

# Infusion Therapy LMS Courses

Learning Management Online Courses are designed for RN's, Newly Graduated Nurses and LPN's.

All courses include -Audio/slide presentation given by Kay Coulter, CRNI, VA-BC, printable workbooks and post test. Several courses include live demonstration of Inserting Venous Access Devices.

Please reference your state's scope of practice to determine staff eligibility

## I.V. Therapy Education (28 Hours without skills lab)

Designed to provide Nurses and New Nurses with basic knowledge of I.V. Therapy practice.

\*\*This course approved by N.H. Board of Nursing, LPN Intravenous Infusion Course.

**Course content:** Introduction & Overview of Current I.V. Therapy (includes current standards of practice, special patient populations, an overview of chemotherapy and blood & blood products and legal aspects. Also includes resources from regulatory agencies, suggested reading, review of important references and supplemental reading related to legal issues and quality management.

**Note:** The 28-hour course is online only; the 30-hour course includes the online program and a 2-hour hands-on lab that will be facilitated by the Infusion Nurse Educator before contact hours are awarded.

## Introduction & Overview of Current I.V. Therapy (7 Hours)

**Course content:** Introduction & Overview of Current I.V. Therapy (includes current standards of practice, special patient populations, an overview of chemotherapy and blood & blood products and legal aspects). Nurses will be able to identify current standards and guidelines that apply to the delivery of I.V. therapy and the correct use of infusion therapy equipment.

Will discuss the limitation of LPN practice of I.V. Therapy and the legal aspects related to I.V. Therapy practice in healthcare. including special considerations in delivering infusion therapy to the elderly or geriatric patient.

## Geriatric I.V. Therapy: Age 65 & Beyond (1.5 Hours)

This course was designed to educate healthcare providers about the difference between older adult "geriatric" patients (age 65 and older).

**Course content:** Includes proper venipuncture procedure to successfully access the geriatric patient's veins; and the potential complications related to I.V. medications and I.V. fluids in the

## Peripheral Venous Access Devices (4.5 Hours)

**Course content:** Peripheral Venous Access Devices (includes video of a live peripheral I.V. catheter insertion demonstration). Nurses will be able to identify current I.V. devices, be able to describe and assess vascular anatomy and follow proper steps for peripheral catheterization. Includes how to implement acceptable standards of care for peripheral catheters.

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## Central Venous Access Devices (6 Hours)

**Course content:** Central Venous Access Devices (includes video of a live port access/de-access procedure demonstration). Nurses will be able to differentiate between central I.V. access and peripheral I.V. access. Learn the indications for a central venous access device and how to implement appropriate nursing interventions for proper care and maintenance of central venous access devices, including possible complications.

## Implanted Venous Ports: Overview and Access for Use (1.5 Hours)

Learn the proper procedure for accessing and de-accessing an implanted venous port!

**Course content:** Includes a live demonstration and assessment of accessing and de-accessing ports. Provide, an overview of port design including variety of ports and types of non-coring needles.

## PICC Midline Nursing Considerations and Management (3 Hours)

This course will provide an overview of the care and maintenance of PICC and midlines.

**Course content:** Includes the proper nursing management, assessment, dressing changes, flushing techniques and sign/symptoms of complications including nursing interventions.

## I.V. Medications & Fluids (6.5 Hours)

**Course content:** This course includes methods and nursing actions for the safe administration of I.V. medications. Includes administration of vesicants and how to avoid patient harm, in addition to calculating IV medication dosage and I.V. fluid delivery

## Hypodermoclysis: Indications, Techniques & Infusions (1 Hours)

This course will review an alternative infusion method (hypodermoclysis) for hydrating fluids into the subcutaneous tissues for special patient populations (older adults & the terminally ill) who have limited peripheral vein availability.

**Course content:** Includes nursing assessment, potential complications, appropriate interventions and proper documentation.

## Total Parenteral Nutrition (2 Hours)

This course will review an alternative infusion method (hypodermoclysis) for hydrating fluids into the subcutaneous tissues for special patient populations (older adults & the terminally ill) who have limited peripheral vein availability.

**Course content:** Includes nursing assessment, potential complications, appropriate interventions and proper documentation.

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## Legal Aspects of Infusion Therapy (1.5 Hours)

Legal issues abound in health care today. We live in a society that has seen a huge increase in medical litigation. Limiting professional I.V. therapy liability exposure should be everyone's concern.

**Course content:** Nurses will learn major areas of risk for liability related to I.V. therapy practice and how to reduce their liability exposure. Includes the National Infusion Therapy Standards of Practice and recognized guidelines.

## Creating Safer Healthcare through Medical Error Reduction (2.5 Hours)

This course is appropriate for anyone involved in the care of a patient! It was designed to educate healthcare professionals about the prevalence of medical errors and prevention strategies. Everyone involved in the care of a patient has a duty to help prevent medical errors leading to potential patient injury or death..

## PICC 101: PICC-Midline Education (6 Hours)

This course comprehensively reviews all of aspects of practice related to PICC insertion and peripheral midline placement

**Prerequisite:** RN with a minimum of 1-year venous access experience

## PICC 102: Save That PICC: Management of Complications (3 Hours)

This course will discuss evidence-based management of potential problems and complications relating to the placement of PICCs and midlines.

**Prerequisite:** RN and completion of PICC 101

## PICC 103: Advanced Placement of PICCs: The MST / Ultrasound Procedure (4 Hours)

This course will discuss MST (Modified Seldinger Technique) PICC placement utilizing Ultrasound technology.

**Prerequisite:** RN and completion of PICC 101 & PICC 102

\*New Hampshire LPN's must complete skills lab following completion and passing of online course to meet New Hampshire Board of Nursing Requirements to practice infusion therapy. Skills lab will be provided and can be scheduled with HealthDirect's CRNI.