

The writer advocates an apparatus like the Riva-Rocci, in which a bag completely surrounds the limb, in preference to those in which a superficial artery is compressed. To obtain accurate results a broader band than is usually employed should be used as the narrow band gives too high readings.

PATHOLOGY.

UNDER THE CHARGE OF J. G. ADAMI.

The Journal of Experimental Medicine.

With the February number of this journal, we have the periodical entering on a new history of its life. As is stated in its preface, the *Journal of Experimental Medicine* will hereafter be published under the auspices of the Rockefeller Institute for Medical Research, and under new editorial management. It will, as heretofore, be devoted to publication of original investigations in the domain of medical sciences, and will, at the same time, serve as a medium of publication for the institution by which it will be issued. The articles published in this number are such as have accumulated during the two years of its suspension. The publication of the journal appears under the names of Simon Flexner and Eugene L. Opie.

PHILIP HANSON HISS, JR. "Differentiation of Pneumococcus and Streptococcus."

The author points out that the pneumococcus and streptococcus can usually be differentiated by their morphological characters; however, certain cultures of these organisms at times approach the type of the other so clearly that it may be impossible to identify them by their morphology alone. The further fact that the cultural characters of the organisms are so nearly alike, that there is much uncertainty in distinguishing them. We are well aware how related organisms, which in themselves may possess distinctive qualities, have a series of intermediate micro-organisms with characters of both. The number and varieties of bacteria intermediate between the *B. typhosus* at one end and *B. coli* commune at the other is legion, and when a line in the chain of micro-organisms uniting these two is missing in nature, we can supply it by altering the characters of one by "forced growth." The condition of affairs is closely simulated by the pneumococcus and streptococcus pyogenes. One chief morphological difference has been the presence of a capsule in the former, and in its lancet shape. However, it is not infrequent that a capsulated streptococcus is met with, or that the com-