nourishment and stimulant regularly, though of course under great difficulties. 1 P. M. Condition apparently hopeless; increased wine to 8 oz. daily, in divided doses every hour; to continue iodide and bromide as often. Respirations 65; pulse very rapid, thready, and beats scarcely to be counted at all.

March 5th.—Called early to see child whose friends considered her dying; very restless; pallid and sweating over face and forehead; lips bluish, unable to speak or open the eyes.

11 A. M.—Called again; a very little easier, and pulse steadier. Had ejected a piece of false membrane in a desperate effort to catch her breath.

3 P. M.—Croupy cough slightly loose; blistered surface assuming membranous appearance; raised more fragments of false membrane after violent coughing.

Evening.—Breathing slightly easier, but respiration even more rapid, and diaphragm jerking violently with each inspiration. Placed under quinine in $\frac{1}{2}$ gr. doses every hour. To continue bromide and stimulants; latter increased to 12 oz. daily. 10 P. M.—Expectoration quite purulent, also shreddy at times. Voice very husky and speaks occasionally in the faintest whisper.

March 6th.—Child much easier, but had nearly choked to death during the night, probably from the sudden displacement of a small piece of membrane in larynx while coughing. A good deal of bronchial spasm after expectorating, for which was given along with the bromide (after stopping the iodide) 1 drop doses of tincture of belladonna every two hours. To continue wine, 12 ozs. daily.

March 7th.—A great change for the better; respirations 40; pulse 140, but steady. A good deal of muco-purulent expectoration. Voice still very husky, but whispers more audibly, and has smiled for the first time.

March 8th.—Still easier; discontinued belladonna and other medicine; wine 8 oz. daily. Placed under syrup of the hypophosphites, with minute doses of strychnia, also cherry bark and cod-liver oil emulsion, every four hours. Had been free from cough during the night but expectorated a good deal this morning. Wine 4 oz. daily. To continue medicine as before;

March 10th.—Patient still improving; sits up in her cot to-day, and although her voice is still husky, she is very smiling and cheerful.