precipitate will subside and will change to a white on refiltered before the application of the reagents. the addition of a little hydrochloric acid. It discovers the poison in 20,000 parts of water, but, according to Pereira, "the results are not sufficiently striking, and the the mixture into a retort and distilling 1-8th of it, by the inexperienced manipulator may fail in getting any evidence of hydrocyanic acid."

4. Tincture of Guaiacum and Sulphate of Copper .--When the tincture is added the hydrated resin of guaiacum falls down, and, by the subsequent use of the sulphate, a blue solution is produced. The propriety of be attainable, they are to be treated in the above manconsidering this a test is, I think, questionable, since the ner. An objection has been raised to the employment effect of adding tinct guaiacum to any aqueous menstruum is that just mentioned; and the result of adding Co. Tr. guaiacum, which contains ammonia, to copper, is a blue solution. Spt. nitric ether also strikes a blue experiment." It has also been contended that hydrocolor with tinct of guaiacum.

This reagent may be prepared by blood red color. adding a drop of sulphuret of ammonia to a very weak solution of prussic acid, and heating it until it becomes colorless. big has " done for prussic acid what Reinsch has recently done for arsenic." Mr. Taylor (Medical Gazette, April sists in preparing the sulpho-cyanid of ammonium by avoidance of heat, and the objections to which its employment gives rise, and its applicability to organic substances, even in a state of putrefaction." I may add, that the blood red color above mentioned is quickly re-, moved by a few drops of bichlorid of mercury.

Procedure for the Detection of Prussic Acid.-Exclusive of the ordinary observances and precautions that eyes, lips, face, muscles and general surface, to any odor indubitable. But it is from the integral and not from that can be detected from the mouth, nose, &c., and the the integrant portion of the analysis that this conclusion cavities immediately after they have been carefully disclosed. The gastric and other veins are to be incised to the latter are averted. and their contents minutely examined. The state of all must therefore be observed during its removal, before solution of the test. The concave surfaces of the two doing which, it should not be neglected to apply ligatures are to be brought, vis a vis, and left so for a short time, to its orifices, or, perhaps more correctly, to the lower when, if the acid be present, it will have come in conpart of the esophagus and duodenum as well as to the tact with the test and produced the specific change. bile and pancreatic ducts. On opening the stomach The volatility of the acid may be accelerated by the the odor is first to be obtained, if present ; and, for the application of the flame of a spirit lamp to the convex sake of certainty, it is advisable that our opinion con-surface of the glass containing it. cerning it be confirmed by the testimony of other witnesses; the contents are then to be preserved as well as mach is to be placed in water for some time, and then the products obtained by washing its cavity with water transferred to a bottle having a wide mouth, over which

If no indication be afforded from the liquid being complicated with organic matters, these are to be isolated by placing heat of a vapor bath into a receiver kept cold; when it is alkaline, from decomposition, it must first be neutralized by sulphuric acid. If there should be any vomited matters, which is very unlikely, or if any of the poison or liquid in which it was taken remain unswallowed, and of heat, owing to prussic acid being generated by the decomposition of animal matter. "This," says Dr. Guy, "is a mere conjecture, altogether unsupported by chloric acid might pass over and embarrass the results. 5. Sulpho-Cyanid of Ammonium when added to a But this can only occur when the liquid is highly acid. persalt of iron as the muriated tincture, causes a very deep and it is then avoided by neutralizing it by potassa and adding acetic acid before commencing the distillation. Assuming, then, that a clear liquid has been obtained. how should it be tested for prussic acid? The following It was proposed by Liebig in April 1847; is procedure would be, I conceive, most appropriate and very simple, characteristic, unobjectionable and delicate, conclusive. Having marked its odor, divide the liquid succeeding where the protoxid of iron fails; so that Lie-into two portions, from one of these obtain cyanid of silver. Expose a portion of it to heat and either inflame the escaping gas or convey it into an alkaline solution of 1847), offers a modification of the above, which con-the mixed oxides of iron; after the decomposition remove the surplus oxid of iron by sulphuric or hydrochloexposing hydro-sulphuret of ammonia to the vapors of ric acid, and prussian blue will be left. Treat the reprussic acid. The advantages of this latter, "are the maining cyanid of silver in the way recommended by Mr. Austin. Obtain sulpho-cyanid of ammonium from the other portion of the liquid, either by Liebig's or Taylor's method, and add to it a persalt of iron : lastly, remove the blood red color thus caused by bichlorid of If the liquid originally obtained be in large mercury. amount, and smell strongly of prussic acid, all the tests may be applied in the order given in a preceding page. should be enforced at every important sectio-cadaveris, If the results of these procedures be those previously particular attention must be directed to the state of the recorded, the evidence of prussic acid in the fluid, is must be deduced, as thereby any fallacies which append

Before proceeding with the above measures, trial tests the internal viscera, particularly that of the larynx, may be instituted by dipping strips of white paper in the fauces, asophagus and intestines is then to be ascertain-liquid, and afterwards moistening them with the reagents. ed, but the stomach is the organ to which we are chiefly or a little of it may be put into the bottom of one watch to look for evidences of the poison; very great care glass, while that of another is moistened with a strong

Besides these manipulations with the liquid, the stoand alcohol. The fluid portion of these is to be separat- there is placed a watch glass moistened with nitrate of red by filtration from any insoluble matters, and is finally silver on its concave surface, or that looking to the in-to be tested. Unless it be colored where it should, as Or- terior of the bottle. In ten minutes a film of cyanid of fila proposed, he agitated or digested with charcoal gud silver has frequently formed. After this another class.