### CATEGORY I MEETING CEUs FOR PERFUSION RELATED MEETINGS SELF DIRECTED CONTINUING EDUCATION (SDCEs) Begins Page 52 January 2018 – March 2023 (As approved) Updated March 31, 2023

## January 1, 2018

15 <sup>th</sup> Annual Winter Park Perfusion Conference Doc Phiroz Winter Park Colorado	1/07-1 Sun Tue	4.8	26.4 C Mon Wed	CEUs 7.2 7.2
39 <sup>th</sup> Annual Seminar of the American Academy of Cardiovascular Perfusion (AACP) American Academy of Cardiovascular Perfusion New Orleans, Louisiana <u>www.theaacp.com</u>	1/17-2 Wed Fri	3.6	42.0 <u>C</u> Thu Sat	<u>CEUs</u> 13.2 12.6
39 <sup>th</sup> Annual Seminar of the American Academy of Cardiovascular Perfusion (AACP) American Academy of Cardiovascular Perfusion New Orleans, Louisiana Webinar (Online only) <u>www.theaacp.com</u>	1/18-2 Thu Sat	20/18 12.0 11.4	34.8 <u>0</u> Fri	<u>EUs</u> 11.4
PerfWeb 1-TCD and Hyperkalemia – Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	1/20/1 Sat	8 5.0	5.0 CI	EUs
STS 54 <sup>th</sup> Annual Meeting Society of Thoracic Surgeons Fort Lauderdale, Florida <u>www.sts.org/meetings/calendar-of-events/sts-54th-</u>	Wed	0.0 9.5 4.8	31.7 C Sun Tue g.org	CEUs 8.7 9.5
PerfWeb 2-Perfusion Staffing – Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	2/07/1 Wed	8 2.5	2.5 CI	EUs
Perfusion International, LLC Alexandria, Louisiana (Online only)		2.5	2.5 CI 5.3 CI	

Meeting Location	Date	CEUs
2018 UAB ECLS Symposium University of Alabama at Birmingham Mountain Brook, Alabama <u>http://Uabmedicine.org/refercmoua</u>	2/16-17/18 Fri 8.1 b.edu/ECLS	16.5 CEUs Sat 8.4
21 <sup>st</sup> Annual Update on Pediatric and Congenital Cardiovascular Disease Children's Hospital of Philadelphia Scottsdale, Arizona <u>www.chop.cloud-cme.co</u>	2/21-25/18 Wed 11.0 Fri 11.1 Sun 3.3	45.40 CEUs Thurs 11.4 Sat 8.6
34 <sup>th</sup> Children's National Symposium: ECMO and the Advanced Therapies for Respiratory Failure Children's National and George Washington University School of Medicine Keystone, Colorado	2/25-3/1/18 Sun 7.8 Tue 7.8 Thu 2.4	30.6 CEUs Mon 7.8 Wed 4.8
PerfWeb 3-ECMO Usage – Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	2/27/18 Tue 2.5	2.5 CEUs
AATS Mechanical Circulatory Support Symposium 21 <sup>st</sup> Century State of the Art Treatment of Art Treatment of Advance Heart and Lung American Association for Thoracic Surgery Houston, Texas <u>www.aats.org/mcs</u>	3/08-09/18 Fri 9.2	15.80 CEUs Sat 6.6
PerfWeb 4-Check Lists: Do they actually Work? – Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	3/10/18 Sat 5.0	5.0 CEUs
Congenital Cardiac Anesthesia Society 2018 Annual Meeting Society for Pediatric Anesthesia and Congenital Cardiac Anesthesia Society Phoenix, Arizona	3/22/18 Thu 10.1	10.1 CEUs
http://www2.ccasociety.org/meetings/2	018winter/guid	<u>e</u>
AAHFN Advanced Heart Failure Symposium: From Diagnosis to Treatments American Association of Heart Failure Nurses Philadelphia, Pennsylvania <u>www.AAHFN.org</u>	3/23-24/18 Fri 7.8	15.9 CEUs Sat 8.1

PerfWeb 5-MRI, CT, and X-Ray Reading

3/24/18 5.0 CEUs

for the Perfusionist – Webcast Perfusion International, LLC Alexandria, Louisiana (Online Only) <u>www.PerfWeb.US</u>	Sat	5.0		
Sanibel Symposium, General Session Perfusion.com, Inc. Fort Myers, Florida <u>http://www.perfusion.com/sym</u>	4/04-( Wed Fri posium	11.9 9.2	40.1 Cl Thu Sat	EUs 10.7 8.3
Sanibel Symposium LIVE Webcast Session Perfusion.com, Inc. Fort Myers, Florida <u>http://www.perfusion.com/sym</u>	4/04-0 Wed Fri posium	11.9 9.2	40.1 Cl Thu Sat	EUs 10.7 8.3
PerfWeb 6-Cardioplegia and ECMO Pt. Selection: It really matters – Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) www.PerfWeb.US	4/05/1 Thu	18 2.6	2.6 CE	Us
Wisconsin Perfusion Society 25 <sup>th</sup> Annual Spring Educational Wisconsin Perfusion Society Madison, Wisconsin <u>www.wisperfusion.org</u>	4/06-0 Fri Sun	08/18 5.1 6.0	21.3 Cl Sat	EUs 10.2
Multi-Disciplinary Master Class in Endocarditis Cleveland Clinic Heart and Vascular Institute Cleveland, Ohio <u>www.ccfme.org/Endocarit</u>	4/11-2 Wed Fri is18	13/18 0.0 9.0	17.3 Cl Thu	EUs 8.3
PerfWeb 7-Advancement in Extracorporeal Technologies and Future of Perfusion- Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	4/12/1 Thu	18 2.6	2.6 CE	Us
Pennsylvania State Perfusion Society-Spring Conference 2018 Pennsylvania State Perfusion Society Pittsburgh, Pennsylvania	4/20-2 Fri Sun	22/18 3.6 5.1	18.6 C Sat	EUs 9.9
UPMC Procirca Adult ECMO Training Course UPMC Procirca and University of Pittsburgh School of Medicine Center for Continuing Education in the Health Science Pittsburgh, Pennsylvania	4/25-2 Wed Fri	28/18 8.1 7.4	27.5 Cl Thu Sat	EUs 7.2 4.8
56 <sup>th</sup> International AmSECT Conference American Society of ExtraCorporeal Technology	4/27-5 Fri	5/1/18 8.1	46.1 Cl Sat	EUs 10.1

CEUs	5
	CEUs

San Diego, California	Sun Tue	8.7 8.7	Mon	10.5
http://www.amsect.org/page/International-Con	nference	e-Event-	Agenda	<u>L</u>
2018 New England Perfusion Symposium Connecticut Society of Perfusion & Massachusetts Society of Perfusion Newport, Rhode Island	4/28/1 Sat	18 9.6	9.6 CI	EUs
http://ctperf.com				
Autologous Blood Therapy Short Course (ABTC) PRFUZN, Inc. Pearl, Mississippi PRFUZN@bellsouth.ne	4/28-2 Sat	29/18 12.0	18.0 C Sun	CEUs 6.0
<u>I RI OZIVE OCHSOUH</u>	<u>, , , , , , , , , , , , , , , , , , , </u>			
UNMC Clinical Perfusion Research Defense University of Nebraska Medical Center Omaha, Nebraska	5/3/18 Thu	3 4.5	4.5 CI	EUs
https://www.unmc.edu/alliedhealth/educat	tion/cpe	/index.l	<u>ntml</u>	
14 <sup>th</sup> International Conference on Pediatric Mechanical Circulatory Support Systems & Pediatric Cardiopulmonary Perfusion Children's Hospital of Chicago (CHC) Chicago, Illinois	5/03-0 Thu	04/18 8.6	17.7 C Fri	CEUs 9.1
https://www.ispmcs.org/annual-c	onferen	<u>.ce/</u>		
2018 Mid-Atlantic VAD and ECMO Symposium (MAVES) Maryland State Perfusion Society Baltimore, Maryland <u>https://mdperfusion.com</u>	5/05/1 Sat	18 10.0	10.0 C	CEUs
PerfWeb 9-Nutrition and Disease—Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) www.PerWeb.US	5/10/1 Thu	18 2.5	2.5 CI	EUs
Penn Medicine Adult ECMO Symposium 2018 Perelman School of Medicine at the University of Pennsylvania Philadelphia, Pennsylvania <u>www.penncmeonline.co</u>	Fri	12/18 10.4	17.6 C Sat	CEUs 7.2
Autotransfusion in Clinical Practice: Advancing Blood Management Practices in the Whole Hospital Pfiedler Enterprises	5/16/1 Wed	18 9.1	9.1 CI	EUs

Houston, Texas

#### www.pfiedlerenterprises.com

28th Annual Specialist Education in Extracorporeal Membrane Oxygenation (SEECMO) Indiana University Health Methodist Hospital and Riley Hospital for Children Indianapolis, Indiana	5/18-2 Fri Sun	20/18 9.4 5.0	18.4 ( Sat	CEUs 4.0
7 <sup>th</sup> EuroELSO Congress on ECMO-ECLS Congress Secretariat, Guarant International Prague, Czech Republic http://www.prague-euroelso20	5/23-2 Wed Fri	7.2 9.0	30.3 ( Thu Sat	CEUs 9.3 4.8
<u>mtp.//www.prague-euroersoze</u>	<u>//ð.com</u>			
Augusta University Cardiac Symposium Augusta University Medical Center Savannah, Georgia	5/30-6 Thu Sat	5/02/18 1.5 9.6	21.9 ( Fri	CEUs 10.8
http://www.augusta.edu/mcg/surgery/cardiothora	<u>acic/perf</u>	usion-sy	ymposi	<u>um/</u>
23 <sup>rd</sup> Annual Missouri Perfusion Meeting The Missouri Perfusion Society Kansas City, Missouri	6/01-0 Fri	)2/18 8.0	16.0 ( Sat	CEUs 8.0
www.missouriperfusion.c	<u>com</u>			
THI Perfusion Conference June 2018 Texas Heart Institute Houston, Texas <u>www.texasheart.org/perfc</u>	6/07-0 Thu Sat	09/18 2.4 6.9	19.2 ( Fri	CEUs 9.9
2019 CCCD Wastern Dation Martin	C/00_1	10/10	24 6 4	OFU.
2018 CSCP Western Region Meeting Canadian Society of Clinical Perfusion Edmonton, Alberta, Canada	6/08-1 Fri Sun	9.9 3.9	24.6 ( Sat	10.8
http://www.cscp.ca/Professionals/Events/We	estern-R	egion-M	leeting	
PerfWeb 10-AngioVac—Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerWeb.US</u>	6/09/1 Sat	18 5.0	5.0 C	EUs
	C/10		01 7	ODU
ASAIO 64 <sup>th</sup> Annual Conference American Society of Artificial Internal Organs Washington, DC <u>www.asaio.com</u>	6/13-1 Wed Fri	16/18 10.7 7.8	31.7 ( Thu Sat	8.1 5.1
The New Orleans Conference 2018	6/27-3	30/18	22.5	CEUs
Perfusion International, LLC New Orleans, Louisiana <u>http://TheNewOrleansConfere</u>	Wed Fri	9.9 3.6	Thu Sat	5.1 3.9

