



IV Nurse Consultants

I.V. NURSE CONSULTANTS INC. (IVNC)

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If you would like to schedule a program or inservice but do not see it listed, we will custom design any infusion related topic to meet your pharmacy and/or facility needs.

COURSES OFFERED		
(Continuing Educational Hours Are Now WA State Requirements)		
IV-R	<p>IV - Refresher - (4 CE hours) This 4 hour refresher reviews guidelines and standards associated with the proper procedure for peripheral and central venous access devices. Discussion of the prevention of complications and monitoring the patient. The instructor will demonstrate the insertion of a peripheral IV line (PIV), flushing, Midline/PICC dressing change, securement device changes, needleless connector changes. This course is appropriate for experienced nurses who have already completed a basic IV competency course, but need to review the basics and focus on skills. The course is fast-paced, designed for review and with extra time allotted for skills demonstration by participants.</p> <p>This course is also designed to instill confidence in individuals who have not placed IVs recently or who may just desire more practice. Minimum charge of 6 participants for in-house training. (\$120 per person) 6-8 People = \$90, 9-12 People = \$80 (Supplies furnished by IVNC includes training equipment, practice manikins, and/or handouts)</p>	\$120.00
IV-E	<p>IV - Essentials Workshop - (4 CE hours) 4 hour workshop designed to review: Continuing Ed. hours, Ethical/Legal Implications, obtaining a complete Physician's order, line care and maintenance, purposes of IV therapy, vein, Anatomy/Physiology, practice IV insertions, improving success, picking equipment needed, dressing changes, and much more. Minimum charge of 6 participants for in-house training. (\$75 per person) (Supplies furnished by IVNC includes training equipment, practice manikins, and/or handouts)</p>	\$75.00
BCT-IV	<p>Basic Concepts & Technology - (8 CE hours) This program is an 8-hour course that utilizes PowerPoint presentation, handouts, discussion, and hands on practice. An overview of IV Therapy includes indications, site selection, venipuncture procedure, patient assessment, nursing assessment and actions related to routine care and maintenance, clinical considerations, and equipment will be reviewed. In skillful hands, an intravenous catheterization procedure is quickly and easily performed with little pain to the patient. Completion of this program can result in a skill that will be of immeasurable benefit, over the years, to both patients and medical professional inserting the IV. 8 hour course tailored to the individual group: Minimum charge of 6 participants for in-house training. (\$215 per person) 6-8 People = \$195, 9-12 People = \$180 (Supplies furnished by IVNC includes training equipment, practice manikins, and/or handouts)</p>	\$215.00
ACT-IV	<p>Advanced Concepts & Technology - (8 CE hours) This program is an 8-hour course that utilizes PowerPoint presentation, handouts, discussion and hands-on practice to familiarize participants with Midlines, PICC's, Central Venous Catheters, Ports and P.A.S Ports. Review of site care and maintenance, flushing syringe selection and PSI, dressing changes, occlusion, catheter repair, blood sample collection, catheter removal and post insertion complications. This program is designed for professional with some IV experience and includes working with the care of advanced line placement, care and prevention of complications.</p>	\$215.00

	<p><u>Prerequisite: Must have successfully completed Basic Concepts and Technology in IV Therapy or have instructor approval to enroll in this course.</u></p> <p>8 hour course tailored to the individual group: Minimum charge of 6 participants for in-house training. (\$215 per person) 6-8 People = \$195, 9-12 People = \$180 (Supplies furnished by IVNC includes training equipment, practice manikins, and/or handouts)</p>	
BACT-IV	<p>Basic & Advanced Concepts & Technology - (12 to 16 CE hours) (Combined Course) This program is a 12 to 16 hour program tailored to the individual group. Using the contents from the above two programs it is combined into one program and presented over an agreed amount time period. An example of a 12 hour program is described below by condensing the above two 8 hour programs into one 12 hour program, these are the objective I would plan to cover during the 12 hours. The below objectives can be changed to meet the needs of the individual group and the time can be changed accordingly.</p> <p style="padding-left: 40px;">Basic Portion</p> <ol style="list-style-type: none"> 1. Provide an overview of I.V. Therapy 2. Provide an overview of the venipuncture procedure 3. Provide an overview of patient assessment and nursing actions related to routine care and maintenance of and I.V. 4. Provide overview of the complications associated with I.V. therapy. 5. Provide hands-on practice on manikins. <p style="padding-left: 40px;">Advanced Portion</p> <ol style="list-style-type: none"> 1. Provide an overview of the benefits of a long term line vs. a short term line 2. Provide an overview of each of the long term lines 3. Provide an overview of patient assessment and nursing actions related to routine care and maintenance of a long term line. 4. Provide an overview of the complications associated with long term lines. 5. Provide hands-on practice of accessing Port-a-Caths on a manikin. 6. Provide hands-on practice of a dressing change on each participant. <p>12-16 hour course tailored to the individual group: Minimum charge of 6 participants for in-house training. (\$235 per person) 6-8 People = \$250, 9-12 People = \$235 (Supplies furnished by IVNC includes training equipment, practice manikins, and/or handouts) *Specially discounted course for IVNC facilities only</p>	\$275.00
HIV/AIDS	<p>The HIV/AIDS program is a 4 to 7 hour course that meets state and national requirements of HIV and AIDS training. This course gives a basic understanding of bloodborne pathogens such as Tuberculosis (TB), hepatitis, HIV and AIDS. Immunization and other protection strategies are introduced. Four hour programs are also available. A post-test is required before certificate of completion is issued. Minimum charge of 6 participants for in-house training. (\$75 per person) (Supplies furnished by IVNC includes training equipment and handouts)</p>	
BBP	<p>Heartsaver Bloodborne Pathogens (Bloodborne Pathogens Programs & Universal Precautions) This 2 to 4 hour course is designed for people directly or indirectly exposed to bloodborne diseases such as hepatitis, AIDS, TB, etc. Covers: Modes of transmission, Protective clothing, Equipment, and Corrective actions to be taken in the event of spills or personal contamination with blood or body fluids. Meets OSHA Requirements. Minimum charge of 6 participants for in-house training. (\$55 per person) (Supplies furnished by IVNC includes training equipment and handouts)</p>	

