

My notes upon the cases of poisoning are as follows :

ARSENIC.

No. 30.—C. S., male, aged 40. Heavy drinker. Stated to have taken a large quantity of Paris green, with suicidal intent. Removed to hospital two hours later, when emetics and demulcents were given, with the result of inducing vomiting of a large quantity of greenish fluid. Moderate diarrhoea. The patient rallied at first, but afterwards died, six days later, in hospital.

It was suspected that the patient had obtained a fresh supply of the poison, and an autopsy was ordered, which revealed a moderately severe reddening and swelling of the mucosa of the stomach and intestines. No ulceration. No traces of the poison were visible to the naked eye. Other organs normal. No analysis ordered.

Verdict.—*Death from suicide by taking Paris green.*

No. 29.—C. G. S., male, aged 55. Had been acting strangely for about a year, but was able to attend to his business. Found about four hours after taking a large quantity of Paris green. A series of doses of sulphate of zinc were given, amounting in all to 160 grains, with mustard and mucilage. This was followed by violent and long-continued vomiting. The patient died from exhaustion.

Autopsy.—Walls of stomach intensely reddened and swollen, being nearly $\frac{3}{4}$ -inch thick through, and cedema and hæmorrhage into the submucosa. Surface of mucosa dark brownish-red, and covered with a brownish, shreddy, sloughy coat. Particles of bright green pigment seen lying on surface. The seproved, on chemical examination by Mr. Wolff, to contain both arsenic and copper. Mucosa and submucosa of small bowel intensely reddened and swollen, especially in the duodenum, which shows numerous bright green grains. Scattered particles of this substance are also seen throughout the whole intestinal tract as far as the rectum,

In the brain, symmetrical cystic spots of softening, involving both internal capsules and reaching from opposite the head of optic thalami back as far as pineal glands.

Conclusions.—1. Death has been due to an irritant poison. Particles of Paris green are found in stomach and intestines. 2. The condition of the brain is such as would probably be attended by mental weakness.

Verdict.—*Suicide while insane.*

(In my limited experience of arsenical poisoning, comprising about a dozen autopsies, I have never met with such intense inflammation and hæmorrhage of the stomach, and am inclined to attribute it partly to the repeated doses of emetic given.)

Case 32.—M. G., female, aged 50. Died two hours after taking a dose of Rough on Rats. Known to have had the poison in her possession for several weeks, and supposed to have taken some during that period. Symptoms.—Vomiting, diarrhoea and ecclapse. Treated by emetics and stomach-pump, with dialysed iron.

Autopsy.—Stomach: Mucosa reddened, punctiform ecchymosis at pylorus, contains 6 oz. of rusty-looking fluid (iron.) This substance