



Ohio Administrative Code Rule 4723-17-06 Minimum curriculum requirements.

Effective: February 1, 2020

The minimum curriculum for a continuing education course in intravenous therapy, required by section 4723.19 of the Revised Code, for licensed practical nurses:

(A) Shall include, but is not limited to, the following components:

- (1) Policies and procedures of both the Ohio board of nursing and the employing agency relating to intravenous therapy and accountability and responsibility of the licensed practical nurse in the performance of limited intravenous therapy procedures;
- (2) Support and psychological preparation for the individual receiving intravenous therapy as well as the family members and significant others;
- (3) Anatomy and physiology of the peripheral veins used for venipuncture;
- (4) Procedure for venipuncture, collection of equipment, site selection, palpation of veins, and skin preparation;
- (5) Procedures for adding intravenous solutions to existing infusions, hanging intravenous solutions, changing intravenous tubing, performing intravenous dressing changes and flushing and converting peripheral intermittent infusion devices;
- (6) Relationships between intravenous therapy and the body's homeostatic and regulatory functions;
- (7) Signs and symptoms of local and systemic complications in the administration of fluids and guidelines for management of these complications as well as preventive measures;
- (8) Identification of various types of equipment used in administering intravenous therapy with content related to criteria for use of each and means of troubleshooting for malfunction;



- (9) Formulas used to calculate flow rate;
- (10) Principles and practices of prevention of disease transmission, as set forth in Chapter 4723-20 of the Administrative Code, and as related to intravenous therapy;
- (11) Glossary of common terminology pertinent to intravenous therapy;
- (12) Documentation of intravenous therapy procedures;
- (13) Demonstration of successful application of knowledge and skills to clinical practice by skills testing at least all of the components included in paragraphs (A)(8) and (A)(9) of this rule.
- (14) A review of Chapter 4723. of the Revised Code and the rules of the board with respect to the role, accountability, and responsibility of the licensed practical nurse in intravenous therapy;
- (15) Anatomy and physiology of the cardiovascular system as related to homeostasis;
- (16) Anatomy and physiology of the respiratory system as related to homeostasis;
- (17) Signs and symptoms of local and systemic complications in the administration of antibiotics;
- (18) Guidelines for the management of complications arising from the intravenous administration of antibiotics;
- (19) Procedures for reconstituting and administering intravenous antibiotics via piggyback that include, but are not limited to, pharmacology, compatibilities, and flow rates;
- (20) Procedures for maintaining a central line for infusing only the solutions specified in section 4723.18 of the Revised Code;
- (21) A review of prohibited practices as set forth in section 4723.18 of the Revised Code; and



(22) A review of the role of the registered nurse, licensed physician, dentist, optometrist, or podiatrist who is directing the licensed practical nurse to perform an intravenous therapy procedure with reference to how the role may differ depending upon the setting in which the intravenous therapy is being provided.

(B) Provides an opportunity to the nurses to develop proficiency in limited intravenous therapy procedures and related nursing care. Practice of all skill components and skills testing shall be done in either supervised clinical practice or while supervised in the laboratory.