INSERVICES OFFERED

(Continuing Educational Hours Are Now WA State Requirements)

IV-INS	<p>IV - Inservice Each hour is tailored to meet the needs of the individual group. Multiple subjects can be combined together and given over 1 or more hours. Individual topics are usually didactic or didactic with demonstration presented by instructor. Individual skills demonstration is not completed due to short time-frame of inservice. Advanced scheduling is necessary if skills demonstration is required.</p> <p>Based on 'group rate' per hour up to 20 participants. Add \$15 per individual over 20. Depending on distance an additional cost may be charged for travel) (Supplies furnished by IVNC includes training equipment, practice manikins, and/or handouts)</p> <p>These are examples of some of the inservices available: TPN, IV Pump, Port Access, Midline/PICC Maintenance Review, Basic IV Start Review, Dressing Changes, Site Selection, Central Line PICC, Positive Pressure Flushing, Possible Complications in Infusion, and Prevention of Patient Pulling Lines. A more in-depth description of the various inservices are listed.</p>	\$165.00
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Descriptions of 1 to 2 Hour Inservices

(Participants receive Continuing Educational Hours for actual hours of Inservice)

CODE	TOPIC	DESCRIPTIONS
BBPNS	Bloodborne Pathogens / Needlestick Prevention	Needlestick and other sharps-related injuries may expose workers to bloodborne pathogens. In 2010, ANA commemorated the 10th anniversary of the Needlestick Safety and Prevention Act which improved protection against injuries that expose health care workers to potentially deadly bloodborne pathogens. Unfortunately, injuries are still occurring too often. This overview covers regulations related to needle safety and bloodborne pathogens, including strategies for compliance and safe handling of sharps.
COM	Catheter Occlusion Management	Early recognition and prevention of catheter occlusion. Review various procedures and techniques for clearance of occlusions with and without the use of Thrombolytic Agents. <i>Cathflo/Activase (alteplase)</i>
DC	Dressing Changes	IV dressings run the entire spectrum from simple adhesive bandages to sterile, specialized, semipermeable membranes. Several types of acceptable dressing materials exist, and each has a specific use. Some controversy exists as to whether ointments should be incorporated under dressings, whether dressing changes require gloves, and what the intervals of change should be. On completing this program, we will have reviewed many of the dressings used and available on the market today. Instructor will demonstrate a dressing change, securement devices, needleless connector changes, flushing. If individual return demonstration by participants is required, the program should be scheduled for 3 to 4 hours.
ASMD	Guidelines for Administration of Selected Medication and Documentation	Overview of safe administration and monitoring of individual medications. <i>(Requested by pharmacy/facility)</i> Appropriate physician order and documentation of administration. Monitoring for adverse effects and/or complications related to the venous access device.
ICPC	Infection Control & Possible Complications in Infusion	The goal of this program is to review the "Ten warning signals of complications" associated with IV Therapy. Review signs and symptoms of catheter related infection, discussion of causes, steps in prevention, and strategies for management when complications do arise.
AAM	IV Antibiotics - Administration & Monitoring	Review the guidelines for proper administration of intravenous antibiotics. Review adverse effects and related complications. Discuss strategies for monitoring and prevention.
IVP	IV Pump	There are a variety of pumps used for IV infusion. This in-service will review guidelines for safely using an infusion pump, help the participants understand, program and trouble shoot the pump their facility is using. <i>(Either continues, piggyback, antibiotic and/or pain management)</i> Arrangements may be made, at the pharmacy and/or facilities request for the instructor to cover and demonstrate the use and programming of a specific infusion devices. <i>(If the instructor is provided with a copy of the device manual in advance.</i>

