

many more instances than the majority of persons are aware of. Perseverance and patience are, however, requisite; and I always honestly tell people so. I do not pretend to effect cures by "a hop, step, and a jump," but by simply co-operating with nature, and proceeding in accordance with her laws.

Yours very truly,

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TREATMENT OF DIABETES MELLITUS.

By PROFESSOR FLINT.

The treatment is emphatically dietetic. There have been a great many remedies proposed from time to time, recommended as having control over this disease. Now I am not prepared to say there are no remedies which do exercise more or less control over it, but we should commit a grave error, and act very much at the expense of the prospects of our patients, if we gave any remedy which rendered them less careful in attending to the dietetic treatment. In other words, the dietetic treatment is to hold the first place. This treatment consists in withholding from the food almost entirely (for entirely we cannot) sugar in any form, and all the starchy constituents of diet capable of being transformed into sugar. That is the principle. Well, if we merely state that to patients, and tell them they must not eat sugar, they must not eat starch, they will not be likely to carry it out. In the first place, it is not likely they will know enough of the subject to be able to carry it out, even if they were so disposed; and unless we go further, and are very careful as regard details, we shall find that the elimination of these constituents of the food will not be done; they will not tolerate it. If we are to succeed we should give appropriate attention to the preparation of the food, the number of the articles which the patient should be allowed to take, and the variation of the food from day to day, to make this anti-diabetic diet satisfactory to the patients; that is, satisfy their appetites and the purposes of nutrition. This can be done, and if it is done the patient carries out the treatment, because it is no hardship to carry it out; and the treatment is to be carried out not for a few days, or a few weeks, or a few months, but for an indefinite period—for years and perhaps during the whole of life.

How is this second object to be effected? We must place before the patient a list of all articles of food which are to be avoided, specifying them; not contenting ourselves with the statement in

general terms, but specifying on the one hand all the articles of food which he must not take and on the other hand all the articles of food, animal and vegetable, and so on, which he may be allowed to take. He should have such a list before him, and such articles should be selected from the allowable ones as to make a variety from day to day, and so prepared by the artifices of cookery as to render them satisfactory. It can be done, but it requires patience and it requires care on the part of the patient or somebody else, and it requires some means. A very poor man, who has no one to look after these matters for him, and who has not sufficient means to obtain all the articles of food which are desirable, will find it very difficult to conquer this disease; and in certain public institutions—this hospital, for instance—it is very difficult to carry out the proper dietetic treatment. It requires so many things and so much attention to details that the dietetic treatment is very unsatisfactory in public hospitals.

The article of food which will cause most trouble is bread, and diabetics realize the force of the statement that bread is the staff of life. Frequently they say at first that they care little for bread, and can get along without it with no trouble; but they do not find it so after a while. They find that there is a craving for bread, and they feel that they cannot do without it. So there have been various substitutes for it. There is what is called the diabetic flour, which is bran very finely ground, so as to divest it of all rough particles; but it has no nutritive quality whatever. It is really no better than saw dust, so far as nutritive value is concerned, and the patient adheres to it only a short time. For the past two years the patients that I have seen have been in the habit of using a bread which so far seems to be very satisfactory, but it is not entirely divested of starch. It is what is called gluten bread, prepared by the Health Food Company, corner of Tenth Street and Fourth Avenue, of this city. Analysis shows that it is not entirely divested of starch, but it is so prepared that it is not deprived of the agreeable qualities of ordinary bread. Last winter I brought a loaf of that bread before the class and distributed it. I like it to eat myself, finding it by no means disagreeable; and patients take this bread and it meets their wants, thus removing a great obstacle to the successful dietetic treatment of this disease.

I do not deem it necessary to go over the entire list of these dietetic articles. You will find them by reference to different works. But the thing to do is to go into minute details with the patients. Explain to them fully just what is to be done.

Well now, after they enter upon this course of treatment in a very considerable proportion of cases the sugar diminishes at once, and sometimes it speedily disappears. Of course we should examine the urine from time to time to determine its condition as regards the presence of sugar and the amount of sugar. This treatment does not cause a disappearance of the sugar in all cases. I have a patient