



Blood-sparing sampling techniques such as the push-pull method can significantly reduce sampling-related blood loss and protect patients from anemia and blood transfusions” McBride et al (2018).

Abstract:

Blood sampling is a major source of blood loss in the pediatric intensive care unit (PICU). Blood-sparing sampling techniques such as the push-pull method can significantly reduce sampling-related blood loss and protect patients from anemia and blood transfusions. The push-pull method is supported by research evidence for central venous catheter (CVC) sampling, but research protocols differ and not all CVCs and laboratory tests have been studied. A standard push-pull protocol for the PICU was developed, implemented, and evaluated in this evidence-based practice project. Results show that the protocol can be used safely and reliably as a standard waste-free sampling method in the PICU.

Reference:

McBride, C., Miller-Hoover, S. and Proudfoot, J.A. (2018) A Standard Push-Pull Protocol for Waste-Free Sampling in the Pediatric Intensive Care Unit. *Journal of Infusion Nursing*. 41(3), p.189-197.



doi: 10.1097/NAN.0000000000000279.

