

Establishing an International Educational Framework for Radiopharmacy

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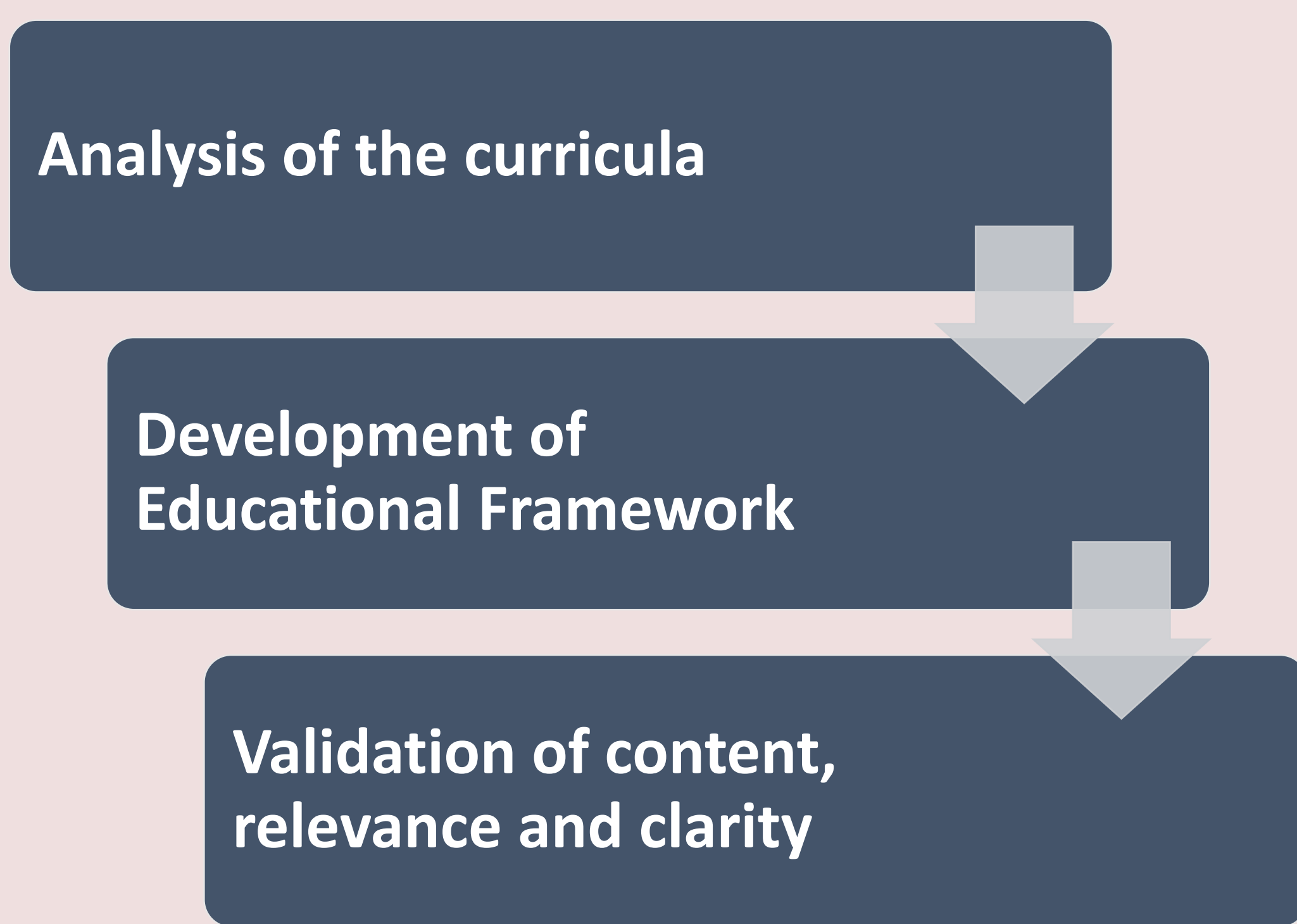
INTRODUCTION

Directive 2013/55/EU¹ states the requirements necessary in a pharmacy degree programme. Based on this directive, it is not a legal requirement for radiopharmaceuticals to be included in a pharmacy curricula. There is variation in presentation of radiopharmaceuticals in pharmacy curricula. Certain universities have specific recognition for radiopharmaceuticals whereas others lack training.

AIMS

To analyse the educational framework on radiopharmaceutical for the pharmaceutical workforce
To develop an educational framework on radiopharmaceuticals which satisfies legal and safety requirements

METHOD



Analysis of curricula was done for universities registered with the European Association of Faculties of Pharmacy (EAFP), Australia and the USA

Based on these results, the educational framework was developed. The Radiopharmacy Technologist's Guide² published by the European Association of Nuclear Medicine was used for the content. Framework is analysed through a Delphi Method

RESULTS

All 81 universities registered with EAFP were analyzed. From these, 47 offered information on radiopharmaceuticals within a pharmacy degree programme where 44 universities gave a detailed description.

Data compiled on Australia and USA did not contain information on radiopharmaceuticals

The developed educational framework was subdivided into 6 categories:

1. Terminology
2. Nuclear Physics
3. Diagnostic Use
4. Therapeutic Use
5. Production of Radiopharmaceuticals
6. Safety

Figure 1: Study Units Content (N=44)



CONCLUSION

This study provides a snapshot of the radiopharmaceutical-related topics covered in a pharmacy degree programmes in Europe. This study served as a baseline study to provide an analysis of pharmacy education on radiopharmacy. The data captured reveals the variability and lead to the development of an educational framework.

REFERENCES

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