

**Atlanta, Georgia**

**November 2, 3, 4 – 2018**

**Advanced IV Therapy – Strategies for Acute and Chronic Infectious, Immune and Inflammatory Diseases**

**16 CE Contact Hours**

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**FRIDAY AFTERNOON - 4 Hours [CE] - 1:00 PM to 5:30 PM**

1:00 – 2:00

-- Patient Assessment and Safety

- Lab Considerations
- Key exam findings

-- IV Compounding rule updates

- In office compounding
- FDA – USP Rules

-- IV Access rule updates

- Site preparation
- Central Lines

BREAK 3:00 – 3:30

3:30 – 5:30

-- IV Nutrient Pharmacology and dosing

- Updated review of selected nutrient pharmacology
- Safe uses of those nutrients in altering IV formulas

**SATURDAY – 7 hours [CE] 9:00 AM to 6:00 PM**

9:00 – 10:30

-- Advanced uses of special products:

- ALA
- PolyMVA
- DMSO
- Phospholipids

10:30 – 11:00

-- “Special Products” Case discussion and Q&A

BREAK 11:00 – 11:30

11:30 – 1:30

-- Specific Botanicals:

- Glycyrrhiza
- Artesunate
- Curcumin
- Quercetin

LUNCH 1:30 – 2:30

2:30 – 4:00

-- Oxidative Therapies:

- H<sub>2</sub>O<sub>2</sub>
- Ozone

BREAK 4:00 – 4:30

4:30 – 6:00

-- IV Vitamin C in Infections and Sepsis

-- UV and Light Therapies

-- Q&A

## **SUNDAY – 5 Hours [CE] 9:00 AM to 4:00 PM**

9:00 – 11:00

High Dose IV Vitamin C

- Safety and lab assessment
- Protocol evolution through time
- Case series outcomes from the NIH trial
- Personal insights from 40+ combined years of clinical HDIVC use
  - Dose ranges
  - Sequencing with other therapies
  - Safety with standard of care therapies

BREAK 11:00 – 11:30

11:30 – 1:00

Other Nutrient Therapies and Protocol Discussion

- Other nutrients of note in IV therapy for the chronically ill

- Quality of life / Custom Hydration
- Neurological healing

LUNCH 1:00 – 2:00

2:00 – 4:00 PM

- Cases and Q&A
- IV Protocols and discussion