

This operation should be performed in the open air, and the acid be kept lukewarm by placing the bowl in a vessel of hot water. It should not be stirred during the addition of the chlorate, which must be sprinkled in very carefully, and by small portions at a time, taking about an hour to add the whole of it; after which, half a teacupful of hot water is to be mixed with it, and the whole be allowed to rest for twelve hours, by which time the perchlorate of potash will be precipitated as a creamlike sediment, and the supernatant solution of the persulphate may be poured off. To this sediment, previously introduced into a retort or Florence flask, add an equal measure of sulphuric acid and half as much water, and, having attached a receiver, distil off the perchloric acid with a gentle heat. When the vapour of chlorine begins to rise, withdraw the lamp, add more hot water slowly and continue the distillation. This vapour shows the decomposition of the perchlorate from want of water. On emptying the receiver it will be found that what free chlorine may have passed over, lies on the top of the acid and does not contaminate it. Perchloric acid as thus prepared is a volatile liquid of a peculiar pungent odour and rather agreeable but extremely sour taste.

CHLORODYNE.

R̄ Acetate Morphia grs. xvj.
 Chloroform fl. 5 iss.
 Oil Peppermint m. vj.
 Tinct. Cannab. Ind. 3 ii.
 Perchloric Acid 3 ii., and add
 Tinct. Capsici 3 j.
 Scheele's Hydrocyanic Acid m. xxiv.
 Treacle 3 ii.

Strong Alcohol q. s. to make 4 fl.oz. in all.

Shake well until the morphine is dissolved.

The Perchloric Acid forms with the Morphine a jelly like mass which adheres firmly to the bottom of the vessel, not dissolving until the Tincture of Indian Hemp and alcohol have been added, when it speedily disappears.

The ordinary dose of this preparation is half a drachm, containing $\frac{1}{2}$ gr. Morphine, $11\frac{1}{4}$ M. Chloroform, $\frac{5}{8}$ M. Hydrocyan. Acid, and 2 drops each of Perchloric Acid and Tinct. Cannab. Ind., with a taste of Peppermint and Capsicum. It should be poured into a little cold water when the patient is about to take it, as the Chloroform and Indian Hemp settle as a little head at the bottom of the glass on standing a short time, and are thereby apt to escape being swallowed. When prescribed it is usually put up with syrup and directed to be well shaken.

Montreal, 1st December, 1862.

ART. LXI.—*Appendix to Ophthalmic Diseases, treated at Hamilton, C. W.*

By A. M. ROSEBRUGH, M.D., &c.

I furnish you, as requested in a private letter, the particulars of some of the more interesting cases which have fallen under my observation, in connection