surprising as being in contradiction to the statements of authorities on emetine, who represented it as scarcely soluble in ether, only obtained colourless with difficulty. The researches of Lefort, in 1869, again called the author's attention to this subject and the experiments made since then form the basis of the paper under review. In the experiment first described 100 grains alcoholic extract of ipecac were heated in a water bath, with water sufficient slaked lime—about 150 grams—was added to bring the whole to the state of powder. This was percolated with ether until apparently exhausted. The calcareous residue was examined, found to contain a very small quantity of emetine; so small as to be practically of little account. The etherial solution was agitated with 100 c. c. of distilled water, containing 5 grains of hydrochlorid acid, and allowed to separate. The aqueous layer was coloured yellow, with a slight fluorescence, and contained the emetinewas divided into two parts. To one of these was added ammonia which threw down an abundant white precipitate. washed and dried, and during the process it diminished in bulk finally appeared in small, hard, resinous fragments. This stance, when powdered, possessed all the characters of pure emergence. The other portion of the solution was, with great care, eval orated to about one-fourth its original volume, and set aside Small crystals began to form, and, after a short time, the liquid solidified into a crystalline mass, which was made up of round, fine needles, embracing each other, and radiating from a common centre. This result is completely at variance with other authorities, describe the salts of emetia as uncrystallizable, and especially with that of M. Lefort, who speaks particularly in regard to the hydrosta chlorate. On the strength of this experiment, M. Glenard claims that by the use of lime and ether we may remove from the extract of ipecac all the emetine it contains, and that the alkaloid of obtained differs so much in purity from that prepared by other methods that it may be readily brought to the state of crystallied hydrochlorate, which connect to the state of crystallied hydrochlorate, which cannot be done with emetine as previously It is not necessary that the extract of ipecac be employed, as the powdered root may be employed with as good results. should be moistened, mixed with lime, dried, and then percolated with ether. This plan is attended. with ether. This plan is attended with the inconvenience of operation with other are a second with the inconvenience of operations. ting with ether on a very bulky powder. The author prefers following method: Ipecac, in powder not too fine, is mixed with two and a half times its weight of distilled water, containing, to grams of sulphuric acid to the litre. The mixture is allowed the stand a few hours, and filtered. The powder is washed until the To the liquor is added a large excess added washings are colourless. thick milk of lime, and the deposit collected on a filter and washed. The greater portion of the emetine is contained in this deposit, por the liquor also contains a small portion of alkaloidal matter.