Meeting Location	Date	CEUs
<i>The New Orleans Conference 2018 Webinar</i> Perfusion International, LLC New Orleans, Louisiana (Online only) <u>http://TheNewOrleansConfern</u>	6/27-30/18 Wed 9.9 Fri 3.6	22.5 CEUs Thu 5.1 Sat 3.9
AATS Surgical Patient safety Course 2018 American Association for Thoracic Surgery Boston, Massachusetts www.aats.org/patientsafe	6/29-30/18 Fri 10.4	19.40 CEUs Sat 9.0
PerfWeb 11-CVVH/CRRT—Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) www.PerWeb.US	7/17/18 Tue 2.5	2.5 CEUs
PerfWeb 12-ECMO—Webcast Perfusion International, LLC Alexandria, Louisiana (Online only) www.PerWeb.US	7/19/18 Thu 2.5	2.5 CEUs
18 <sup>th</sup> Annual International Symposium on Congenital Heart Diseas & 6 <sup>th</sup> Scientific Meeting of the World Society for Pediatric and Congenital Heart Surgery Johns Hopkins All Children's Hospital Orlando, Florida <u>www.wspchs2018.c</u>	Sun         8.7           Tue         6.0           Thu         3.6	31.5 CEUs Mon 6.9 Wed 6.3
10 <sup>th</sup> Annual Neonatal and Pediatric ECMO Education Conference Children's Hospital of Pittsburgh of UPMC Pittsburgh, Pennsylvania <u>http://www.chp.edu/health-care-professionals</u>	Mon 8.7 Wed 5.5	Tue 10.2
Perfusion Downunder—The Winter Meeting LivaNova Queenstown, New Zealand <u>www.perfusiondownunder.</u>	8/09-11/18 Thu 3.0 Sat 7.2 <u>com</u>	21.3 CEUs Fri 11.1
Eighth Annual Michigan Perfusion Society Meeting Michigan Perfusion Society Thompsonville, Michigan	8/10-12/18 Fri 12.8 Sun 3.6	25.1 CEUs Sat 8.7
PerfWeb 13 Cerebral Embolic Protection Perfusion International, LLC Alexandria, Louisiana (Online only) www.PerfWeb.US	8/14/18 Tue 2.6	2.6 CEUs

www.PerfWeb.US

Meeting Location	Date	CEUs
PerfWeb 14 Pros and Cons of State Licensure for Perfusion Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	8/16/18 Thu 2.6	2.6 CEUs
Autologous Blood Therapy Short Course (ABTC) PRFUZN, Inc. Pearl, Mississippi <u>PRFUZN@bellsouth.ne</u>	8/25-26/18 Sat 12.0	18.0 CEUs Sun 6.0
Brano Heart Failure Forum BRANO Colleagues Zagreb, Croatia <u>www.brando-hff.org</u>	9/05-08/18 Wed 10.1 Fri 9.3	31.1 CEUs Thu 9.0 Sat 2.7
38 <sup>th</sup> Annual Cardiothoracic Surgery Symposium (CREF 2018) The Institute for Medical Studies (IMS) and Aligned Management Associates, Inc. San Diego, California https://www.crefmeeting.c	9/06-09/18 Thu 9.3 Sat 11.0	40.1 CEUs Fri 13.2 Sun 6.6
PerfWeb 15 Charting Perfusion International. LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	9/11/18 Tue 2.5	2.5 CEUs
SABM 2018 Annual Meeting: Bridging the World Through Patient Blood Management Partnerships Society for the Advancement of Blood Management Brooklyn, New York	9/12-15/18 Wed 10.6 Fri 9.7	32.9 CEUs Thu 5.7 Sat 6.9
PerfWeb 16 TAVR and Complex Cases Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	9/13/18 Thu 2.5	2.5 CEUs
Case Reports in the Sun (CRITS 2018) Florida Perfusion Society Hollywood Beach, Florida <u>www.floridaperfusion.or</u>	9/13-15/18 Thu 12.0 Sat 9.4	32.4 CEUs Fri 11.0
Case Reports in the Sun (CRITS 2018) Webinar Florida Perfusion Society Hollywood Beach, Florida <u>www.floridaperfusion.or</u>	9/13-15/18 Thu 12.0 Sat 10.4	34.4 CEUs Fri 12.0
29 <sup>th</sup> Annual Extracorporeal Life Support Organization () 9/13-1 7	17/18 30.78	S CEUs

Meeting Location	Date	CEUs
<i>Conference</i> Extracorporeal Life Support Organization (ELSO) Scottsdale, Arizona <u>www.elso.org</u>	Thu4.7Sat3.9Mon5.7	Fri 5.6 Sun 10.88
Advances in Quality & Outcomes: A Data Managers Meeting The Society of Thoracic Surgeons & Corexcel Hollywood, California <u>https://www.sts.org/sites/default/files/documents/2018</u>	9/26-28/18 Wed 8.4 Fri 8.3 AQO_Premlina	25.3 CEUs Thu 8.6 ary_Agenda_1.pdf
Advances in Pediatric and Congenital Heart Summit: Atrial Isomerism – The Road to Survival Cleveland Clinic/Cleveland Clinic Children's Akron Children's Hospital Cleveland, Ohio www.ccfcme.org/pediatriche	9/27-29/18 Thu 10.1 Sat 5.2	23.9 CEUs Fri 8.6
www.ccreme.org/peuratricite		
The Extracorporeal Life Support Symposium The Ohio State University Wexner Medical Center Columbus, Ohio	9/28/18 Fri 5.8	5.8 CEUs
https://wexnermedical.osu.edu/~/media/Images/WexnerMedical/H P1/ECMOAgenda.pdf		rown/ROSS20180065COM
Harvard/MGH Short Term Mechanical Support Heart and Lung Symposium Massachusetts General Hospital Boston, Massachusetts	9/28-29/18 Fri 7.6	15.0 CEUs Sat 7.4
https://www.phscpd.org/activities	ctivity-detail/	
Ontario Society of Clinical Perfusion (OSCP) Annual General Meeting and Scientific Sessions Ontario Society of Clinical Perfusion Markham, Ontario	9/28-29/18 Fri 4.2	16.5 CEUs Sat 12.3
PerfWeb 17 Pediatric Perfusion Refresher for the Adult Perfusionist Perfusion International, LLC Alexandria, Louisiana (Online only)	10/02/18 Tue 2.5	2.5 CEUs
<u>www.PerfWeb.U</u>	<u>5</u>	
PerfWeb 18 Multi Camera View of Pump, Hemodynamic Monitors and Surgery Perfusion International, LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	10/04/18 Thu 2.5	2.5 CEUs
AmSECT Pediatric Perfusion Conference	10/04-06/18	23.0 CEUs

Meeting Location	Date	CEUs
American Society of ExtraCorporeal Technology Miami, Florida <u>http://www.amsect.org/p/cm/ld/f</u>	Thu 8.1 Sat 7.4 <u>iid=1604</u>	Fri 7.5
15 <sup>th</sup> Annual Multidisciplinary Cardiovascular and Thoracic Critical Care Conference The Society of Thoracic Surgeons Washington, DC	10/04-06/18 Thu 10.3 Sat 4.7	22.5 CEUs Fri 7.5
https://www.sts.org/meetings/calendar-of-events/15th-ann thoracic-critical-care-confere		<u>biinary-cardiovascular-and-</u>
Pennsylvania State Perfusion Society-Fall Conference 2018 Pennsylvania State Perfusion Society King of Prussia, Pennsylvania <u>www.pennperf.org</u>	10/05-07/18 Fri 3.6 Sun 4.2	16.2 CEUS Sat 8.4
23rd Annual Illinois State Perfusion Society Scientific Conference Illinois State Perfusion Society Oak Brook Illinois www.illinoisperfusion.or	Fri 3.5	17.9 CEUs Sat 14.4
1 <sup>st</sup> Annual Shock Symposium: Meds vs. Machines Hartford Healthcare Heart & Vascular Institute Rocky Hill, Connecticut www.hartfordhospital.org/e	10/11-12/18 Thu 1.4	9.9 CEUs Fri 8.5
Cardiovascular Disease Management: A Case-Based Approach, 6 <sup>th</sup> Annual Symposium Promedica International CME Phoenix, Arizona https://promedicacme.com/symposium/cardiovascular-disease-m	10/11-12/18 Thu 6.6	14.7 CEUs Fri 8.1
<u>annual-symposium</u>		
I Congreso dela Asociación Latinoamericana de Perfusion Asociación Latinoamericana de Perfusion ALAP Bogotá, Colombia <u>www.eventosalap.com</u>	10/11-13/18 Thu 8.4 Sat 3.8	21.6 CEUs Fri 9.4
2018 Team SUNY Meeting SUNY Upstate Medical University Syracuse, New York	10/12-13/18 Fri 2.4 Sun 4.8	17.7 CEUs Sat 10.5
Baltimore Perfusion Conference 2018 Maryland State Perfusion Society, Inc. Baltimore, Maryland https://mdperfusion.com/ever	10/13-14/18 Sat 10.0	15.0 CEUs Sun 5.0
nups.//nupertusion.com/eve	/1103/	

Meeting Location	Date	CEUs
UPMC Procirca Adult ECMO Training Course UPMC Procirca and University of Pittsburgh School of Medical Center for Continuing Education in the Health Sciences Pittsburgh, Pennsylvania	10/17-20/18 Wed 8.1 Fri 7.8	28.2 CEUs Thu 6.3 Sat 6.0
Foundations of ECLS; Skills, Training, and Hands-on Management UK Gill Heart and Vascular Institute Lexington, Kentucky	10/19-20/18 Fri 7.4	12.2 CEUs Sat 4.8
https://www.cecentral.com	/live/15106	
CSCP Annual General Meeting and Scientific Sessions Canadian Society of Clinical Perfusion Toronto, Ontario, Canada <u>www.cscp.ca</u>	10/19-21/18 Fri 7.0 Sun 10.2	26.2 Sat 9.0
2018 North Carolina Society of Perfusionists Annual Educational Seminar Duke University Perfusion Department and the North Carolina Society of Perfusionists Charlotte, North Carolina	10/19-21/18 Fri 1.8 Sun 5.1	17.0 CEUs Sat 10.1
www.ncsocietyofperfusion	<u>ı.org</u>	
Autotranfusion in Clinical Practice: Advancing BloodManagement Practices in the whole HospitalPfiedler EducationHouston, Texaswww.pfiedlerenterprises.com	10/24/18 Wed 9.4	9.4 CEUs
2018 29 <sup>th</sup> Annual Cardiovascular Interventions Promedica International CME La Jolla, California <u>http://www.cvinterventions</u>	10/24-26/18 Wed 4.8 Fri 11.4	27.6 CEUs Thu 44.4
20 <sup>th</sup> Annual Update on Perfusion Conference Medical University of South Carolina Charleston, South Carolina <u>http://academicdepartments.musc.edu/chp/cvp</u>	10/25-27/18 Thu 1.2 Sat 9.3 p/conference/in	19.8 CEUs Fri 9.3 dex.htm
ECMO Specialist Essentials Training: Feeling Confident with ECMO Mechanics ECMO Life, LLC Raleigh, North Carolina	10/26/18 Fri 9.6	9.6 CEUs
www.ecmolife.com		
ECLS Team Symposium: Advancing ECLS in Our Region and Beyond	10/26-27/18 Fri 4.2	12.2 CEUs Sat 8.0

