Thursday, February 23, 2017

7:00 am  Continental Breakfast

Plenary Session 8:00 am – 2:45 pm

8:00  Welcome and Introduction, David M. Ward, MD

ESSENTIALS AND UPDATES (Session 1)

8:10  Apheresis Therapies: Principles and Prescribing, David M. Ward, MD
8:50  Vascular Access Experiences and New Approaches, Amber P. Sanchez, MD
9:20  Top Ten Secrets of Trouble-Free Procedures, Rasheed A. Balogun, MBBS
9:45  Q&A
10:00  Refreshment Break

ESSENTIALS AND UPDATES (Session 2)

10:30  Therapeutic Cytapheresis: RBC Exchange and WBC Depletion, Jan C. Hofmann, MD
10:55  Updates in Transfusion Medicine, Patricia Kopko, MD
11:20  Apheresis in Pediatric Practice, Nadine M. Benador, MD
11:45  Q&A
12:00 pm  Lunch Break

ESSENTIALS AND UPDATES (Session 3)

1:15  Apheresis Insights from the Pharmacologist, Linda Awdishu, PharmD
1:40  Centrifuges, Circuits and Columns, David M. Ward, MD
2:05  Real-Time Presentation of Dynamic Apheresis Circuits, Larry Cowgill, DVM, Sheri Ross, DVM, PhD, and Isagani I. Marquez, Jr., RN, MSN
2:30  Q&A
2:45  Refreshment Break

Rotating Workshops 3:15 pm – 5:15 pm

These small group workshops will offer attendees a unique hands-on opportunity to study various techniques and machines used in therapeutic apheresis and learn about modalities that can be performed by different types of apheresis equipment, such as centrifugal machines, membrane separators, and selective plasma processing methods including photopheresis systems. All attendees will rotate through three 40-minute workshop sessions and will be provided with opportunities to address specific questions and practicalities. Workshop Session Topics:

- Centrifugal TPE and Cell Apheresis – Christina Anderson, RN, BSN and Richard Bandejas, BSN, RN
- Selective Apheresis and Photopheresis (ECP) – Lousany Abero, BSN, RN, Jerel Malong, RN, and Andrew Gayap, RN
- Membrane Systems – Rasheed A. Balogun, MBBS and Judy Kauffman, DNP(c), MSN

5:15  Adjourn for the Day

5:45 pm  Workshop Open Session (Non-Accredited)
Friday, February 24, 2017

7:00 am  Continental Breakfast

7:00 - 7:45  BREAKFAST WITH THE EXPERTS
Optional Session [0.75 credits will be awarded for this session]
- Experts: David M. Ward, MD and Bruce Sachais, MD, PhD – Intensity and Duration of Plasma Exchange Therapy
- Experts: Amber P. Sanchez, MD and Nadine M. Benador, MD – Pediatric and Adult Applications Including Nephrology and Neurology
- Experts: Patricia Kopko, MD and Jill Adamski, MD, PhD – Hematology, Cell Apheresis and Blood Bank Issues
- Experts: Rasheed A. Balogun, MBBS, Jan C. Hofmann, MD and Judy Kauffman, DNP(c), MSN – Medical Director and Management of Hospital-Based and Mobile Apheresis Programs
- Experts: Yun Yang, RN, Su Han, BSN and Lindsay Palomino, BSN, RN – Accessing Patients for Procedures and Clinical Issues (Patient and Machine Issues)
- Experts: Christina Anderson, RN, BSN, Grace Testerman, RN and Sherlita Aguilar, BSN, RN – Clinical Aspects of Therapeutic Apheresis (Preparation and Managing Patients - Pre & Post Care)

Plenary Session 8:00 am – 12:00 pm

8:00  Announcements, David M. Ward, MD

ADVANCES (Session 1) – SPECIAL AND UPDATED APPLICATIONS

8:05  Indications and Advances in Extracorporeal Photopheresis (ECP), Jill Adamski, MD, PhD
8:35  LDL-Apheresis, Bruce Sachais, MD, PhD
9:10  ASFA Guidelines: The Updates, Rasheed A. Balogun, MBBS
9:45  Q&A
10:00  Refreshment Break

ADVANCES (Session 2) – PLASMA EXCHANGE IN PREGNANCY

10:30  Pre-Eclampsia: Pathogenesis and Plasmapheresis, Ravi I. Thadhani, MD, MPH
11:00  TTP and HELLP in Pregnancy, Jill Adamski, MD, PhD
11:25  Successful Management of Iso-Immunization Cases, Andrew D. Hull, MD
11:50  Q&A
12:00 pm  Lunch Break

Concurrent Sessions 1:15 pm – 3:30 pm

FRONTIERS IN APHERESIS SCIENCE
Chair: David M. Ward, MD

1:15  Apheresis Research: Challenges and Opportunities, Bruce Sachais, MD, PhD
1:45  Selective Removal of C-Reactive Protein (CRP): Clinical Advances, Steffen Mitzner, MD

