



Chapter 03

*Nursing Management in Blood Sample Collection.
Organization, Preanalytical Phase, and Quality of Care
(English Version)*

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Methodological approach and study design

Enfoque metodológico y diseño del estudio

Study design, universe, and sample

The research was conducted as a descriptive observational study with a cross-sectional design and a quantitative approach. The analysis focused on nursing professionals belonging to a private hospital in the Autonomous City of Buenos Aires during the period between August 2019 and January 2020.

The study population consisted of the nursing staff assigned to the institution during the defined time interval. From this group, a sample of fifty nurses working in neonatal and pediatric intensive care units was selected. The selection was made via nonprobabilistic convenience sampling, considering the accessibility and availability of the participants.

Professionals belonging to the nursing service group from all work shifts, with permanent contracts and more than one year of service, were included. Temporary staff, including residents, teachers, visiting professionals, and workers temporarily transferred from other services, were excluded to preserve the homogeneity of the group analyzed.

This design allowed us to examine the practice of blood sampling from an organizational and operational perspective, taking into account the dynamics of the intensive care setting.

Measurement instrument

The primary source was a survey on elements of nursing organization and management in the practice of blood sampling, which consisted of 11 closed-ended Likert-type items (appendix I).

The data for this study were collected on a virtual platform. The instrument was self-administered by nursing professionals according to their availability. The approximate response time was 20 minutes. The participants used electronic devices, including computers, cell phones, tablets, or any other device compatible with the survey application, to complete the questionnaire, depending on their preference.

Ethical aspects of the research

The surveys were anonymous and were administered after informed consent was obtained (appendix II), which clearly stated that the respondents' data would not be disclosed to third parties and would only be handled by the research participants, who undertook not to disclose any data that would allow the respondents to be identified.

The results of the evaluation of the assessment instruments were collected in a database, which was kept under the care of the person responsible for the research.