Date	CEUs
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University of Nebraska Medical Center Omaha, Nebraska <u>www.unmc.edu/ecmo</u>		
Nashville Perfusion Conference 2018 Perfusion University; HealthCare CEUs Nashville, Tennessee <u>http://healthcareceus.ne</u>	10/27/18 Sat 9.0	9.0 CEUs
Minnesota Perfusion Society's Annual Fall Cardiovascular Perfusion Practices and ECLS Meeting Minnesota Perfusion Society Bloomington, Minnesota <u>http://mnperfsoc.org/meetingpro</u>	11/02-04/18 Fri 9.0 Sun 3.9 gram.html	20.7 CEUs Sat 7.8
New York State Society of Perfusion (NYSSP) Annual Perfusion Symposium Plainview, New York	11/03/18 Sat 10.2	10.2 CEUs
PerfWeb 19 Novel Anticoagulants Perfusion International. LLC Alexandria, Louisiana (Online only) www.PerfWeb.US	11/13/18 Tue 2.5	2.5 CEUs
PerfWeb 20 Fluid Management and UF Perfusion International. LLC Alexandria, Louisiana (Online only) www.PerfWeb.US	11/15/18 Thu 2.5	2.5 CEUs
Controversies & Advances in the Treatment of Cardiovascular Diseases – The Eighteenth is the Series Promedica International Beverly Hills, California <u>http://www.controversiesinca</u>	11/15-16/18 Thu 10.8 ardiology.com/	19.32 Fri 8.52
UPMC Procirca Adult ECMO Training Course UPMC Procirca and University of Pittsburgh School of Medical Center for Continuing Education in the Health Sciences Pittsburgh, Pennsylvania	12/05-08/18 Wed 8.1 Fri 7.8	28.2 CEUs Thu 6.3 Sat 6.0
THI Perfusion Conference-Case Reports December 2018 THI School of Perfusion Technology Houston, Texas	12/06/18 Thu 4.4	4.4 CEUs

Meeting Location	Date	CEUs
PerfWeb 21: Understanding How TEG Works and Interpreting the Graphs Perfusion International. LLC Alexandria, Louisiana (Online only) <u>www.PerfWeb.US</u>	12/11/18 Tue 2.5	2.5 CEUs
Pediatric Cardiac Intensive Care Society 14 <sup>th</sup> Annual International Meeting PCICS and Cincinnati Children's Hospital Miami, Florida <u>https://www2.pcics.org/meeting/2018annual</u>	12/13-16/18 Thu 6.4 Sat 8.2	28.2 CEUs Fri 8.7 Sun 4.9 phtml
PerfWeb 22: Antegrade or Retrograde Isolated Cerebral Perfusion Perfusion International LLC Alexandria, Louisiana (Online Only) www.PerfWeb.US	12/18/18 Thu 2.5	2.5 CEUs
January 1, 2019		
16 <sup>th</sup> Annual Winter Park Perfusion Webinar Doc Phiroz Winter Park, Colorado	1/13-16/19 Sun 4.8 Tue 7.2	26.4 CEUs Mon 7.2 Wed 7.2
16 <sup>th</sup> Annual Winter Park Perfusion Conference Doc Phiroz Winter Park, Colorado	1/13-16/19 Sun 4.8 Tue 7.2	26.4 CEUs Mon 7.2 Wed 7.2
Society of Thoracic Surgeons 55 <sup>th</sup> Annual Meeting The Society of Thoracic Surgeons San Diego, California https://www.sts.org/meeting/calendar-of-events/	1/27-29/19 Sun 9.4 Tue 9.3 sts-55th-annua	28.0 CEUs Mon 9.3
Chicagoland Perfusion Foundation Meeting Chicagoland Perfusion Foundation Chicago, Illinois <u>https://www.luriechildrens.org/en/events/chicagoland-</u>	2/2/19 Sat 12.3	12.3 CEUs
22 <sup>nd</sup> Annual Update on Pediatric and Congenital Cardiovascular Disease: Effective Teams, Improving Outcomes Children's Hospital of Philadelphia Huntington Beach, California Chop.cloud-cme.com	2/13-17/19 Wed 11.0 Fri 6.0 Sun 5.7	43.1 CEUs Thu 11.1 Sat 9.3
Nebraska Perfusion Society Annual Meeting 2019 and Webinar Nebraska Perfusion Society Lincoln, Nebraska	2/16/19 Sat 6.3	6.3 CEUs
https://www.facebook.com/Heme 40th Annual Seminar of the American Academy of 12	<u>Perfusion/</u> 2/6-9/19	12.6 CEUs

Meeting Location	Dat	е	CEUs	
<i>Cardiovascular Perfusion Meeting</i> The American Academy of Cardiovascular Perfusion Palm Coast, Florida	Wed Fri	3.6 12.6	Thu Sat	15.6 12.6
http://www.theaacp.com/wp-content/uploads	/2018/1	2/Progr	<u>am.pdf</u>	
40th Annual Seminar of the American Academy of Cardiovascular Perfusion Webinar The American Academy of Cardiovascular Perfusion	2/7-9/ Thu Sat	19 12.6 12.6	12.6 C Fri	CEUs 12.6
Palm Coast, Florida www.theAACP.com				
5 <sup>th</sup> Annual Wild West Perfusion Conference Arizona State Perfusion Society Phoenix, Arizona	2/23/1 Sat	9 8.4	8.4 CI	EUs
www.azperfusion.com				
35 <sup>th</sup> Children's National Symposium: ECMO and the Advanced	2/24-2		31.2 C	
Therapies for Respiratory Failure Gary Oldenburg, MS, RRT-NPS; Children's National And George Washington University School of Medicine Keystone, Colorado	Sun Tue Thu	6.6 9.6 2.4	Mon Wed	7.8 4.8
Houston Annual Shock Symposium UTHealth	3/01-0 Fri	)3/19 4.2	18.5 C Sat	CEUs 10.1
Houston, Texas <u>https://med.uth.edu/cahf/houston-shoo</u>	Sun	4.2		
	<u>.K-Symp</u>	<u>IOSIUIII/</u>		
The Houston Aortic Symposium: Frontiers in Cardiovascular Diseases – The Twelfth in the Series	3/07-0 Thu		17.66 Fri	
Promedica International CME Houston, Texas	Sat	2.86	1,11	7.4
http://www.houstonaorticsympos	sium.com	<u>m/</u>		
57 <sup>th</sup> International Conference	3/07-1	0/10	31.6 C	TIL
American Society of ExtraCorporeal Technology	Thu	9.6	Fri	8.1
Nashville, Tennessee <u>http://www.amsect.org/p/cm/ld/</u>	Sat <u>fid=164</u>	9.9 <u>1</u>	Sun	4.0
Autotranfusion in Clinical Practice Meeting Pfiedler Education Houston, Texas	3/13/1 Wed		7.9 CI	EUs
Congenital Cardiac Anesthesia Society (CCAS) 2019 Annual Meeting Society for Pediatric Anesthesia/	3/14/1 Thu	9 11.2	11.2 C	CEUs

Congenital Cardiac Anesthesia Society Houston, Texas <u>http://www3.ccasociety.org/meeting/2019winter/g</u>	guide/pr	ogram/i	ndex.ip	<u>html</u>
PerfWeb 23: ECMO Part 1 and 2 MediWeb Alexandria, Louisiana (Online Only) www.PerfWeb.US	3/15- Fri	16/19 2.6	5.2 CI Sat	EUs 2.6
Wisconsin Perfusion Society 26 <sup>th</sup> Annual Spring Educational Meeting Wisconsin Perfusion Society Madison, Wisconsin https://www.wisperfus	3/22-2 Fri Sun	5.4 5.4	20.7 C Sat	CEUs 9.9
https://www.wisperius	<u>1011.01 g</u> /	-		
WSPS Spring 2019 Meeting Washington State Perfusion Society Seattle, Washington	3/23/2 Sat	19 5.4	5.4 CI	EUs
Sanibel Symposium General Sessions and Webinar Perfusion.com/Inc Fort Myers, Florida <u>http://www.perfusion.com/sym</u>	Wed Fri	06/19 11.9 9.2	40.1 C Thu Sat	CEUs 10.7 8.3
8 <sup>th</sup> EuroELSO Congress on ECMO-ECLS Congress Secretariat, Guarant International Barcelona, Spain <u>www.euroelso-congress.c</u>	4/10- Wed Fri om		29.7 C Thu Sat	CEUs 9.6 6.9
PerfWeb 24: ECMO Part 3 and 4 MediWeb Alexandria, Louisiana (Online Only) <u>www.PerfWeb.US</u>	4/12- Fri	13/19 2.6	5.2 Cl Sat	EUs 2.6
Pennsylvania State Perfusion Society - Spring Conference 2019 Pennsylvania State Perfusion Society Pittsburg, Pennsylvania	4/12- Fri Sun	14/19 4.5 4.2	19.5 C Sat	CEUs 10.8
UPMC Procirca Adult ECMO Training Course UPMC Procirca and University of Pittsburg school of Medical Center for Coninuing Education in the Health Science Pittsburg, Pennsylvania	5/01-( Wed Fri	04/19 7.8 7.0	27.7 C Thu Sat	CEUs 7.5 5.4
UNMC Clinical Perfusion Research Defense University of Nebraska Medical Center, Clinical Perfusion Education	5/02/2 Thu	19 3.5	3.5 CI	EUs

Meeting Location	Date	CEUs
Omaha, Nebraska		
29 <sup>th</sup> Annual Specialist Education in Extracorporeal Membrane Oxygenation Johns Hopkins All Children's Hospital St. Petersburg, Florida www.hopkinsallchildrens.or	5/03-05/19 Fri 8.4	21.6 CEUs Sat 9.0
www.nopkinsanchildrens.or	<u>g/cme</u>	
2019 Mid-Atlantic VAD and ECMO Symposium (MAVES) Maryland State Perfusion Society (MSPS) Baltimore, Maryland	5/04/19 Sat 10.0	10.0 CEUs
www.mdperfusion.com/22SGre	eneStreet	
AATS 99 <sup>th</sup> Annual Meeting - 2019 American Association for Thoracic Surgery Toronto, Ontario, Canada <u>https://aats.org/aatsimis/AATS/Events/AATS</u>	5/04-07/19 Sat 9.1 Mon 8.0 S99thAnnualM	31.6 CEUs Sun 9.1 Tue 5.4 eeting/
Adult ECMO Patient Management Webinar InvoSurg Middleton, MA (Online Only)	5/08/19 Wed 1.5	1.5 CEUs
https://zoom.us/webinar/register/WN_fsmQD	<u>f5zRnaHraujD</u>	mNt1A
15 <sup>th</sup> International Conference on Pediatric Mechanical Circulatory Support Systems and Pediatric Cardiopulmonary Perfusion PennState Hershey Pediatric Cardiovascular Research Center New York, New York	5/09-11/19 Thu 7.4 Sat 5.1	18.7 CEUs Fri 6.2
2019 The Team Approach to Cardiovascular Disease Saint Thomas Health Nashville, Tennessee <u>http://sthscme.com/content/live-c</u>	5/17-18/19 Fri 8.4 <u>onferences</u>	16.7 CEUs Sat 8.3
PerfWeb 25: Renal MediWeb Alexandria, Louisiana (Online Only) <u>www.PerfWeb.US</u>	5/24-25/19 Fri 2.0	4.6 CEUs Sat 2.6
2019 Palmetto State Perfusion Society Membership Drive And Meeting Palmetto State Perfusion Society Greenville, South Carolina <u>www.scperfusion.org</u>	6/01/19 Sat 2.4	2.4 CEUs
Graduate Clinical Perfusion Symposium *CANCELED* New Foundation for Perfusion Education and	6/01/19 Sat 10.2	10.0 CEUs

