rhea results largely from the secondary infection.

3. The demonstrable endamebas can be destroyed by giving one-half grain of emetin hydrochlorid hypodermically for three to six successive days.

4. Apparently equal endamebacidal effect is produced by two or three Alcresta Ipecac tablets (Lilly) taken by mouth three times a day for four to six successive days.

5. The lesions require variable lengths of time to heal, but many could not reasonably be expected to heal in less than several weeks or months.

6. The treatment must be repeated from time to time until the lesions all heal, on account of relapse, or probably reinfection of the lesions.

7. Injecting Ipecac or emetin into the worst lesions ought to be of service and can be carried out by patients in many instances.

8. Rinsing the mouth thoroughly with a solution of fluid extract of Ipecac is believed to protect, to some extent, against reinfection and actually cures the disease in its earliest stage in some instances.

The Significance of Casts in the Urine. By H. L. McNeil, Galveston, Texas. *Texas Medical News*, January, 1915, pp. 279-283.

Regarding their attitude toward the value of laboratory work in diagnosis, physicians can be divided into three classes: Pessimists, optimists, and normal. The optimists rely too much upon the laboratory, either through lack of experience in laboratory work or from the fact that they specialize in this field. The pessimists are usually disappointed optimists. The normal, average man has usually passed through both of these stages.

The attitude of the profession toward the finding of casts is illustrated by the above. The interpretation of the significance of casts should be done only by the clinician and not by the laboratory man. Many men, condemned, ten or twenty years ago, by life insurance companies, or by physicians, on the finding of a few casts in the urine, are found to be in perfect health at the present time. On the other hand, an inestimable amount of money has been saved to life insurance companies, and innumerable lives have been prolonged by the timely warning of a few casts.

Casts undoubtedly indicate an irritation to the kidney cortex, but are found in many other conditions than Bright's disease, namely: In fevers of all kinds; in intoxications; after unusual physical exercise; after an unusually large meal, and in arterio-sclerosis.

The question to be solved by the physician is that of their significance, and this can only be done by a clinical study of the case, including careful history taking, physical examination, blood pressure, functional kidney tests, etc.

Intestinal Stasis. By J. W. Torbett, Marlin, Texas. *Texas Medical News*, January, 1915, pp. 285-290.

The literature was reviewed showing nausea, headaches, vomiting, anorexia, loss of weight, cold extremities, chloasma, mental apathy, nervousness, muscular pains, degeneration of the breasts and rheumatoid arthritis have all been attributed to intestinal stasis, which in turn is

attributed to constipation, ptoses, kinks and incompetent ileo-cecal valve. Now what causes these conditions: (1) Enervation or hypersensitive condition of the vagus and splanchnic nerves brought about by irregular habits, loss of sleep, use of stimulants, worry, bent posture, etc., giving altered circulation and impaired nutrition of the abdominal viscera. (2) Shallow, imperfect breathing, giving imperfect oxygenation of the blood and a venous stasis of the liver and portal circulation on back to the stomach and bowels. Campbell claims 1-12 to 1-13 of the body's entire blood is in the lungs during deep inspiration, while only 1-17 to 1-18 is present during expiration, this respiration being the principal vis a fronte to draw the venous blood back to the heart and lungs. (3) Some intestinal infection, as claimed by Bassler that finally begins to get in its toxæmia when the body defenses have been weakened, nutrition impaired and splanchnic stasis induced by the above mentioned errors. A reversal of the blood pressure, being equal or higher lying down than while sitting, is often found, especially in neurasthenic cases with dizziness as claimed by Dr. Mary Arnold Snow. Treatment: (1) Deep breathing in lying posture with upward abdominal massage; (2) Regular habits and balanced rations; (3) Sinusoidal electricity; (4) Paraffine oil, Trs. vomica, belladonna, and physostig. with cascara. Lastly, charcoal tablets eaten with only one meal, in the morning, will pass out well mixed with the stool in twenty-four to thirty hours, while they will not be well mixed and will require thirty to sixty hours in cases of stasis.

Diseases of the Suprarenals. By O. P. Nuckols, Pineville, Ky. *Kentucky Medical Journal*, January, 15, 1915, pp. 65-68.

The author of this article cites the fact that the suprarenals furnish to the blood an internal secretion, that acts directly on the cardio-vascular system, and maintains the muscular tone of this system, and further that they have to do with elimination and body metabolism, and that their removal is followed by the rapid accumulation of toxic agents in the blood.

Complete removal of the glands has been followed by death within a few hours from toxic poisoning; however, the introduction of suprarenal extract into the blood has been universally followed by improved heart action and increased blood pressure.

There can be no doubt that the organic functions of the body are controlled by some specific influence, that in all probability act by and through the sympathetic centers, and which must be acted on by and through the blood containing these internal secretions.

It may be that the further study of these internal secretions may in time explain many of the obscure medical mysteries that have hitherto been unexplained, such as birth marks, human monstrosities, the loss of color pigment in the skin over night, or the sudden turning of the hair gray from some sudden emotion.

If this be true, it is also true that when the chain is broken by the removal, either by mechanical means, by disease, or by congenital defect, the system is sure to suffer and disease and malformation follow.