

TITLE: DEVELOPMENT OF AN EDUCATIONAL PRODUCT RESULTING FROM A PROFESSIONAL MASTER'S DEGREE: PRACTICAL GUIDE TO BASIC MICROBIOLOGY GUIDELINES

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ABSTRACT:

In the Microbiology sector, laboratory diagnosis of microorganisms is accomplished in patient's clinical samples. Thus, each procedure must be performed correctly, ensuring the reliability of the results. In this context, the student in a supervised internship in the Biomedicine course is included. Thus, the development of educational technologies for supervised internship students is of great importance, as they help in the insertion of students in laboratory activities. Thus, the objective of this work was to develop an educational technology for the Microbiology Sector of the Clinical Analysis Laboratories associated with the Faculty of Biomedicine at UFPA, in order to instruct the interns on their conduct in performing laboratory procedures. The development of this educational product was linked to the Professional Master's Degree in Clinical Analysis at UFPA. And from a previous consultation, through the application of a questionnaire to the graduates of the Biomedicine course, the "Practical Guide of Basic Microbiology Guidelines" was created. It is noteworthy that the questionnaire contained objective and subjective questions about the theoretical and practical content of Microbiology, aiming to understand the difficulties faced by students during the internship. In a preliminary way, sixteen students participated in this study. Due to the Covid-19 pandemic, only two groups of interns participated in the survey, resulting in a reduced sample N. From the impressions obtained during the monitoring of the students' routine in the internship and the answers obtained in the questionnaires, the educational product was developed. Finally, supervised internship students considered important to have the help of a practical guide in conducting laboratory activities. Therefore, the use of the developed material will contribute to the assimilation of knowledge of the steps involved in laboratory diagnosis in the Microbiology sector, as the intern will have theoretical and visual support for the procedures he will be performing, in addition to contributing to his professional training.

Keywords: Microbiology. Laboratory. Clinical. Educational Technology.