New York State Society of Perfusionists Plainview, New York				
24 <sup>th</sup> Annual Missouri Scientific Meeting Missouri Perfusion Society Chesterfield, Missouri <u>http://missouriperfusion.co</u>	6/07-0 Fri	)8/19 6.8	15.4 ( Sat	CEUs 8.6
	<u></u>			
THI Perfusion Conference June 2019 Texas Heart Institute Terry Crane Program Director Houston, Texas www.texasheart.org/perfc	6/07-0 Fri	)8/19 9.3	18.0 <b>(</b> Sat	CEUs 8.7
www.texasheart.org/perio	<u> </u>			
2019 Eastern Regional Spring Meeting Canadian Society of Clinical Perfusion (CSCP) St. Andrews New Brunswick, Canada <u>https://www.cscp.ca/events/region</u>	6/13-1 Thu Sat al-meet	2.4 8.4	26.7 ( Fri Sun	CEUs 12.0 3.9
		0/10	07.0	
ASAIO 65 <sup>th</sup> Annual Conference	6/26-2		27.3 (	
ASAIO Son Eronoisoo, Colifornio	Wed	11.4	Thu	8.1
San Francisco, California	Fri	4.5	Sat	3.3
www.asaio.com				
The New Orleans Conference	6/28-3	30/19	10.5 0	TFUs
MediWeb	Fri	2.6	Sat	5.4
Live, Interactive Webinar (Online Only)	1 11	Sun	2.5	5.1
www.PerfWeb.US				
Cannulation Strategies for ECMO Support:	7/17/1	9	1.2CE	EUs
A Perfusionist's Perspective	Wed	1.2		
AmSECT				
Live, Interactive Webinar		1 40 0		
http://www.amsect.org/p/cm			0.001	
PerfWeb 26: Removing unwanted intravascular material, Goal Directed Therapy and ARDS-VV ECMO	7/30-8		9.8CE	2Us 2.4
MediWeb	Tue Thu	4.8 2.6	Wed	2.4
Live, Interative Webinar (Online Only)	Inu	2.0		
www.PerfWeb.US				
Michigan Perfusion Society Annual Summer Conference	8/09-1		22.0 0	
Michigan Perfusion Society	Fri	8.8	Sat	9.0
Midland, Michigan	Sun	4.2		
	0/1 = 1	17/10	21.0.4	
Case Reports in the Sun	8/15-1 Thu		31.0 C	
Florida Perfusion Society Hollywood Beach, Florida	Thu Sat	10.0 9.8	Fri	11.2
nonywoou Deach, nonda	Sal	7.0		

www.floridaperfusion.org

Meeting Location	Date	CEUs
PerfWeb 27: ECMO, Hemodynamic Monitoring, TAVR/SAVR Updates MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.US</u>	8/29-31/19 Thu 1.8 Sat 2.1	5.7 CEUs Fri 1.8
Extracorporal Life Support Organization 2019 Annual Meeting Extracorporeal Life Support Organization Austin, Texas <u>http://www.cvent.com/events/30th-annual-elso-coc</u> <u>173a2a125b3f485b849c78bfa62d</u>		27.4 CEUs Fri 9.7 Sun 3.2 at-summary-
Strategies to Minimize Acute Kidney Injury During Cardiopulmonary Bypass Webinar InvoSurg – Live, Interactive Webinar <u>https://zoom.us/webinar/register/WN_Dn9ACf</u>	9/18/19 Wed 1.5 IJShmaVfaOuI	1.5 CEUs
12 <sup>th</sup> Branislav 'Brano' Radovancevic Heart Failure Forum Dr. Igor Gregoric Belgrade, Serbia <u>www.brano-hff.org</u>	9/18-21/19 Wed 9.7 Fri 9.3	31.9 CEUs Thu 9.6 Sat 3.3
PBM: A Central Focus for Patient Safety and Quality Care Society for the Advancement of Blood Management, Inc. Baltimore, Maryland	9/18-21/19 Wed 10.0 Fri 8.1	29.9 CEUs Thu 6.3 Sat 5.5
Augusta University Cardiovascular Symposium Bert Buckman, CCP Savannah, Georgia <u>www.augusta.edu/mcg/surgery/cardiothoracic</u>	9/19-21/19 Thu 1.5 Sat 8.4 :/perfusino-syr	20.70 CEUs Fri 10.8
PerfWeb 28: Controversies in Perfusion MediWeb Alexandria, Louisiana (Online Only) Live, Interactive Webinar <u>www.PerfWeb.US</u>	9/21/19 Sat 6.0	6.0CEUs
Circuit Selection and Design for ECMO Support Webinar American Society of ExtraCorporeal Technology (AmSEC Live, Interactive Webinar <u>http://www.amsect.org/p/cm/ld/</u>		1.2 CEUs Wed 1.2
16 <sup>th</sup> Annual Multidisciplinary Cardiovascular and Thoracic Critical Care Conference The Society of Thoracic Surgeons Baltimore, Maryland	9/26-28/19 Thu 6.0 Sat 6.6	21.8 CEUs Fri 9.7

https://www.sts.org/meetings/calendar-of-events/16th-and	nual-multidiscip	linary-cardiovascular-and-
thoracic-critical-care-conference		
https://www.sts.org/meetings/calendar-of-events/16th-annua		ary-cardiovascular-and-
thoracic-critical-care-confe	erence	
Ontario Society of Clinical Perfusion (OSCP) Fall 2019	10/4-5/19	14.7 CEUs.
Scientific Sessions	Fri 4.2	Sat 10.5
The Ontario Society of Clinical Perfusion		
Ingersoll, Ontario, Canada		
www.oscp.ca		
Penn/ELSO Symposium on ECMO and Temporary	10/4-6/19	21.2 CEUs
Circulatory Support 2019	Fri 8.6	Sat 8.4
Penn Medicine	Sun 4.2	Sur O.T
Philadelphia, Pennsylvania	5un 4.2	
https://upenn.cloud-cme.com/e	ecmo2019	
Pennsylvania State Perfusion Society – Fall Conference 2019	10/4-6/19	15.3 CEUs
Pennsylvania State Perfusion Society	Fri 2.0	Sat 8.1
Allentown, Pennsylvania	Sun 5.2	
https://pennferf.org/meeti	ings/	
39 <sup>th</sup> Annual Cardiothoracic Surgery Symposium (CREF 2019)	10/9-13/19	44.1 CEUs
The Institute for Medical Studies (IMS) and	Wed 6.0	Thu 9.3
Aligned Management Associates, INC.	Fri 12.6	Sat 12.6
San Diego, California	Sun 3.6	5at 12.0
https://www/crefmeeting.		
<u></u>	<u> </u>	
8 <sup>th</sup> Annual Joint Conference on Advances in Pediatric	10/11-13/19	18.2 CEUs
Cardiovascular Disease Management	Fri 2.5	Sat 10.5
New York-Presbyterian/Morgan Stanley Children's	Sun 5.2	
Hospital		
New York, New York		
www.ColumbiaSurgeryCN	<u>1E.org</u>	
Nashville Perfusion Conference	10/12/19	9.8 CEUs
Chad Smith	Sat 9.8	
Nashville, Tennessee	5at 9.0	
www.NashvillePerfusionConfe	rence.com	
Autotransfusion in Clinical Practice: Advancing Blood	10/16/19	8.7 CEUs
Management Practices in the Whole Hospital Meeting	Wed 8.7	
Pfiedler Education		
Houston, Texas		
19		

Congenitally Corrected Transposition of the Great Arteries: Management and Outcomes from Infancy to Adulthood Annual Advances in Pediatric and Congenital Heart Heart Summit Cleveland Clinic / Cleveland Clinic Children's / Akron Ch Cleveland, Ohio	10/17-19/19 Thu 11.6 Sat 4.6 hildren's Hospit	25.2 CEUs Fri 9.0
www.ccfcme.org/pediatriche	eart19	
24 <sup>th</sup> Annual Illinois State Perfusion Society Conference Illinois State Perfusion Society Oak Brook, Illinois www.illinoisperfusion.or	10/18-19/19 Fri 6.0	16.8 CEUs Sat 10.8
Harvard/MGH Short Term Mechanical Support Heart and Lung Symposium Mauricio Villavicencio, MD; Massachusetts General Hosp Boston, Massachusetts		16.1 CEUs Sat 7.9
www.phscpd.org/activites/activity-detail/mghshort-term-mechanic	cal-support-hea	rt-lung-symposium-2019
MED Symposium FACET Plano, Texas	10/19/19 Sat 6.0	6.0 CEUs
https://thefacet.org/conferences/	detail/19	
Advances in Quality and Outcomes: A Data Managers Meeting The Society of Thoracic Surgeons & Corexcel New Orleans, Louisiana https://www.sts.org/meetings/calendar-of-events/advances-qua	10/23-25/19 Wed 10.7 Fri 8.9 <u>dity-outcomes-</u>	28.4 CEUs Thu 8.8 data-managers-meetings
21 <sup>st</sup> Annual Update on Perfusion Conference Medical University of South Carolina (MUSC) Charleston, South Carolina <u>www.chp.musc.edu/cvpconfe</u>	10/24-26/19 Thu 1.2 Sat 8.7 erence	18.0 CEUs Fri 8.1
CSCP National Meeting and Scientific Sessions Canadian Society of Clinical Perfusion Montreal, Quebec, Canada <u>www.cscp.ca</u>	10/25-27/19 Fri 9.9 Sun 7.3	24.4 CEUs Sat 7.2
Autologous Blood Therapy Short Course (ABTC) PRFUZN, Inc. Pearl, Mississippi <u>PRFUZN@bellsouth.ne</u>	10/26-27/19 Sat 12.0	18.0 CEUs Sun 6.0
PerfWeb 29: ECMO Recirculation – VADS Incident Dark Field Imaging 19	10/28/19 Mon 2.8	2.8 CEUs

