

# THERAPEUTIC NOTES.

**The Theoretical Depreciation Of Diphtheritic Antitoxin.**—The theoretical depreciation of diphtheritic antitoxin has been systematically attacked of late by scientific investigators, and the facts as deduced explode many long accepted but obsolete theories. Roux of the Pasteur Institute, Paris, Marx of the Royal Institute for Experimental Therapy in Frankfurt, Germany, Chiadini in Italy, and Miller in the United States, are among those engaged in the work. Tests and retests have been made in twelve to fifteen thousand lots of serum kept under all conditions of laboratory and field antitoxin. All the conclusions concur in sanctioning a more extended time limit, and emphatic statements are made that "The demand for fresh serum is not justifiable", and that "Any mistrust of old serum is unfounded." The majority of serums show no appreciable diminution in antitoxic value, in two, three, four and even five years. The maximum loss in the occasional serum, which frequently occurs within the first year is  $33\frac{1}{3}\%$ . The practice of adding a precautionary excess fully compensates any such anticipated loss.



**"The Bloodless Phlebotomist"** is published by the Denver Chemical M'fg. Co., New York. The January number contains some short, interesting articles, one by

Dr. R. T. Morris on "Appendicitis as an Infective Inflammation," and another by Dr. H. E. Lewis on "The Early Diagnosis of Pulmonary Tuberculosis." This paper will be sent to any physician on application to the publishers.



**Relief of Sciatic Pain.**—We wish to refer to a comparatively new combination of drugs, one which has been used largely for the control of cough and which has also been employed to a great extent for the relief of pain. It is claimed that its use in many cases renders the same service as does morphine, its influence often lasting for as long a period of time, and possessing the advantage that it does not disturb the digestive tract, nor cause constipation or habit. The remedy we mean is Antikamnia & Codeine Tablets. In several instances in which the patients were suffering from severe acute sciatica, it was found that they acted most satisfactorily. Each tablet contains  $4\frac{3}{4}$  grains of antikamnia and one-fourth grain codeine sulphate. The prompt and excellent result obtained with this preparation is due, in a great measure, to the specially refined and purified codeia which the Antikamnia Chemical Company employs in these tablets. Impure or ordinary codeia irritates, constipates and depresses, and to avoid this the said company purifies its