

Scientific and Useful.

HOW TO COOK BACON.—As few people know how bacon ought to be cooked, we give the recipe for doing it properly. Cut the bacon into thin slices, put it in the oven on a plate, and just before it is sent to table frizzle the slices before the fire. They require very little cooking after being in the oven.

HOUSEHOLD WEIGHTS AND MEASURES.—Wheat flour, one pound is a quart. Loaf sugar, broken, one pound is a quart. White sugar, powdered, one pound one ounce is one quart. Best brown sugar, one pound two ounces is one quart. Eggs, average size, ten are one pound. Liquid measures, sixteen teaspoonfuls are half a pint.

CODDLED APPLES.—Take pleasant-sour apples and put them in an earthen or tin dish and put in water enough to half cover them, and set them on the top of the stove, covering to keep in the steam. When the apples are done soft take them out, and let the water boil away until there are but a few spoonfuls, then pour over the apples. For meat they are an excellent accompaniment, and need no sweetening. But they make a most delicious dessert to sprinkle over them sugar while cooking, letting the syrup boil away as before.

CELERY SOUP.—Scrape and cut into small pieces two bunches of celery, using the best part only; add two quarts of good soup stock with an onion cut into slices and stew gently until the celery is tender; put through a colander, season with pepper and salt and return to the fire; boil up, add a coffee-cupful of boiling milk thickened with a little corn starch or flour, and turn at once into the tureen. A trifle of sugar is thought by many an improvement, while a few bits of fried bread put into the tureen before pouring in the soup are a nice addition.

ORANGES.—A vast number of oranges are eaten by the Spaniards, it being, in fact, no uncommon thing for the children of a family to consume ten or a dozen oranges each before breakfast, gathering them fresh for this purpose from the trees. Such wholesale consumption of what is commonly looked upon as a luxury appears to have no unhealthy effect upon the system. On the contrary, the testimony of a late eminent physician authorizes the use of fruit as most wholesome immediately upon waking in the morning; he indeed, prescribed such a regimen to a friend as the only invigorating and permanent cure for indigestion, facetiously remarking at the time that he gave her a piece of advice which, if it were known to his dyspeptic patients, would cost him his practice, as they might prefer so simple a remedy to his professional visits.

ACTION OF SUBSTANCES ON THE TEETH.—As the result of numerous trials made by the exposure of recently extracted teeth to the action of various substances, M. Maurel comes to the conclusion (in the *Journal de Therapeutique*) that if various medicinal substances are dangerous in their action on the teeth, others in still larger numbers prove, in their habitual employment, quite inoffensive. Thus, if we are required to take great precautions respecting citric acid, tannin, chlorides of zinc and antimony, perchloride of iron, iodine, sulphate of copper and alum, we may continue to employ with complete safety arsenious and carbolic acids, vinegar, corrosive sublimate, chlorate of potash, alcohol, tincture of benzoin, essence of mint, tincture of quinine, and eau de Cologne. Tobacco, whether used in chewing or smoking, does not injure the teeth beyond causing their discoloration.

GLYCERINE IN DIPHTHERIA.—According to the *Medizin Zeitung*, of Vienna, Professor Clar's success with the use of glycerine in diphtheria admits of no doubt. He first prescribes a gentle aperient, either in the form of a manna draught, or of a few grains of calomel, which last he holds to be a powerful antiphlogistic remedy, and when properly used of great value. Coincidentally he directs cold compresses or cloths to the neck and head, or even to the chest, carefully renovated according to the elevation or depression of the temperature, cold or iced water being at the same time given as a drink, and then commences at once the use of iron-glycerine, which consists of two ounces of anhydrous glycerine and twenty drops of the liquor sesquichloride of iron. Of this mixture, half a teaspoonful is given every half-hour throughout the day and night. As soon as the symptoms appear to be mitigated, the quantity is diminished to a teaspoonful every second hour, and in the intermediate period, a mixture composed of glycerine two ounces, borax two grains, is similarly given by a teaspoonful at a time. The iron-glycerine is progressively given at longer periods, and is gradually replaced by the borax-glycerine.

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