PerfWeb

Alexandria, Louisiana (Online Only)

www.PerfWeb.US

30 <sup>th</sup> Annual Cardiovascular Interventions Promedica International CME La Jolla, California <u>http://www.cvinterventions.</u>	Wed Fri	11/1/19 4.8 11.4	9 27.6 C Thu	CEUs 11.4
Foundation of ECLS; Skills, Training and Hands-on Management UK Gill Heart and Vascular Institute Lexington, Kentucky	Fri	/19 10.2	18.1 ( Sat	CEUs 7.9
https://www.cecentral.com/live	<u>/17106</u>			
2019 North Carolina Society of Perfusionists Annual Educational Seminar North Carolina Society of Perfusionists Durham, North Carolina <u>https://www.ncsocietyofperfusion.or</u>	11/1-3 Fri Sun g/confe	1.2 7.8	19.8 ( Sat	CEUs 10.8
UPMC Procirca Adult ECMO Training Course	11/6-9		29.2 0	
UPMC Procirca and University of Pittsburgh School of	Wed	8.1	Thu	7.5
Medicine Center for Continuing Education in the Health Sciences Pittsburgh, Pennsylvania	Fri	8.2	Sat	5.4
https://procirca.com/perfusion-services/comprehensiv	e-adult-	ecmo-t	<u>raining</u>	-course/
New York State Society of Perfusion Annual Perfusion Symposium New York State Society of Perfusionist Plainview, New York	11/9/1 Sat	9 10.2	10.2 0	CEUs
Controversies & Advances in the Treatment of Cardiovascular Disease, the 19 <sup>th</sup> in the Series	11/14- Thu	15/19	20.4 <b>(</b> Fri	CEUs 10.2
Promedica International Beverly Hills, California		10.2		10.2
http://www.controversiesincardio	logy.co	<u>m/</u>		
2019 ECMO and Mechanical Circulatory Support Symposium Lehigh Valley Health Network Lehigh Valley Health Institute Allentown, Pennsylvania	11/15- Fri	16/19 3.6	12.4 ( Sat	CEUs 8.8
PerfWeb 30: ECMO, AngioVac, & Electrolytes MediWeb Live, Interactive Webinar (Online Only) <u>www.Perfweb.US</u>	11/23/ Sat	19 3.6	3.6 C	EUs
Building a Center of ECMO Excellence: A Demonstration of Interdisciplinary Collaboration	12/4/1	9	1.2 C	EUs

	2	
AmSECT		
http://www.amsect.org/p/cm/ld/	<u>fid=1698</u>	
Mayo Clinic's Current Concepts in Extracorporeal Life Support; Medical Management and High-Fidelity Cannulation Simulations Mayo Clinic Jacksonville, Florida	12/5-7/19 Thu 9.3 Sat 8.4	26.4 CEUs Fri 8.7
https://ce.mayo.edu/adultecm	<u>o2019</u>	
PerfWeb 31: Angio Vac, Micro Vascular Scanning, Dealing with Difficult Surgeon: What do Employers Look For: How to Market Yourself MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.US</u>	12/10-13/19 Tue 3.0 Thu 1.8	9.3 CEUs Wed 2.7 Fri 1.8
Current Trends in Pediatric Practice InvoSurg Live, Interactive Webinar	12/11/19 Wed 1.5	1.5 CEUs
UNMC Clinical Perfusion Research Defense University of Nebraska Medical Center, Clinical Perfusion Education Omaha. Nebraska	12/16/19 Mon 3.5	3.5 CEUs
January 1, 2020 17 <sup>th</sup> Annual Winter Park Perfusion Conference Doc Phiroz Winter Park, Colorado 17 <sup>th</sup> Annual Winter Park Perfusion Webinar	1/12-15/20 Sun 4.8 Tue 7.2 1/12-15/20	26.4 CEUs Mon 7.2 Wed 7.2 26.4 CEUs
Doc Phiroz Winter Park, Colorado Live, Interactive Webinar	Sun 4.8 Tue 7.2	Mon 7.2 Wed 7.2
PerfWeb 32: ARDS/VAPING/VV ECMO MediWeb Alexandria, Louisiana (Online Only) Live, Interactive Webinar www.PerfWeb.us	1/23-24/20 Thu 1.8	6.6 CEUs Fri 4.8
56 <sup>th</sup> Annual Meeting The Society of Thoracic Surgeons	1/25-28/20 Sat 3.6	31.5 CEUs Sun 8.4

CEUs

Date

New Orleans, Louisiana <u>https://www.sts.org/meetings/calendar-of-events</u>	Mon /sts-56t	10.8 h-annua	Tue al-meeti	8.7 <u>ng</u>
Chicagoland Perfusion Foundation Meeting Chicagoland Perfusion Foundation Chicago, Illinois <u>www.chiperfound.org</u>	2/1/20 Sat	11.6	11.6 (	CEUs
41 <sup>st</sup> Annual Seminar of the American Academy of Cardiovascular Perfusion Meeting American Academy of Cardiovascular Perfusion (AACP) Reno, Nevada <u>www.theaacp.com</u>	2/5-8/2 Wed Fri	20 3.6 12.6	45.0 C Thu Sat	CEUs 16.2 12.6
41 <sup>st</sup> Annual Seminar of the American Academy of Cardiovascular Perfusion (Webinar) American Academy of Cardiovascular Perfusion (AACP) Reno, Nevada (Live, Interactive Webinar) <u>www.theaacp.com</u>	2/6-8/2 Thu Sat	20 12.6 12.6	37.8 C Fri	CEUs 12.6
Nebraska Perfusion Society Annual Meeting 2020 Nebraska Perfusion Society Omaha, Nebraska	2/8/20 Sat	6.6	6.6 CI	EUs
23 <sup>rd</sup> Annual Update on Pediatric and Congenital Cardiovascular Disease: Effective Teams, Improving Outcomes Children's Hospital of Philadelphia Orlando, Florida	2/12-1 Wed Fri Sun	6/20 10.5 6.0 5.7	43.8 C Thu Sat	CEUs 11.4 10.2
<u>www.chop.cloud-cme.com</u> AATS Mechanical Support for the Heart and Lung Symposium – New Devices and Techniques American Association for Thoracic Surgery Houston, Texas	<u>m</u> 2/14-1 Fri	5/20 9.4	16.3 ( Sat	CEUs 6.9
www.aats.org/mechanica	<u>ıl</u>			
PerfWeb 33: Stories from Traveling Perfusion, Evidence of Pulsing, Microcirculatory Flow MediWeb Alexandria, Louisiana (Online Only)	2/20-2 Thu	21/20 1.8	6.0 Cl Fri	EUs 4.2
Live, Interactive Webinar www.PerfWeb.us				
36 <sup>th</sup> Children's National Symposium: ECMO and the Advanced Therapies for Cardiac and respiratory Failure Children's National Hospital and George Washington School of Medicine Washington, D.C.	2/23-2 Sun Tue Thu	27/20 7.0 6.6 3.0	28.0 C Mon Wed	CEUs 6.6 4.8

www.ecmomeeting.com

Congenital Cardiac Anesthesia Society (CCAS) 2020 Annual Meeting Society for Pediatric Anesthesia/Congenital Cardiac Anes The Bahamas		12.0 CEUs 2.0 ety
http://www3.ccasociety.org/meetings/2020winter/	guide/progi	ram/index.iphtml
The Houston Aortic Symposium: Frontiers in Cardiovascular Disease – The Thirteenth in the Series Promedica International CME Houston, Texas <u>http://www.houstonaorticsympo</u>	Sat 2.	18.54 CEUs .72 Fri 7.96 .86
Houston Annual Shock Symposium UTHealth Houston, Texas <u>https://med.uth.edu/cahf/houston-sho</u>	Sun	28.1 CEUs 3.4 Sat 8.4 6.3 um/
58 <sup>th</sup> International Conference and Webinar AmSECT (American Society of Extracorporeal Technology Saint Louis, Missouri <u>http://amsect.org/p/cm/fid=</u>	Sun 9.	31.7 CEUs 4 Sat 10.1 .3 Mon 3.9
PerfWeb 34 – Women in Perfusion MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u> Wisconsin Perfusion Society 27 <sup>th</sup> Annual Spring Conference Wisconsin Perfusion Society Madison, Wisconsin	Sat 5. 3/20-22/2 Fri 5. Sun 5.	.0 Fri 3.0 .0
2 <sup>nd</sup> Annual Shock Symposium: Who, What, Where, When and How Hartford Hospital Rocky Hill, Connecticut	3/26/20 Thu 8.	8.6 CEUs .6
2019 European Adult Cardiopulmonary Bypass Guidelines InvoSurg Live, Interactive Webinar (Online Only) <u>www.invosurg.com</u>	4/8/20 Wed 1.	1.5 CEUs .5
COVID-19 Joint Perfusion Task Force Webinar AmSECT, AACP, ABCP task force Live, Interactive Webinar (Online Only) <u>https://smithbucklin.zoom.us/webinar/register/WN_F</u>	4/9/20 Thu 1. IUc8ENPh(	

Meeting Location	Date	CEUs
2019 European Adult Cardiopulmonary Bypass Guidelines InvoSurg Live, Interactive Webinar (Online Only) <u>www.invosurg.com</u>	4/15/20 Wed 1.5	1.5 CEUs
COVID-19 Joint Perfusion Task Force Webinar AmSECT, AACP, ABCP task force Live, Interactive Webinar (Online Only) <u>https://smithbucklin.zoom.us/webinar/register/WN_H</u>	4/16/20 Thu 1.2 IUc8ENPhQGn	1.2 CEUs n <u>1Ea-YoF69SQ</u>
Sanibel Symposium General Sessions Perfusion.com, Inc. Fort Myers, Florida <u>http://www.perfusion.com/sym</u>	4/22-25/20 Wed 12.5 Fri 9.5 posium/	42.0 CEUs Thu 11.1 Sat 8.9
PerfWeb 35 MediWeb Live, Interactive Webinar (Online Only) <u>https://mediweb.us</u>	4/23-25/20 Thu 2.4 Sat 4.5	8.7 CEUs Fri 1.8
Corona 30 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	4/27-5/1/20 Mon 2.4 Wed 2.4 Fri 0.6	10.0 CEUs Tue 2.4 Thu 2.4
COVID-19 Joint Perfusion Task Force Webinar AmSECT, AACP, ABCP task force Live, Interactive Webinar (Online Only) <u>https://smithbucklin.zoom.us/webinar/register/WN_H</u>	4/30/20 Thu 1.5 IUc8ENPhQGn	1.5 CEUs n1Ea-YoF69SQ
2020 Mid-Atlantic VAD and ECMO Symposium (MAVES) Maryland State Perfusion Society Baltimore, Maryland <u>https://mdperfusion.com/ev</u>	5/03/20 Sun 10.0	10.0 CEUs
<i>Corona 30</i> MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	5/04-08/20 Mon 1.2 Wed 2.4 Fri 2.8	10.0 CEUs Tue 1.2 Thu 2.4
9 <sup>th</sup> EuroELSO Congress EuroELSO Congress London, England <u>www.euroelso-congress.c</u>	5/06-08/20 Wed 9.6 Fri 8.4 om	25.2 CEUs Thu 7.2

