

164

MEMORANDUM re PATHOLOGICAL INSTITUTE.

1. Just as in the primary years Physiology is the most important subject in the curriculum, as it teaches students the functions of the human body, and teaches them to think scientifically, and prepares them for the approach to the study of clinical medicine, so does Pathology in the final years occupy a similar position. It teaches diseased processes, it demonstrates organs and tissues that are diseased, by means of autopsies, and it further investigates all tissues removed from the body by surgical operations. Moreover, the study of Pathology deals with the microscopic appearances of diseased tissues, and the causes that bring about such changes.
2. In the Hospital, the Pathological Department makes autopsies, examines microscopic specimens, makes cultures of diseased tissues, examines blood preparations and performs a variety of tests, all of which help the clinicians to understand the nature of the diseases with which they have to deal. Further, it conducts such research work as develops from the clinical material. All this is purely hospital work.
3. In its relations to the University, the Pathological Department teaches the subjects above outlined to the students of the three last years. To be thoroughly efficient, this teaching must depend on the material derived from hospital sources, (autopsies, tumour examinations, body fluids, etc.) It is, moreover, most important, in order to obtain good results, that such material should, where possible, be dealt with when still fresh.

In addition to this, a Pathological Department in a university must see to it that research work is developed from such material.

Other research work, independent of this material, should be