

Source: Miss. Code Ann. § 73-15-17 (1972, as amended).

Rule 2.4 Scope of Practice - IV Therapy.

- A. The LPN performing IV therapy must have successfully completed education and training provided by an IV therapy integrated accredited nursing program or Board-approved IV therapy course.
- B. Evidence of education and training must be documented via official transcript and accessible for audit purposes.
- C. The LPN who endorses a license and has successfully completed an IV therapy training program through an IV therapy integrated accredited nursing program in another jurisdiction must complete a Board-approved IV therapy delineation course before performing acts of IV therapy.
- D. The LPN who has received the appropriate education and training may perform the following acts of IV therapy without an additional Board certification:
 - 1) Maintain patency of a peripheral intermittent vascular access device using a nontherapeutic dose of a flush solution.
 - 2) Maintain the peripherally inserted central catheter and central venous infusion of Board-approved IV fluids by checking the flow rate and changing the site dressing.
 - 3) Initiate the administration of Board-approved IV fluids and medications via a peripheral route. The peripheral route does not include midline, central venous catheters, midclavicular catheters, or peripherally inserted central catheters.
- E. Board-approved IV fluids and medications are as follows:

FLUID(S) AND/OR MEDICATION(S)	RECOMMENDED DOSAGE LIMITATIONS
Sodium Chloride Solutions	
NaCl 0.225% (1/4 NS)	20 ml to 150 ml per hour
NaCl 0.45% (1/2 NS)	20 ml to 150 ml per hour
NaCl 0.9% (NS)	20 ml to 150 ml per hour
Dextrose Solutions	
dextrose in water 5% (D5W)	20 ml to 150 ml per hour

Solutions with a Combination of Dextrose and Sodium Chloride	
5% dextrose and NaCl 0.225% (D5 1/4 NS)	20 ml to 150 ml per hour
5% dextrose and NaCl 0.45% (D5 1/2 NS)	20 ml to 150 ml per hour
5% dextrose and NaCl 0.9% (D5 NS)	20 ml to 150 ml per hour
Electrolyte Solutions	
5% dextrose and Lactated Ringer's (D5LR)	20 ml to 150 ml per hour
Lactated Ringer's Or Ringer's lactate (LR or RL)	20 ml to 150 ml per hour
Electrolyte Additives	
Magnesium Sulfate mixed in 1000ml solution	Maximum dose 2 grams to 5 grams per 1000 ml of fluid
Potassium Chloride mixed in 1000ml solution	Maximum 40 mEq per 1000 ml of fluid
Vitamin Additives	
Multivitamin additive (MVI or banana bag) for peripheral infusion only; not associated with total parenteral nutrition (TPN)	20 ml to 150 ml per hour
Thiamine	200 mg to 500 mg daily
Anti-Infective Intravenous Piggyback Medication Classifications	
Antibiotics	Per pharmaceutical protocol
Anti-Fungal	Per pharmaceutical protocol
Anti-Viral	Per pharmaceutical protocol

Gastrointestinal Intravenous Piggyback Medication Classifications	
Histamine type 2 receptor blockers	Per pharmaceutical protocol
Proton pump inhibitors	Per pharmaceutical protocol
Antiemetic	Per pharmaceutical protocol
Medications approved in Hemodialysis setting only	
Bisphosphonate (Reclast)	Per pharmaceutical protocol
Erythropoietin	Per pharmaceutical protocol
Synthetic Vitamin D	Per pharmaceutical protocol
Heparin	1ml: 1000 units
0.9% Normal Saline (NS) Bolus for hypotensive episode	Per pharmaceutical protocol

F. The LPN performing IV therapy may NOT:

- 1) Initiate, regulate, add or administer medications to or discontinue a central venous line;
- 2) Administer or add the following to a peripheral venous line:
 - (a) IV push or bolus medications;
 - (b) Intravenous piggyback medications other than those approved by the Board.
 - (c) Parenteral nutritional agents other than vitamins;
 - (d) Blood, blood components, plasma, plasma expanders;
 - (e) Chemotherapeutic agents.
- 3) Perform any advanced acts of IV therapy listed in Part 2830, Chapter 2, Rule 2.4 D. with patients under two (2) years of age;
- 4) Perform any advanced acts of IV therapy listed in Part 2830, Chapter 2, Rule 2.4 D. with pediatric patients age two (2) years and older, unless:
 - (a) The patient is on a dedicated unit for pediatric patients; and
 - (b) A registered nurse is present on the pediatric patient care unit where IV therapy is being administered and is readily available to respond as needed.

G. Unless otherwise specified in these regulations, the LPN may perform IV therapy if the supervisor is physically on the premises where the patient is having nursing care provided. The physician or dentist may provide supervision in the medical or dental office. In all other settings, supervision and delegation must be by a registered nurse.

H. IV therapy as listed in Part 2830, Chapter 2, Rule 2.4 may not be performed by the LPN in the home setting.