Meeting Location	Date	CEUs
Clinical Perfusion Research Defense University of Nebraska Medical Center, Clinical Perfusion Education Omaha, Nebraska (Online Only) <u>https://global.gotomeeting.com/join</u>	5/07/20 Thu 2.8	2.8 CEUs
Corona 30 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	5/11-15/20 Mon 1.2 Wed 1.2 Fri 1.0	10.0 CEUs Tue 2.4 Thu 4.2
16 <sup>th</sup> International Conference on Pediatric Mechanical Circulatory Support Systems and Pediatric Cardiopulmonary Perfusion Cincinnati Children's Hospital Cincinnati, Ohio <u>https://cchmc.cloud-cme.com/default.aspx</u>	5/13-15/20 Wed 4.8 Fri 7.2	21.1 CEUs Thu 9.1
Covid-19 Joint Perfusion Task Force Webinar Amsect, AACP, ABCP task force Live, Interactive Webinar (Online Only) <u>https://smithbucklin.zoom.us/webinar/register/WN_H</u>	5/14/20 Thu 1.5 <mark>Uc8ENPhQGn</mark>	1.5 CEUs n1Ea-YoF69SQ
Covid-19 Joint Perfusion Task Force Webinar Amsect, AACP, ABCP task force Live, Interactive Webinar (Online Only) <u>www.jointperfusiontaskforce</u>	5/28/20 Thu 1.7 e.org	1.7 CEUs
ECMO for Patients With COVID-19: Challenges, Successes, and Lessons Learned SpecialtyCare Live, Interactive Webinar (Online Only) <u>https://zoom.us/webinar/register/WN_OxLT</u>	6/04/20 Thu 1.2 <u>nsqjR-eDqkCS</u>	1.2 CEUs <u>zpCiA</u>
THI Perfusion Conference June 2020 Texas Heart Institution Live, Interactive Webinar (Online Only) <u>www.texasheart.org</u>	6/5-6/20 Fri 9.3	16.2 CEUs Sat 6.9
Getting Back on Bypass: What to Expect in the Era of COVID SpecialtyCare Live, Interactive Webinar (Online Only) <u>http://learn.specialtycareus.com?COVID-B</u>	6/25//20 Thu 1.2 Back-on-bypass	1.2 CEUs . <u>html</u>
PerfWeb 36: The New Orleans Conferecne	6/11,13/20	7.8 CEUs

Meeting Location	Date	CEUs
MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	Thu 3.0	) Sat 4.8
PerfWeb 37 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	7/13/20 Mon 1.3	1.3 CEUs
PerfWeb 38 MediWeb Live, Interaction Webinar (Online Only) <u>www.PerfWeb.us</u>	7/30-31/20 Thu 2.7	
Perfweb 39 MediWeb Live, Interactive Webinar (Online Only) <u>www.perfusioneducation.</u>	8/10/20 Mon 2.5	2.5 CEUs
Myocardial Protection Strategies and Resulting Posy Bypass Hemostasis Essential Pharmaceuticles Live, Interactive Webinar (Online Only)	8/12/20 Wed 3.3	3.3 CEUs
AAMI Standards, IFUs, and Clinical Testing of Oxygenators: What's it all about? SpecialtyCare Live, Interactive Webinar (Online Only) <u>http://learn.specialtycareus.com/AAMI-Standard</u>	8/19/20 Wed 1.2 s-Webinar-A	
Perfweb 40 MediWeb Live, Interactive Webinar (Online Only) <u>www.perfusioneducation.</u>	8/20/20 Thu 3.7	3.7 CEUs
SABM 2020 Virtual Annual Meeting Postgraduate Institute for Medicine Live, Interactive Webinar (Online Only) <u>www.sabm.org</u>	9/10-12/20 Thu 6.6 Sat 4.2	6 Fri 7.8
PerfWeb 43: Pro and Con of Proning ECMO Patients MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	9/12/20 Sat 3.6	3.6 CEUs
Perfweb 41 MediWeb	9/14/20 Mon 1.3	1.3 CEUs

Live, Interactive Webinar (Online Only) <u>www.perfusioneducation.c</u>	<u>om</u>	
What's All This About P-Values? Anatomy of the Statistical Debat on P-Values and Implications for Medical Researchers SpecialtyCare Perfusion Services Line Continuing Educati Live, Interactive Webinar (Online Only) <u>http://learn.specialtycareus.com/pvalues-statistic</u>	Tue 1.2 on	1.2 CEUs <u>inar.html</u>
Perfweb 42 MediWeb Live, Interactive Webinar (Online Only) <u>www.perfusioneducation.c</u>	9/24/20 Thu 1.3	1.3 CEUs
17 <sup>th</sup> Annual Perioperative and Critical Care Conference The Society of Thoracic Surgeons & Corexcel Live, Interactive Webinar <u>https://sts.org/meetings/calendar-of-events/sts-17th-annual-period</u>	9/24-26/20 Thu 5.1 Sat 5.7 tioperative-and	16.5 CEUs Fri 5.7 -critical-care-conference
Pennsylvania State Perfusion Society-Fall Confernce 2020 Pennsylvania State Perfusion Society Live, Interactive Webinar	9/26/20 Sat 10.2	10.2 CEUs
Quality and Outcomes: A Data Managers Meeting The Society of Thoracic Surgeons & Corexcel Live, Interactive Webinar (Online Only) https://sts.org/meetings/calendar-of-events/advances-quality	9/29-10/2/20 Tue 5.0 Thu 5.4 -outcomes-data	Wed 5.7 Fri 4.9
31 <sup>st</sup> Annual ELSO Conference 2020 Extracorporeal Life Support Organization Live, Interactive Webinar (Online Only) <u>https://attendesource.com/profile/web/index.cfm?PKwebl</u>	9/25-26/20 Fri 11.4 ID=0x5113055	20.4 CEUs Sat 9.0 a9&varPage=home
25 <sup>th</sup> Annual Illinios State Perfusion Society Conference Webinar Illinios State Perfusion Society Live, Interactive Webinar (Online Only) <u>www.illinoisperfusion.or</u>	10/03/20 Sat 6.6	6.6 CEUs
PerfWeb 44: Obesity: A Critical Risk Factor in the COVID-19 Pandemic MediWeb Live, Interactive Webinar (Online Only) www.PerfusionEducation.c	10/05/20 Mon 1.3	1.3 CEUs
COVID-19 Joint Perfusion Task Force Webinar Joint Perfusion COVID-19 Task Force Live, Interactive Webinar	10/08/20 Thu 1.8	1.8 CEUs

Meeting Location	Date	CEUs
www.jointperfusiontaskforce	e.org	
To Transfuse or Not to Transfuse: Tales of the Trails SpecialtyCare Live, Interactive Webinar (Online Only) <u>http://learn.Specialtycareus.com/To-Transfuse-or</u>	10/14/20 r-Not-to-Trans	1.2 CEUs fuse.html
11 <sup>th</sup> Annual Neonatal and Pediatric ECLS Education Conference UPMC Children's Hospital of Pittsburgh Pittsburgh, Pennsylvania <u>https://www.chp.edu/health-care-professionals/cme/other-cme/neonal</u>	Wed 7.3 Fri 5.4	19.9 CEUs Thu 7.2 cls-educational-confernece
ECLS Team Symposium: Advancing ECLS in Our Region and Beyond University of Nebraska Medical Center (UNMC) Omaha, Nebraska www.unmc.edu/cce/catalog/clinicmed/ecl	Fri 7.5	12.6 CEUs Sat 5.1
	10/16-17/20 Fri 3.90	9.63 CEUs Sat 6.06
PerfWeb 45: Treatment of Cardiogenic Shock in Peripartum Cardiomyopathy MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfusionEducation.co</u>	10/22/20 Thu 1.3	1.3 CEUs
Short Term Mechanical Support Heart and Lung Symposium 2020 Mauricio Villavicencio, M.D. Live, Interactive Webinar (Online Only) <u>https://cpd.partners.org/content/mgh-short-term-mechanical-supp</u> <u>tabs-node-course-default</u>	Fri 6.9	13.7 CEUs Sat 6.8 symposium-2020#group-
22 <sup>nd</sup> Annual Update on Perfusion Confernce Medical University of South Carolina Live, Interactive Webinar (Online Only) <u>www.chp.musc.edu/cvpconfer</u>	10/23-24/20 Fri 7.8	15.6 CEUs Sat 7.8
ABTC-SC Inter-Active On-line Class PRFUZN, Inc. Live, Interactive Webinar (Online Only) <u>PRFUZN@bellsouth.net</u>	11/01/20 Sat 10.2	10.2 CEUs
PerfWeb 46: Postcardiotomy Extracorporeal Membrane Oxygenator MediWeb	11/02/20 Mon 1.3	1.3 CEUs

Live, Interactive Webinar (C	Online Only) www.PerfusionEducation.c	<u>com</u>			
North Carolina Society of Perfusion Seminar Webinar North Carolina Society of Pe Live, Interactive Webinar (C	erfusion	Sat 1	) 0.8	16.8 C Sun	CEUs 6.0
31 <sup>st</sup> Annual Cardiovascular Interven Promedica International CM La Jolla, California		Fri 1	3/20 4.8 1.4	27.6 C Thu	CEUs 11.4
PerfWeb 48: Perfusion Systems & X MediWeb Live, Interactive Webinar (C			) 5.6	3.6 C	EUs
PerfWeb47: ARS-CoV-2, COVID-19 MediWeb Live, Interactive Webinar (C			) .3	1.3 CI	EUs
Management of Coagulation and Bl Using ROTEM Delta Columbus Perfusion Journal Columbus, Ohio		Mon 1	) 8	1.8 C	EUs
PerfWeb 49: Veno-Venous ECMO f How long is too long? MediWeb Live, Interactive Webinar (C			) .3	1.3 C	EUs
Clinical Perfusion Research Defens University of Nebraska Med Clinical Perfusion Education Omaha, Nebraska	ical Center,	12/14/20 Mon 2		2.8 C	EUs
<u>dwholt@unmc.edu</u>					
PerfWeb 50: Long-Term Survival, F and Quality of Life Post ECI MediWeb Live, Interactive Webinar (C	МО	12/18/20 Fri 1	) .3	1.3 C	EUs

#### www.PerfusionEducation.com

# January 1, 2021

Journal Club, PerfWeb, Knowledge Nuggets MediWeb Live, Interactive Webinar (Online Only)	1/28/21 Thu 2.2	2.2 CEUs	
www.PerfusionEducation.c	<u>com</u>		
High-Pressure Excursion: Case Report, Literature Review, and Mitigations	2/04/21	1.2 CEUS	
Terumo Cardiovascular Live, Interactive Webinar (Online Only)	Thu 1.2		
https://app.livestorm.co/terumo-cardiovascular/highting	n-pressure-exc	cursion?type=detailed	
42 <sup>nd</sup> Annual Seminar of the American Academy of Caridovascular Perfusion Virtual Meeting	2/06-13/21	31.2 CEUs	
The American Academy of Cardiovascular Perfusion Live, Interactive Webinar (Online Only) www.theaacp.com	Sat 9.6 Thu 6.0	Tue         6.0           Sat         9.6	
www.theadcp.com			
On-line Perfusion Incident Reporting-A Tool for Perfusion Safety Specialty Care	2/10/21 Wed 1.2	1.2 CEUs	
Live, Interactive Webinar (Online Only <u>https://learn.specialtycareus.com/online_perfusion</u>	n incident rej	<u>porting.html</u>	
PerfWeb 52: Tammy Sparacino, Journal Club: John Ingram, Knowledge Nuggets	2/10/21	2.2 CEUs	
MediWeb	Mon 2.2		
Live, Interactive Webinar (Online Only) www.PerfusionEducati	on.com		
24 <sup>th</sup> Annual Update on Pediatric and Congenital Cardiovascular Disease	2/11-12/21	30.6 CEUs	
Children's Hospital of Philadelphia	Thu 2.4	Fri 9.6	
Live, Interactive Webinar (Online Only)	Sat 9.0	Sun 9.6	
www.chop.edu/cardiology2021			
Nebraska Perfusion Society Annual Meeting	2/13/21	7.2 CEUs	
Nebraska Perfusion Society	Sat 7.2		
University of Nebraska Medical Center, Omaha, NE <u>www.ssanderson@nebraskamed.com</u>			
37 <sup>th</sup> Annual Children's National Symposium- 1 <sup>st</sup> Virtual Conference: ECMO & the Advanced Therapies for Cardiac & Respiratory Failure	2/21-23/-21	15.6 CEUs	
Children's National Hospital	Sun 2.40	Mon 6.6	

