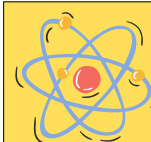


Hospital Radiopharmacy: What are the roles of the hospital pharmacytechnician?

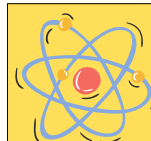
Syndie Robert ^a, Elodie Florit ^b, Sandrine Zitte ^c, Sophie Meyer ^d, Marie Camille Bros ^e

^a radiopharmacy department “CH Montluçon-Néris les Bains”, ^b pharmacy department “Institut du Cancer de Montpellier”, ^c pharmaceutical technology department “CHU Sud réunion” to Saint Pierre, ^d pharmacy service “CH du Forez” to Montbrison, ^e pharmacy service “CH Montluçon-Néris les Bains”



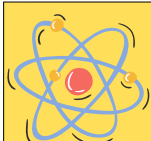
Introduction:

Radiopharmacy is based on the preparation of radiopharmaceuticals medicine, historically carried out by Medical Electroradiology Technologists (METs). Today, these activities are sometimes performed by hospital pharmacy technicians (HPTs).



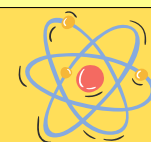
Objective :

To evaluate the role of the hospital pharmacy technician in radiopharmacy and analyze the distribution of their activities.



Materials and Methods :

- Anonymous descriptive survey of 12 questions.
- Question types: open-ended, closed, Likert scales, multiple and single choice.
- Distributed as a  questionnaire and via  Google FORMS
- professionals in Auvergne-Rhône-Alpes, Bourgogne Franche-Comté, Occitanie, and Réunion island.



Results :

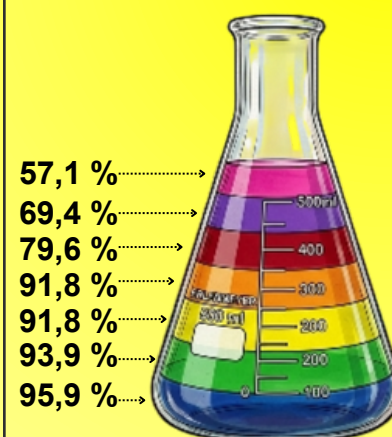
(Of the 49 people surveyed, approximately 90% work in their institution's radiopharmacy)

Who mainly performs radiopharmaceutical preparations?



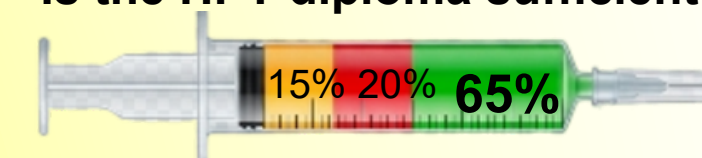
- Hospital pharmacy technician
- Medical electroradiology technologist
- Radiopharmacist

Activities performed by PPH

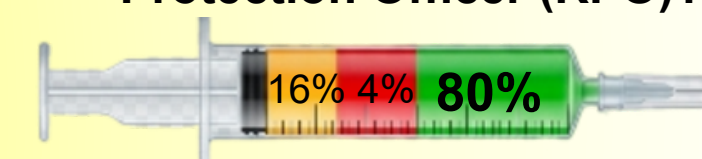


- Involvement in clinical trials
- Cell labeling
- Ordering/receiving radioactive sources
- Ordering/receiving radiolabeling kits
- Radioactive waste management
- Quality control
- Preparation of radiopharmaceuticals

Is the HPT diploma sufficient?



Can a HPT become a Radiation Protection Officer (RPO)?



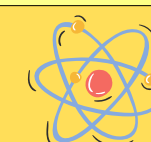
Don't know No Yes

Additional data Average number of HPTs :
3 vs 10 METs

Barriers:

- Historical organization (**53.1%**)
- Management decisions (**36.1%**)
- Lack of HPT (**28.6%**)

However, **77.6%** believe their presence improves safety and traceability.



Conclusion:

The results show a clear recognition of the central role of hospital pharmacy technicians in radiopharmacy, with a strong willingness to increase their presence. Some roles remain poorly understood, suggesting that improvements in training and practices could optimize their integration.