



### Course Schedule\*

#### DAY 1 THURSDAY

8:30-9:00 Registration  
 9:00-9:20 Introduction, History and rationale for IV therapy. Seminar outline  
 9:20-10:15 Laboratory Test Considerations  
 10:15-10:30 Exhibitor Break  
 10:30-11:30 Fluid balance assessment  
 11:30-12:30 Complications of IV therapy  
 12:30-2:00 Lunch break  
 2:00-3:00 Emergency protocols reactions, cardiac, respiratory, etc.  
 3:00-4:00 Parenteral Vitamins and Minerals  
 4:00-4:15 Exhibitor Break  
 4:15-4:45 Documentation of IV therapy  
 4:45-5:30 Vein considerations and site selections

#### DAY 2 FRIDAY

9:00- 10:00 Equipment: IV bottles and bags, IV sets.  
 10:00-10:45 Set up procedures  
 10:45-11:30 Exhibitor Break  
 11:30-12:30 Pharmacology of IV vitamins and minerals  
 12:30-2:00 Lunch  
 2:00-3:30 Practical demonstration and IV practice  
 3:30-4:00 Exhibitor Break  
 4:00-6:00 Practical demonstration and IV practice

#### DAY 3 SATURDAY

9:00-10:45 Amino Acids  
 10:45-11:15 Exhibitor Break  
 11:15-11:30 Lipoic Acid  
 11:30-12:30 Hydrogen peroxide, botanical extracts, homeopathic injections  
 12:30-2:00 Lunch break  
 2:00-3:00 DMSO, MSM, Phosphatidylcholine  
 3:00-3:30 Exhibitor Break  
 3:30-5:30 IV practice  
 5:30-6:00 Review for written exam / question and answer

#### DAY 4 SUNDAY

9:00-10:00 IV Protocols: Incorporating vitamins, minerals, amino acids, glandular extracts and botanicals into intravenous protocols.  
 10:00-11:00 Written Examination  
 11:00- 12:00 Pharmacy of parenteral pharmaceuticals  
 12:00-1:30 Lunch  
 1:30-5:00 Practice and practical exam

\*schedule subject to change upon discretion of event

requirements  
 Fee Schedule

**Before Application Deadline September 17, 2010 : After application deadline add \$100.00 to your fee \$895.00 for AANP members and NDs who are members of their state Association.**

\$995.00 for MDs, NDs and other medical professionals  
 \$675.00 for Residents, 1st year Physicians, Students, Residents (ID Required), RN  
**Refresher:** \$495.00 for days One and Two \$495.00 for days Three and Four  
 First year Physicians, Students and Residents: \$295.00 (day three & four only with proof of fundamental IV education at an accredited college or university).

Registration:

<https://www.regonline.com/fundamentalsclinicalapplications>

### Registration Reminders

Please register on time in order to get early registration course fee. There will be no exceptions to the late registration fee.

IV nutrient therapy supports conditions such as fibromyalgia, chronic fatigue syndrome, cancer, autoimmune disease, Lyme disease, chronic pain, IBS, PMS, infections (bacterial, viral, fungal), heavy metal toxicity, hypertension, atherosclerosis and many more.

Instructors for this seminar are:  
 Dan Carter, ND; Virginia Osborne, ND,  
 Paul Anderson, ND

Learn the most effective and current application of Parenteral (IV) Micronutrients: Vitamins, Minerals, Amino Acids, Botanical Extracts, Hydrogen Peroxide, DMSO, MSM, Lipoic Acid and Phosphatidylcholine.

IV Nutritional Therapy for Physicians (IVNTP) has presented seminars in Arizona, California, Connecticut, Hawaii, New Hampshire, Oregon, Washington and Ontario, Canada. Our instructors have between 9 and 14 years teaching experience and the combined IV administration experience is in excess of 40 years.



For additional information regarding IVNTP please visit: [www.ivnutritionaltherapy.com](http://www.ivnutritionaltherapy.com)

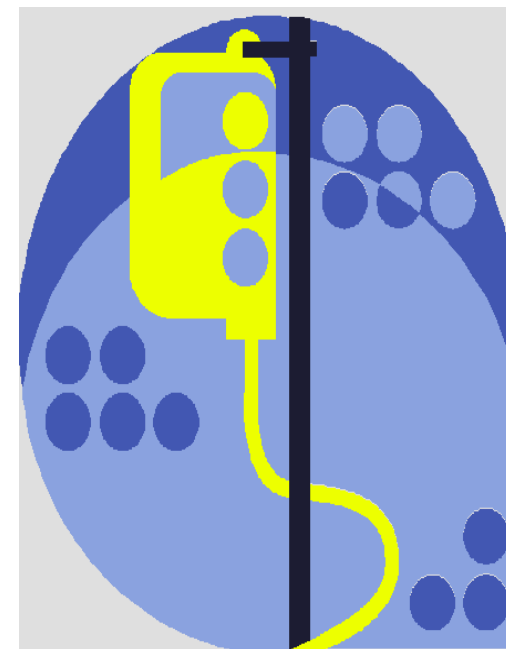
Our 4-day advanced seminar is designed for Naturopathic Doctors, Medi-

cal Doctors, Osteopathic Doctors, Registered Nurses, Medical Students and other interested medical professionals who have already been trained in the fundamentals of IV Nutrient Therapies.

Continuing Medical Education Credit  
This two day workshop is approved for 28 hours of CE credit for Naturopathic Physicians

Questions or Concerns?  
Contact Dr Virginia Osborne - 503-805-3438  
Email: [ivnutritionaltherapy@gmail.com](mailto:ivnutritionaltherapy@gmail.com)  
Dr Dan Carter - 406-586-2392  
Email: [drdc001@gmail.com](mailto:drdc001@gmail.com)

IV Nutritional Therapy for  
Physicians



## Fundamentals and Clinical Applications of IV Nutrient Therapy

September 23-26, 2010

### Venue

**Residence Inn by Marriott  
Portland-Downtown at RiverPlace**

2115 SW River Parkway

Portland, OR 97201

Phone: 1-503-552-9500

Fax: 1-503-552-9600