Live; Interactive Webinar (Online Only) <u>https://childrensnational.org/research-and-education/healthcare</u> <u>conferences/conferences-and-other-opportun</u>		
VV ECMO Strategies for COVID-19, A Single Center Experience Joint Perfusion COVID-19 Task Force Live; Interactive Webinar (Online Only) <u>www.jointperfusiontaskforce</u>	Wed 1.4	1.4 CEUs
PerfWeb 53: Tammy Sparacino, Journal Club: John Ingram, Knowledge Nuggets MediWeb Live, Interactive Webinar (Online Only) https://library.perfusioneducation.com/video/commentary-myocar	2/25/21 Tue 2.2	2.2 CEUs
antifibrinolytics	<u>ulai-protection</u>	
Massachusetts Society of Perfusion Webinar 1.0 Massachusetts Society of Perfusion Live, Interactive Webinar (Online Only) <u>https://www.massperfusion.c</u>	3/02/21 Tue 3.6	3.6 CEUs
Single Center Case Study: ECMO on COVID-19 Patients with The Use of Cytosorb at WVU Invosurg Live, Interactive Webinar (Online Only)	3/03/21 Wed 1.5	1.5 CEUs
Nemours 2021 ECMO Conference Nemours Children's Hospital Live, Interactive Webinar (Online Only) <u>http://cmetracker.net/NEMOURS/Publisher?page=</u>	3/05/21 Fri 6.3 pubOpen#/Eve	6.3 CEUs
End-Stage Heart and Lung Disease in the Era of COVID-19 University of Alabama at Birmingham Live, Interactive Webinar (Online Only)	3/05/21 Fri 4.7	4.7 CEUs
Optimizing Outcomes through Global Collaboration ERAS- Enhanced Recovery After Cardiac Surgery Society Live, Interactive Webinar (Online Only) <u>https://erasvirtual2021.com</u>		15.6 CEUs Sat 7.2
Lessons Learned from 325 ECMO Cases with COVID-19: How Does Management Compare with Non-COVID-19 ECMO Procedures	3/10/21	1.2 CEUs
Specialty Care Live, Interactive Webinar (Online Only) https://learn.specialtycareus.com/ECMO-COV	Tue 1.2 VID19-Lessons	-Learned.html
PerfWeb 54: Tammy Sparacino, Journal Club: John Ingram,	3/10/21	2.2 CEUs

Meeting Location	Date	CEUs
Knowledge Nuggets MediWeb Live, Interactive Webinar (Online Only) <u>https://library.perfusioneducation.com/video/extracorporeal-m</u> postcardiotomy-shock		enation-cannulation-for-
ELSO Virtual Neo/Peds ECMO Training Corse Extracorporeal Life Support Organization Live, Interactive Webinar (Online Only) <u>https://www.elso.org/Education/2021March</u>	3/11-12/21 Thu 6.6 nNeoPedsCours	14.4 CEUs Fri 7.8 e.aspx
Congenital Cardiac Anesthesia Society (CCAS) 2021 Virtual Annual Meeting Society for Pediatric Anesthesia; Congenital Cardiac Anesthesia Society Live, Interactive Webinar (Online Only)	3/20-21/21 Sat 6.9	12.2 CEUs Sun 5.3
http://www3.ccasociety.org/meetin	ngs/2021winter/	guide
PerfWeb 55: Tammy Sparacino, Journal Club: John Ingram, Knowledge Nuggets MediWeb Live, Interactive Webinar (Online Only) <u>https://library.perfusioneducation.com/video/fluid-managemed</u>		2.2 CEUs
membrane-oxygenation Biocompatibility and Suction Separation to Minimize the Impact of Inflammatory Response SpecialtyCare Live, Interactive Webinar (Online Only) <u>https://learn.specialtycareus.com/Biocompatibil</u>	4/07/21 Wed 1.2	1.2 CEUs <u>ebinar.html</u>
Vanderbilt University Medical Center: Faculty Forum MediWeb.us Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	4/07/21 Wed 1.2	1.2 CEUs
PerfWeb 56: Tammy Sparacino, Journal Club: John Ingram, Knowledge Nuggets MediWeb Live, Interactive Webinar (Online Only) <u>https://library.perfusioneducation.com/video/preparing-for-acute</u>	4/07/21 Wed 2.2	2.2 CEUs
pandemic Sanibel Symposium General Sessions Perfusion.com, Inc. Live, Interactive Webinar (Online Only)	4/14-17/21 Wed 12.0 Fri 11.9	42.5 CEUs Thu 11.9 Sat 6.7

### http://www.perfusion.com/symposium

PerfWeb 57: Spring Conference MediWeb Live, Interactive Webinar (Online Only) <u>https://library.perfusioneducati</u>	4/14-17/21 Wed 5.4 Fri 7.8 on.com/	26.1 CEUs Thu 4.8 Sat 8.1	
2-Day Virtual Extracorporeal Life Support in Adult Critical Care-Adult ECMO Management	4/15-16/21	14.4 CEUs	
Extracorporeal Life Support Organization Live; Interactive Webinar (Online Only)	Thu 7.2	Thu 7.2	
PerfWeb 58: Tammy Sparacino, Journal Club: John Ingram, Knowledge Nuggets	4/22/21	2.2 CEUs	
MediWeb	Thu 2.2		
Live, Interactive Webinar (Online Only)			
https://library.perfusioneducation.com/video/heparin-free-vv-ecm		s-extracorporeal-membrane-	
oxygenation-in-a-multiple-traun	<u>na-patient</u>		
ABTC SC Inter-Active On-line Class PRFUZN, Inc. Live, Interactive Webinar (Online Only) prfuzn@bellsouth.net	04/24/21 Sat 10.2	10.2 CEUs	
2021 Mid-Atlantic VAD and ECMO Symposium (MAVES) Maryland State Perfusion Society Live, Interactive Webinar (Online Only) <u>www.mdperfusion.com/eve</u>	04/24/21 Sat 10.0 ents/	10.0 CEUs	
AmSECT 59 <sup>th</sup> International Converence- A Virtual Experience American Society of ExtraCorporeal Technology Live, Interactive Webinar (Online Only)	5/01-05/21 Sat 5.4 Mon 4.2 Wed 4.8	25.5 CEUs Sun 5.4 Tue 5.7	
https://www.amsect.org/p/cm/ld	/110=1/40		
Clinical Perfusion Spring Research Defense University of Nebraska Medical Center, Clinical Perfusion Education Live, Interactive Webinar (Online Only)	05/05/21 Wed 2.1	2.1 CEUs	
https://www.unmc.edu/alliedhealth/ed	ucation/cpe/inc	<u>lex.ntm</u>	
PerfWeb 59: Ventricular Assist Devices (VAD). Extracorporeal Oxygenation and Coronavirus Disease PerfWeb	05/05/21 Wed 3.4	3.4 CEUs	
Live; Interactive Webinar (Online Only)	weu 3.4		
https://library.perfusioneducation.com/video/ventricular-assist-	devices-vad-ex	tracorporeal-oxygenation-	
and-coronavirus-disease-surfactant			

Meeting Location	Date	CEUs		
EuroELSO Virtual Congress EuroELSO Congress Live, Interactive Webinar (Online Only) <u>https://www.euroelso-congres</u>	5/05-07/21 Wed 3.9 Fri 4.2 s.com/	12.0 CEUs Thu 3.9		
Massachusetts Society of Perfusion Webinar 2.0 Massachusetts Society of Perfusion Live; Interactive Webinar (Online Only) <u>www.massperfusion.con</u>	5/11/21 Tuesday 3.6 <u>n</u>	3.6 CEUs		
Your Job is Simple: Improve the Quality of Cardiovascular Surgery- My Takeaways En Route to Successful Quality Initiatives SpecialtyCare Live, Interactive Webinar (Online Only) <u>https://learn.specialtycareus.com/perfusion_improve</u>		1.2 CEUs verbinar.html		
Pennsylvania State Perfusion Society-Spring Conference 2021 Pennsylvania State Perfusion Society Live, Interactive Webinar (Online Only)	05/15/21 Sat 10.5	10.5 CEUs		
ELSO Registry Review: The Evolution of ECMO use in COVID-19 Joint Perfusion COVID-19 Task Force Live, Interactive Webinar (Online Only) <u>www.jointperfusiontaskforce</u>	Wed 1.7	1.7 CEUs		
PerfWeb 60: Validating "RESP" and "PRESERVE" A Single Practice ECMO for Covid-19 Experience PerfWeb Live, Interactive Webinar (Online Only) https://library.perfusioneducation.com/video/validating-resp-and-p	05/20/21 Thu 2.4	2.4 CEUs		
<u>19-experience</u>				
PerfWeb 61: ECMO Platform Overview. Acute Hypoxemic Respiratory Failure. Atrial Septal Defects PerfWeb Live, Interactive Webinar (Online Only)	06/02/21 Wed 3.4	3.4 CEUs		
https://library.perfusioneducation.com/video/ecmo-platform-overview-acute-hypoxemic-respiratory-failure- atrial-septal-defects				
THI Perfusion Conference June 2021 Texas Heart Institute, School of Perfusion Technology Live, Interactive Webinar (Online Only) <u>www.texasheart.org</u>	06/04-05/21 Fri 8.4	15.0 CEUs Sat 6.6		
The Use of Robotic Techniques for Cardiac Surgery Specialty Care	06/09/21 Wed 1.2	1.2 CEUs		