LIRVA	Legal Issues Related to Vascular Access	Infusion therapies are being delivered in many healthcare settings. Nurses who infuse medications must be properly educated to recognize vascular access complications and initiate the proper interventions. This course discusses the high-risk areas of nursing malpractice related to infusion therapies and common legal issues related to vascular access and medication administration.
MPCMR	Midline/PICC Care & Maintenance Review	Review procedures related to the care and maintenance of Central Vascular Access Devices (CVAD). Discuss the difference between Midline and PICC's and the various types of Midline and PICC's . Monitoring parameters for central intravenous sites depends on the type of vascular access device used. Covers various types of vascular access devices that are available, their placement, care, maintenance, patient monitoring and OSHA standards. Instructor will demonstrate a dressing change, securement devices, needleless connector changes, flushing. If individual return demonstration by participants is required, the program should be scheduled for 3 to 4 hours.
MPR	Midline/PICC Removal	Review proper technique for removal of midline and PICC's with overview of complications and strategies for management prevention. Review post line removal with measurement and proper documentation. Instructor demonstration of site and line culturing.
PCP	Phlebotomy - Central and Peripheral	Review various types of vascular access. Discuss guideline procedures related to blood sampling from Central and Peripheral lines for laboratory testing and related complications. Instructor demonstration of syringe and Vacutainer method. If individual return demonstration by participants is required, the program should be scheduled for 3 to 4 hours.
PORT	Port Access - A Basic Overview (Implanted Venous Access Devices - Access, Care & Maintenance)	A Port-A-Cath is an implantable port device, which is positioned completely under the skin and inserted into the subclavian vein to avoid the need for repeated venipuncture or cannulation. It is used for certain patient, not all, who may require regular drug administration, such as chemotherapy and/or TPN often as an inpatient. This in-service discusses how port-a-cath's are inserted, difference between Port-a-caths and pass-ports, how it's used, care and maintenance, dressing changes, possible complications and what to watch for.
PPF	Positive Pressure Flushing	Flushing an IV is important in maintaining the patency of an IV line. Adequate flushing is the most important factor in preventing blood, fibrin, and drug precipitates from building up and causing occlusions. This in-service discussing the recommended push/pause flushing technique, rather than even syringe pressure, to create a turbulent flow. It covers how to maintain patency of intravenous lines between repeated therapeutic procedures. Heparin vs Saline advantages and disadvantages. What type of syringe and what PSI is recommended.
PPPL	Prevention of Patient Pulling Lines	Discussion of various methods of securing a catheter to prevent lines from being accidentally pulling out by patient and/or staff. Discuss various ideas associated with preventing those patients who play with their lines and/or pull at them. Review the various equipment that will help stabilize and better secure the line and to help prevent lines from becoming dislodged, broken off or pulled out.
IVSS	Site Selection	Prior to the initiation of IV therapy, there are several nursing assessments and interventions that should take place. The site selected should provide the most appropriate access for the fluid and/or medication ordered, while taking into consideration the interest of the patient's physical comfort. This in-service gives a review of site selection and techniques. Discussion of site monitoring and how to deal with and care for infiltration and common complications of IV therapy.
SQ	Subcutaneous Hydration (Hypodermoclysis)	Hypodermoclysis is the infusion of fluids into the subcutaneous tissue. This technique may be used for isotonic fluid replacement and to administer narcotic analgesics. This review discusses the procedure in treating the elderly patients with dehydration and/or needing pain control management when other alternatives are not available. Review and discussion of indications, adverse effects and perspectives. Hypodermoclysis therapy is a safe and effective method to provide fluids and narcotic analgesic therapy in elderly patients that are mild and moderate dehydrated.
TPN	Total Parenteral Nutrition	Review guidelines for TPN administration, monitor patient, review possible complications associated with TPN infusion and prevention strategies. TPN is intravenously administered to a patient through a central venous access device. It

		is never administered through any other type of intravenous access. This means it cannot be administered through peripheral venous access devices such as a heparin lock, saline lock, or through a Midline. Instructor will reviews common additives, possible complications, common questions and answers a long with Do's and Don'ts guidelines for patient safety.
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Various brands/types of supplies are used during programs and inservices. However there is no guarantee we use the same brand/type as the facility unless prior arrangements have been made. Subject to a separate fee for specially ordered supplies (*if outside of what our IV team normally uses*).

IVNC offers training outside of Washington and Oregon. To bring a program to your location contact our educational representative at 1 (888) 475-6298