

# Research on educational standards in biomedical sciences regarding the European Programme of Work of WHO

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## INTRODUCTION

The subject of this research is the analysis of current pre- and postgraduate education standards in the biomedical sciences within the WHO European region, their development trends, and their conformity with WHO recommendations, with an emphasis on leadership competencies, which are one of the key standards in education. The analysis aims to identify the current state of knowledge and practices related to leadership competencies, define developmental needs, and design and evaluate courses in this area.

The ELA Competency Framework (Kluge et al., 2022) specifies essential skills and traits for health leadership, emphasizing trust, evidence, communication, and education. It integrates 15 key competencies across personal, team, and systemic levels for the health sector's transformational leadership. Developed from comprehensive research and expert input, it's a living document forming the core of ELA's educational programs, with ongoing revisions to adapt to the dynamic healthcare environment.



## METHODS

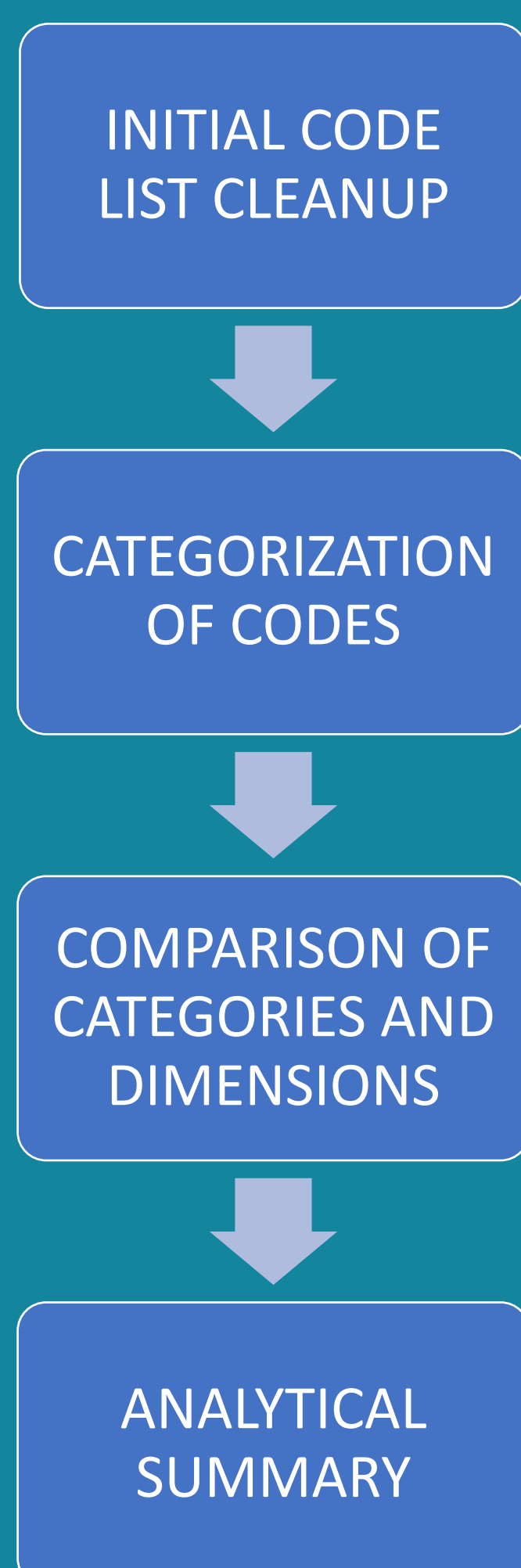


The research employs a hybrid qualitative-quantitative methodology, pertinent to medical education, encompassing focus groups, interview analysis, and surveys. The pilot phase engaged five academic educators (2F, 3M) for question list validation and yielded initial insights into leadership perception.

Upcoming Phases:

- Streamlining and validation of survey items to enhance clarity, relevance, and respondent engagement.
- Expansion of participant pool to include 2-3 academic teacher groups and 2-4 student groups for comprehensive data.
- Intensified qualitative analysis to distill codes and categories.

## PILOT STUDY: RESULTS



In the "meaning of leadership competence" dimension, there's a strong emphasis on structured management practices across various leadership functions and the personal growth of leaders themselves. This dimension appears to take a holistic view of leadership, integrating personal development, team dynamics, and operational management.

In contrast, the "leadership in healthcare" dimension is more focused on the practical aspects of leadership that relate directly to the healthcare environment. It underscores the importance of practical task management, direct responsibility, and the ability to adapt and lead in a dynamic, high-stakes environment where the well-being and safety of patients are at the forefront.



## KEY TAKEAWAY

Both dimensions recognize the importance of interpersonal skills and team dynamics, but healthcare leadership places a particular emphasis on protective and supportive roles, reflecting the high stakes and close collaborations necessary in medical settings.