

## PHOTOGRAPHING THE STOMACH.

The *New York Medical Jour.* says a device has been made by Dr. Fritz Lang, of Munich, Germany, by which the inside of the stomach can be clearly photographed, so that it will give a very accurate means of diagnosing a class of diseases which has heretofore been attended, in some cases, with great difficulty.

The camera is constructed on exactly the same principles as all cameras for taking moving photographs, although, of course, there is no attempt made to combine them so as to project the actual operations of the stomach. It is doubtful, however, if a camera has ever before been fashioned which is as compact as this one, or which has been put to as strange a use.

This camera is actually swallowed by the patient, and no sooner does it reach his stomach than the walls thereof are illuminated by a small electric lamp attached to the apparatus. At the bottom of the camera is wound a photographic film twenty inches long and a quarter of an inch wide, and one end of this film is fastened to the cord, which runs freely in the tube. Of course the cord and the conducting wires must be swallowed with the camera itself, for in order to draw the film past the lens the cord must be pulled.

As soon as the camera reaches the bottom of the stomach, the work of photographing may begin. All the surgeon has to do is to pull the cord and thus run the film past the lens. The electric light is then turned on and after the sensitive film has been impressed with the image the current is turned off and another section of the film is brought into play until the requisite number of pictures have been obtained. When this is done the entire apparatus is withdrawn from the stomach, and the films are carefully developed and enlarged.

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## TO PREVENT ETHER NAUSEA.

In the *Philadelphia Medical Journal* of September 23 Dr. Samuel Edwards of Baltimore reported four years' experience with vinegar as a preventive of the nausea which follows the administration of an anesthetic. The vapor of