

External remedies.	{	Cold to spine.	{	Ice.
				Ether spray.
				Cold douche.
		Russian or Turkish baths.		
		Salt baths		

Rest, diet, fresh air

Some of these may be combined with good effect. The plan of treatment, generally employ is the following; Should the child be "run down," as is generally the case, I begin with some preparation of iron, and administer at the same time cod liver oil, As regards special treatment, I find strychnine serviceable carried up to a point where, stiffness of the muscles is arrived at. Next to this I consider arsenic to stand. It must be in large doses. You will occasionally find that digestive troubles are produced very quickly by this drug, and then strychnia may be substituted. Cold to the spine cannot be over-estimated as a plan of treatment. You may either use the ether spray, which was first suggested by Subetski, of Warsaw, in 1866, or apply ice bags every day allowing them to stay on about ten minutes. Perrond, who has used the ether spray, makes application from four to eight minutes in duration every day. Of thirty-five cases I have treated in this way, (I mean with the ether spray) from fifteen to twenty applications produced permanent benefit, and here I would say that the spray should be directed to the upper part of the cord, over the upper cervical vertebrae. Eserine has been lately recommended and Bouchut has given the results of 438 cases, 205 who took it in pilular form, and 232 hypodermically. Eserine is the alkaloid of Calabar bean. The average dose was from two to five milligrammes. He obtained temporary benefit, which seemed to wear off; but when the drug was repeatedly administered he accomplished many cures. He reports twenty-three cures, by an average of seven injections. It is a dangerous remedy, however, and produces severe gastric symptoms.

The salts of zinc have occasionally proved valuable in cases of this disease, but I prefer the remedies I have mentioned. Conium is occasionally efficacious, but its effects are temporary. I must say, before going further, that I have found phosphorus, with cod-liver oil, to be a most valuable curative agent and in cases where everything else failed, it has succeeded. This seems reasonable, when we consider how much impaired must be the nutrition of the nervous matter. Now, gentlemen, you will find instances where nothing does good; Put them in a dark room, and keep them perfectly quiet. You will be often astonished at the result. Wier Mitchell has written of the value of this treatment, and I refer you to his lecture. There are little things that must be watched. The diet, above all things should be regulated with judgment. Plenty of fresh air and sleep come next, and absolute mental rest must be enforced. The school books and the school room are to be parted from, and agreeable diversions planned. An excellent auxiliary to your medication is the salt bath. A handful of rock salt in the water and energetic use of the rough towel, will infuse a

tone and vigor that will soon become apparent. In conclusion, I must tell you that decided medication is useless in these patients when their personal habits are not looked after; but if you will start them upon the right track, and afterwards give them the medicines I have named, you will have the satisfaction of generally curing your case, and covering yourself with glory, for the cure of chorea is considered by the friends of the patient to be a great triumph.

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### 2 PHOTO-GRAPHY IN HISTOLOGY, NORMAL AND PATHOLOGICAL.

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