EXPERTISE IN APHERESIS PRACTICE
Chair: Isagani I. Marquez, Jr., RN, MSN

1:15  Handling Apheresis Patients (Stem Cell, RBC, TPE), Christina Anderson, RN, BSN
1:45  Quality Improvements in Apheresis, Lindsay Palomino, RN, BSN
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>2:15</td>
<td>Immune-Mediated Postural Orthostatic Tachycardia Syndrome (iPOTS) as a New Indication for Plasmapheresis</td>
<td>Geoffrey L. Sheean, MBBS, MD</td>
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<td>2:15</td>
<td>Plasmapheresis Prescription of Modalities and Barriers</td>
<td>Jeffrey Rosenfeld, MD, PhD</td>
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<td>2:45</td>
<td>Exosomes and Metabolomics: Diagnostic and Therapeutic Opportunities</td>
<td>Robert K. Naviaux, MD, PhD</td>
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<td>2:45</td>
<td>A Patient’s Experience</td>
<td>Janel Cisneros, LVN</td>
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<td>3:15</td>
<td>Q&amp;A</td>
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Plenary Session 4:00 pm – 5:30 pm

ADVANCES (Session 3) – PLASMA EXCHANGE / REIMBURSEMENT

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<tr>
<th>Time</th>
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<th>Presenter(s)</th>
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<tbody>
<tr>
<td>4:00</td>
<td>Apheresis for Renal Diseases and Vasculitis</td>
<td>Robyn Cunard, MD</td>
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<td>4:25</td>
<td>Treating CNS Inflammatory Diseases with TPE</td>
<td>Marcelo Matiello, MD</td>
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<td>4:50</td>
<td>Therapeutic Apheresis Coverage and Reimbursement: What’s New in 2017</td>
<td>Keith Berman MPH, MBA</td>
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<td>5:15</td>
<td>Q&amp;A</td>
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<td>5:30 pm</td>
<td>Adjourn for the Day</td>
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Saturday, February 25, 2017

7:00 am | Continental Breakfast

7:00 - 7:45 | BREAKFAST WITH THE EXPERTS

Optional Session [0.75 credits will be awarded for this session]
- Experts: Judy Kauffman, DNP(c), MSN and Lindsay Palomino, BSN, RN – Maintaining Nursing Competencies
- Experts: Christina Anderson, RN, BSN and Thuan Tran, BSN, RN – Techniques of RBC Exchange, WBC Depletion and WBC Collection
- Experts: Amber P. Sanchez, MD and Marcelo Matiello, MD – New and Updated Indications for TPE
- Experts: Jill Adamski, MD, PhD and Bruce Sachais, MD, PhD – Therapeutics Including LDL-Apheresis and Photopheresis
- Experts: Keith Berman MPH, MBA, Jan C. Hofmann, MD, and Anita Ihasz-Davis – Challenges in Reimbursement and Difficult Authorizations

Plenary Session 8:00 am – 12:30 pm

8:00  | Announcements, Amber P. Sanchez, MD

ADVANCES (Session 4) – CURRENT UPDATES AND NEW APPLICATIONS

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<tr>
<th>Time</th>
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<th>Presenter(s)</th>
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<tbody>
<tr>
<td>8:05</td>
<td>The Annual Apheresis Literature Review</td>
<td>Jan C. Hofmann, MD</td>
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<td>8:35</td>
<td>Experience with TPE for Zika-Related Guillain-Barre Syndrome</td>
<td>Marcelo Matiello, MD</td>
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<td>9:05</td>
<td>Q&amp;A</td>
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9:15  **Cases for the Experts (Discussion of Attendee Submitted Cases)**  
   Chair: Amber P. Sanchez, MD  
   Panel: Jill Adamski, MD, PhD, Nadine M. Benador, MD, Jan C. Hofmann, MD, Patricia Kopko, MD, Bruce Sachais, MD, PhD, David M. Ward, MD, and Isagani I. Marquez, Jr., RN, MSN

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<tr>
<td>10:00</td>
<td>Refreshment Break</td>
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<tr>
<td>10:30</td>
<td><em>Advances in Immune Cell Therapies</em>, Dan S. Kaufman, MD, PhD</td>
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<td>11:00</td>
<td><em>Current Trends in TPE for Organ Transplantation</em>, Mita M. Shah, MD</td>
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<td>11:30</td>
<td><em>Controversial Issues in Apheresis Practice</em>, Amber P. Sanchez, MD</td>
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<td>12:00 pm</td>
<td>Q&amp;A</td>
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<td>12:15</td>
<td><em>Closing Remarks</em>, Joachim H. Ix, MD, MAS, FASN</td>
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<td>12:30 pm</td>
<td>Final Adjournment</td>
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