

either by tearing out its internal serous lining, by complete incision, or by bisection and suture of its halves back to back behind the testicle. Replacement of the testicle in the scrotum and suture of the wound in the groin complete the operation.

Intestinal Putrefaction.—In the *Journal American Medical Association*, a writer on disturbances of the heart discusses disturbances due to the absorption of irritants from the intestines, alcohol, tobacco, and caffeine. The heart may be made slow, rapid or irregular. Removal of meat from the diet is most successful in the management of intestinal putrefaction. One of the best laxatives to use is agar-agar. As to bowel antiseptics, none is more efficient than salol, 5 grains three or four times a day. Washing out the colon with high injections is often of value. Lactic acid bacilli, best the Bulgarian, are often of value in intestinal fermentation. A tablet may be eaten with a little milk-sugar, or with a small lump of cane sugar, after each meal. One-sixth of an ordinary compressed yeast cake, dissolved in a glass of water, may be taken once or twice a day. Foods which cause fermentation should be eliminated.

Asthma.—Stadler (*Med. Klinik, Berlin*) remarks that as the patient is generally seen first in an attack, he needs prompt and effectual help. For this, reliance may be had on epinephrin, a subcutaneous injection of 0.5 c.c. of 1 per thousand solution, in the upper arm. This gives remarkable relief in from three to five minutes. The by-effects, palpitation, etc., pass off in a few moments, and the patient soon sleeps. In his experience he has never known it to fail.

Hemorrhage.—Charles G. Levison (*J. A. M. A.*) says for a number of years it has been an accepted procedure to employ horse serum hypodermatically in hemorrhage due to diminished tendency of the blood to coagulate, and experience has proved this remedy very effective. It has been employed in varying quantities, and the results have been excellent in hemophilia, purpura, melena neonatorum, and in operations associated with a long-continued icterus. Levison reports a case of cystotomy where a cystic tumor was removed, the area cauterized, but the bleeding persisted for seven days. Tincture of iron, alum, epinephrin and antipyrin were used locally, as well as packing and the injection of horse-