

He also states that a larger percentage of French conscripts are rejected from soft-water districts than from neighborhoods supplied with hard water, and that English towns supplied with water of more than ten degrees of hardness have a mortality of four per one thousand less than those whose inhabitants use soft water.

But whether hard or soft water be used, great benefits result from its filtration. Dr. Frankland has shown by numerous experiments that this process does not merely mechanically separate substances suspended therein, but effects oxidation of organic matter held in solution. In filtering ordinary London sewerage through common soil, or a mixture of sand and chalk, Dr. Frankland found that the resultant liquid was as free from organic substances as the water commonly used for domestic purposes, and in some instances even purer.

Another method of purifying dirty water for household and manufacturing purposes is recommended by Dr. Dunning, of Amsterdam. He advises the addition of half a grain of chloride of iron to each quart of the water. By this means the foreign constituents are deposited, and by a further addition of about one and a third grains of soda to a quart of water, the iron is precipitated. Experiments made on a large scale in Holland, upon impure river water, gave the most satisfactory results.

To Correspondents.

"A. C. H."—As a general rule it is quite safe to take chloroform. The exceptions are certain diseased conditions, especially of the heart. If you are in good health, you may take it without fear, from the hands of a competent physician. The shock to the nervous system from the pain caused by extracting a large number of teeth is of itself injurious, and should be avoided, whenever possible.

"J. D."—Your trouble is, as far as we can judge from the description, a stricture of the nasal duct—the tube through which the tears run from the eye to the nostril. Its cure is chiefly mechanical, for which you must apply to any surgeon in your neighborhood.

THE product of pale brandy is often a red nose.