ABSTRACT

The thesis addresses the topic of nuclear medicine and radiopharmacy, focusing on creating suitable educational materials in this field for the "Certified Pharmaceutical Assistant" study program. The theoretical part includes a description of the pharmaceutical assistant's role and basic information about nuclear medicine. These insights lead into the key chapter of this work, namely radiopharmacy and the preparation of radiopharmaceuticals. The empirical part of the thesis consists of two questionnaire surveys. The first section of the empirical part consists of a questionnaire aimed at teachers who teach subjects focused on radiopharmacy for the "Certified Pharmaceutical Assistant" study program. The second section of the empirical part consists of a questionnaire among students in their final year of the mentioned program. Both questionnaires aim to gather information on the pedagogical reality of subjects focused on radiopharmacy and simultaneously collect suggestions for improving teaching for future students. It was found that only 28,6 % of the surveyed teachers use teaching methods other than just frontal teaching. Furthermore, it was discovered that none of the 56 surveyed students plan to work in a radiopharmaceutical preparation laboratory. Based on these findings, 13 educational materials were proposed, which will be provided to both teachers and interested students, aiming to enhance future teaching, raise awareness of this particular field of pharmacy, and encourage interest among individual pharmaceutical assistants who can confidently try out this interesting work.

KEYWORDS

Educational materials, Pharmaceutical assistant, Nuclear medicine, Radiation protection, Radiopharmaceuticals, Study materials.