SIBioC Study Group on Extra-Analytical Variability of Laboratory Data - SG VEA

History

The Group was born from the awareness that the quality of laboratory results does not depend exclusively on the analytical phase, but on the entire diagnostic pathway. The collaboration since its foundation between SIBioC, SIMeL and CISMEL has made it possible to systematically address the critical issues of extra-analytical phases: patient identification, venous sampling, sample management, transport, storage, communication of critical values and diagnostic appropriateness.

THE MISSION

To transform extra-analytical variability from a "hidden area of error" into a strategic lever for quality, safety, appropriateness and innovation in Laboratory Medicine.

THE 10 OBJECTIVES OF THE VEA STUDY GROUP

1. Consolidate and update SIBioC recommendations on the extra-analytical phases of the diagnostic process.

2. Promote national harmonization of procedures related to sampling, identification, transport, acceptance, storage and reporting.

3. Develop extra-analytical quality indicators applicable in clinical laboratories and community settings.

4. Promote audits, surveys and multicenter studies to measure extra-analytical variability and identify priority areas for improvement.

5. Integrate new digital technologies, automation, IT traceability and artificial intelligence in error prevention.

6. Strengthen multidisciplinary collaboration among laboratory professionals, clinicians, nurses, phlebotomy operators, pharmacists and community services.

7. Promote continuous training of operators involved in the sample and result pathway.

8. Enhance the role of the laboratory specialist as guarantor of data quality throughout the entire diagnostic pathway.

9. Link extra-analytical variability management to patient safety, clinical risk and appropriateness.

10. Produce documents, position papers and practical tools to support laboratories in daily extra-analytical quality management.