

viscous oily liquid of the consistence of honey in cold weather, and then requiring to be warmed before it is fit for use. It has a specific gravity of 1.227, and gives all the reactions above described in the case of the 10 per cent. Iodipin. It is more or less red or violet colored, but the color is not the result of decomposition, and is attributable in some way to the sesame oil, which is stated by Merkling to contain a minute quantity of a resinoid substance; by Villavechia and Fabris an alcoholic oil which gives with several re-agents the well-known Boudouin reaction that is observed in greater or less degree with the high percentage Iodipin.

The careful physiological observations, instituted principally by Winternitz, show that the absorption of Iodipin takes place not in the stomach, but almost invariably in the intestine. They also prove that the Iodized fat introduced into the system is for the most part deposited as such, and does pass into the circulation. If Iodipin were subject to rapid oxidation in the system the Iodine thus set free in considerable amount might be productive of deleterious effects; but in regard to the doses employed for medicinal purposes that possibility need not be considered. The deposition of Iodipin in the body holds good, not only in regard to that administered per os, but also for that administered subcutaneously, as well as per rectum. The investigations relating to rectal absorption are not, however, yet complete.

The assimilation of Iodized fat takes place generally. Not only does the rendered fat of the abdominal cavity and the subcutaneous cellular tissues contain Iodine, but Iodine is also present in the ether extract of almost all the organs, especially the muscles and the bones. Next to the liver the bone marrow contains the largest amount of Iodine.

The Iodized fat does not pass into parts of the body with its original amount of Iodine, a small proportion of that amount being previously separated. According to Winternitz, that takes place through the minutely divided fat globules circulating in the blood being altered superficially by contact with alkaline salts, while the interior portions of the fat globules retain the full amount of Iodine.

The circumstance that the assimilated Iodized fat is partially deposited in the interior of the body, and that, consequently, considerable quantities of Iodine may be introduced by means of Iodipin without danger, constitutes a very advantageous distinction between that preparation and certain other new Iodine media.

The investigations carried out by Scheele have demonstrated that the consumption of Iodovasogen is not to be regarded as constituting a substitute for internal administration of potassium iodide, and Winternitz has also shown that the consumption of Iodine in the form of vaselinol, Iodovasogen or potassium iodide, together with simultaneous consumption of food containing fat or fat-forming ingredients, does not have the effect of causing any appreciable assimilation of Iodine in the body. Assimilation takes place under such conditions only when potassium iodide is admin-