



Thursday, March 11

Griffis Faculty Club, 68th and York

Introduction to Extracorporeal Treatment

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| Overview and Introduction | Cathy Langston | 8:00 am |
| Techniques in Intermittent Hemodialysis | Gilad Segev | |
| Outcome Prediction of Acute Uremia in Dogs and Cats | Gilad Segev | |
| Techniques in CRRT | Mark Acierno | |
| Break | | 9:45 am |
| Hemodialysis and Hemoperfusion in Intoxications | Larry Cowgill | |
| Apheresis in Veterinary Medicine | Reid Groman | |
| Apheresis Case Presentation | Larry Cowgill | |
| Lunch and Debate: IHD versus CRRT | | 12:15 pm |
| Vascular Access | Thierry Francey | 1:30 pm |
| Indications for Renal Replacement Therapy | Cathy Langston | |
| Break | | 3:20 pm |
| Prescriptions: Intermittent Hemodialysis and CRRT | Cathy Langston | |
| Dialysis Complications | Sheri Ross | |
| Wine Reception | | 6:30 pm |

Friday, March 12

Griffis Faculty Club, 68th and York

Urea Kinetics and Anticoagulation

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| Veterinary Perspective of Dialysis Dose | Larry Cowgill | 8:00 am |
| Biophysics of therapeutic dialysis: Basic principles of diffusion, convection, clearance, and Kt/V | Thomas Depner | |
| Prescription and adequacy of hemodialysis | Thomas Depner | |
| Break | | 10:00 am |
| Optimizing hemodialysis: clinical trials, guidelines, the future | Thomas Depner | |
| Lunch on your own | | 12:30 pm |
| The Cell-based Model of Anticoagulation | Stephanie Smith | 1:30 pm |
| Uremic Coagulopathy | Stephanie Smith | |
| Activation of Coagulation in Extracorporeal Circuits | Stephanie Smith | |
| Break | | 2:45 pm |
| Anticoagulation in Extracorporeal Circulation: Drugs and Their Mechanisms of Action | Stephanie Smith | |
| Anticoagulation Protocols and Monitoring | Stephanie Smith | |
| Drugs to Prevent Thrombosis with Long-Term Vascular Access "No Heparin Hemodialysis" | Stephanie Smith Larry Cowgill | |



Advanced Renal Therapies Symposium 2010 Schedule

Saturday, March 13

Animal Medical Center, 510 E. 62nd Street

Laboratories

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| Placing Vascular Access | 7:30 am |
| Lab Session One | 8:00 am |
| Lab Session Two | 10:15 am |
| Lab Session Three | 1:00 pm |
| Lab Session Four | 3:15 pm |

Sunday, March 14

Animal Medical Center, 510 E. 62nd Street

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| Staging Patients with Acute Kidney Injury: A Proposal | Larry Cowgill | 8:00 am |
| Nutrition and Monitoring Nutrition in Dialysis Patients | Sheri Ross | |
| Hypertension | Larry Cowgill | |
| Break | | 9:50 am |
| Anemia of Kidney Disease | Serge Chalhoub | |
| Abstracts and Pearls | | |
| Veterinary Nephrology Community Announcements and Discussions | | |
| Adjourn Meeting | | 12:30 pm |

Laboratory Locations

Animal Medical Center, 510 E. 62nd Street

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| Vascular Access | 6 th floor |
| Hemodialysis Part 1: Clearance and Urea Kinetics | 3 rd floor, Hemodialysis |
| Hemodialysis Part 2: Blood Flow Issues – Catheter and Circuit | 3 rd floor, Hemodialysis |
| Hemodialysis Part 3: Compartments | 3 rd floor |
| CRRT Lab: Prisma | 6 th floor |
| CRRT Lab: PrismaFlex | 6 th floor |
| Apheresis: Spectra Optia | 7 th floor |
| Sponsor Exhibits/Internet Access/Coffee | 5 th floor |