Live, Interactive Webinar (Online Only) https://specialtycare-net.zoom.us/webinar/register/W	N_J6soaT61Q3qjUk	<u>u_s4gH_Q</u>
2021 ASAIO Virtual Meeting American Society for Artificial Internal Organ (ASAIO) Live, Interactive Webinar (Online Only) <u>https://asaio.org/conferen</u>	06/10-12/21 Thu 5.8 Fri Sat 2.4	14.5 CEUs 6.3
CHLA 2021 ECMO Conference Children's Hospital Los Angeles Live, Interactive Webinar (Online Only) <u>https://www.eeds.com/portal_live_events.aspx</u>	06/11-12/21 Fri 7.5 Sat ConferenceID=562	
Goal Directed Perfusion: Techniques for Reducing AKI and Post-Operative Delirium Terumo Cardiovascular Live, Interactive Webinar (Online Only) https://app.livestorm.co/terumo-evh/goal-directed-perfusion-	06/16/21 Wed 1.8	1.8 CEUs cing-aki-and-post-
<u>operative-delirium?type=de</u> PerfWeb 62: Predicting V-A ECMO Survival with Save PerfWeb		2.4 CEUs
Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>		
27 <sup>th</sup> Annual Wisconsin Perfusion Society Spring Virtual Educational Meeting Wisconsin Perfusion Society Live, Interactive Webinar (Online Only) <u>www.wisperfusion.org</u>	06/26/21 Sat 12.6	12.6 CEUs
Virtual 4 <sup>th</sup> MiECT Symposium Medtronic, Inc. Live, Interactive Webinar (Online Only) <u>www.livemedia.com/4mi</u>	06/26/21 Sat 3.7	3.7 CEUs
PerfWeb 63 PerfWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	07/07/21 Wed 3.4	3.4 CEUs
The Novick Cardiac Alliance: Creating Pediatric Cardiac Services in Low and Middle-Income Countries American Society of ExtraCorporeal Technology	07/15/21 Thu 1.1	1.1 CEUs

Live, Interactive Webinar (Online Only) www.amsect.org/page/perfusion-wi	thout-borders	
PerWeb 64 PerfWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	07/22/21 Thu 2.4	2.4 CEUs
Massachusetts Society of Perfusion Webinar 3.0 Massachusetts Society of Perfusion Live, Interactive Webinar (Online Only) <u>https://www.massperfusion.com/mee</u>	07/31/21 Sat 4.8 tingregistration	4.8 CEUs
Carolina Perfusion Symposium Perfusion Life and the Palmetto State Perfusion Society (PSPS) Myrtle Beach, South Carolina <u>https://www.carolinaperfusionsymp</u>	07/30-8/1/21 Fri 1.8 Sun 4.2	15.2 CEUs Sat 9.2
PerfWeb 65 PerfWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	08/04/21 Wed 3.4	3.4 CEUs
Cardiac Surgery During the ERA of COVID-19 SpecialtyCare Live, Interactive Webinar (Online Only) <u>https://learn.specialtycareus.com/perfusion_improv</u>	08/08/21 Wed 1.2 e_cv_surgery_werbina	1.2 CEUs <u>ur.html</u>
Controversies in Ultrafiltration SpecialtyCare Live, interactive Webinar (Online Only) <u>https://learn.specialtycareus.com/perfusion_improv</u>	08/08/21 Wed 1.2 <u>ve cv surgery webina</u>	1.2 CEUs <u>r.html</u>
PerfWeb 66 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.US</u>	08/18/21 Wed 2.4	2.4 CEUs
SABM 2021 Virtual Annual Meeting Society for the Advancement of Blood Management Live, Interactive Webinar (Online Only) <u>https://sabm.org/</u>	08/23-25/21 Thu 5.0 Sat 4.4	17.5 CEUs Fri 8.1
40 <sup>th</sup> Annual Cardiothoracic Surgery Symposium (CREF 2021) 36	08/22-26/21	42.8 CEUs

Meeting Location	Date	CEUs
The Institute for Medical Studies (IMS) and Aligned Management Associates, Inc. San Luis Obispo, CA <u>https://www.crefmeeting</u> .	Wed 6.9 Fri 10.5 Sun 4.8 com	Thu 9.9 Sat 10.7
16 <sup>th</sup> International Conference on Pediatric Mechanical Circulatory Support System and Pediatric Cardiopulmonary Perfusion Cincinnati Children's Cincinnati, Ohio	08/26-27/21 Thu 7.4	12.6 CEUs Fri 12.6
https://cchmc.cloud-cme.com/course/courseov	erview (P=5&EII	<u>D=35350</u>
PerfWeb 67 MediWeb Live Interactive Webinar (Online Only) <u>www.PerfWeb.US</u>	09/01/21 Wed 3.4	3.4 CEus
18 <sup>th</sup> Annual Perioperative and Critical Care Conference The Society of Thoracic Surgeons & Corexcel Live, Interactive Webinar (Online Only) <u>https://www.sts.org/meetings/calendar-of-events/18th-annual-p</u>	09/10-11/21 Fri 8.2 perioperative-and	13.7 CEUs Sat 5.5
Advantages of Near Infrared Spectroscopy (NIRS) in Cardiac Surgery and ECMO Therapy Terumo Cardiovascular Live, Interactive Webinar (Online Only) <u>https://app.livestorm.co/terumo-cardiovascular/advantages-of-m</u> <u>surgery-and-ecmo-therapy?type</u>		1.2 CEUs
<u>surgery-and-eemo-merapy type</u>	<u>e-detalled</u>	
AmSECT Standards and Guidelines – Zone 4 The American Society of ExtraCorporeal Technology (AmSECT) and the The International Consortium for Evidence-Based Perfusion Committee (ICEBP) Live, Interactive Webinar (Online Only) <u>https://www.amsect.org/p/cm/lc</u>	09/15/21 Wed 1.1	1.1 CEUs
	00/15 15/01	
13 <sup>th</sup> Branislav 'Brano' Radovancevic Heart Failure Forum Memorial Herman TMC, Abbot, and ABIOMED Graz, Austria <u>http://www.brano-hff.or</u>	09/15-17/21 Wed 6.0 Fri 8.4	22.8 CEUs Thu 8.4
II Congreso Latinoamericano De Perfusión Asociación Latinoamericana De Perfusión San José, Costa Rica https://www.congresoalap.com	09/16/18/21 Thu 7.9 Sat 2.5 /general-7	18.7 CEUs Fri 8.3
37		

Meeting Location	Date	CEUs
13 <sup>th</sup> Annual Master Class in Congenital Morphology UPMC Children's Hospital of Pittsburgh, the UPMC Heart And Vascular Institute Pittsburgh, PA	09/17-18/21 Fri 5.4	9.9 CEUs Sat 4.5
https://cce.upmc.com/annual-master	-class-2021	
40 <sup>th</sup> Annual Cardiovascular Surgery Symposium (CREF 2021) The Institute for Medical Studies (IMS) and Aligned Management Associates, Inc. San Diego, CA <u>https://www.crefmeeting.co</u>	09/22-26/21 Wed 6.9 Fri 12.0 Sun 4.8	44.3 CEUs Thu 9.9 Sat 10.7
40 <sup>th</sup> Annual Cardiovascular Surgery Symposium (CREF 2021) Webinar The Institute for Medical Studies (IMS) and Aligned Management Associates, Inc. Live, Interactive Webinar (Online Only) <u>https://www.crefmeeting.co</u>	09/22-26/21 Wed 2.1 Fri 10.5 Sun 4.8	34.7 CEUs Thu 6.6 Sat 10.7
PerfWeb 68 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.US</u>	09/23/21 Thu 2.4	2.4 CEUs
32 <sup>nd</sup> Annual Extracorporeal Life Support Organization (ELSO) Conference 2021 Extracorporeal Life Support Organization Live, Interactive Webinar (Online Only)	09/30-10/1/2 Thu 7.5	Fri 6.6
https://www.elso.org/Education/2021EL	SOMeeting.as	<u>px</u>
New Tracks in the Management of Congenital Heart Desease; 6 <sup>th</sup> Annual Advances in Congenital Virtual Summit Cleveland Clinic Live, Interactive Webinar (Online Only)	10/01-02/21 Fri 16.8	24.1 CEUs Sat 7.3
http://www.clevlandclinic.c	org	
26 <sup>th</sup> Annual Illinois State Perfusion Society Conference Illinois State Perfusion Society Live, Interactive Webinar (Online Only) <u>www.illinoisperfusion.org</u>	10/2/21 Sat 10.8	10.8 CEUs
PerfWeb 69 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.US</u>	10/6/21 Wed 3.6	3.6 CEUs

Meeting Location	Date	CEUs
AmSECT Standards and Guidelines – Zone 3 The American Society of ExtraCorporeal Technology (AmSECT) and the The International Consortium for Evidence-Based Perfusion Committee (ICEBP) <u>https://www.amsect.org/p/cm/ld/</u>	10/6/21 Wed 1.1 fid=1698	1.1 CEUs
12 <sup>th</sup> Annual Neonatal & Pediatric ECLS Educational Conference UPMC Children's Hospital of Pittsburgh Pittsburgh, Pennsylvania <u>https://cce.upmc.com/annual-ecls-conference#group</u>	10/6-8/21 Wed 7.5 Fri 5.5 <u>p-tabs-node-co</u>	20.9 CEUs Thu 7.9 <u>purse-default1</u>
Advances in Quality and Outcomes: A Data Managers Meeting The Society of Thoracic Surgeons & Corexcel Live, Interactive Webinar (Online Only) <u>https://www.sts.org/meetings/calendar-of-events/2021-advances-</u>	10/12-15/21 Tue 8.3 Thu 9.6 quality-outcor	33.64 CEUs Wed 7.54 Fri 8.2 <u>mes-data-managers-meeting</u>
The Processes Used by the FDA to Evaluate Cardiopulmonary Devices SpecialtyCare Live, Interactive Webinar <u>https://learn.specialtycareus.com/perfusion_improve</u>	10/13/21 Wed 1.2	1.2 CEUs webinar.html
AmSECT Standards and Guidelines – Zone 2 The American Society of ExtraCorporeal Technology (AmSECT) and the The International Consortium for Evidence-Based Perfusion Committee (ICEBP) https://www.amsect.org/p/cm/ld/	10/13/21 Wed 1.1 fid=1698	1.1 CEUs
AmSECT Standards and Guidelines – Zone 1 The American Society of ExtraCorporeal Technology (AmSECT) and the The International Consortium for Evidence-Based Perfusion Committee (ICEBP) <u>https://www.amsect.org/p/cm/ld/</u>	10/20/21 Wed 1.1	1.1 CEUs
PerfWeb 70 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	10/21/21 Thu 2.4	2.4
2021 National Meeting Canadian Society of Clinical Perfusion Live, interactive Webinar (Online Only) <u>https://www.cscp.ca/events/nation</u>	10/22-24/21 Fri 8.8 Sun 7.6 al-meeting	24.8 CEUs Sat 8.4
23 <sup>rd</sup> Annual Update on Perfusion Conference Medical University of South Carolina 39	10/29-30/21 Fri 8.1	16.2 CEUs Sat 8.1

Live, Interactive Webinar (Online Only) <u>https://chp.musc.edu/academics/cvp/conferer</u>	ce/conference-program	<u>n</u>
PerfWeb 71 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	11/3/21 Wed 3.6	3.6 CEUs
North Carolina Society of Perfusion Annual Meeting North Carolina Society of Perfusion Asheville, North Carolina https://www.ncsocietyofperfusion	11/6-7/21 Sat 9.5	16.2 CEUs Sun 6.7
Clinical Practice Guidelines: Historical Overview, Current Applications and Outlook Terumo Cardiovascular Live, Interactive Webinar (Online Only)	11/10/21 Wed 1.2	1.2 CEUs
https://app.livestorm.co/terumo-evh/clincial-pract	ice-guidelines?type=de	etailed
New STS, SCA, AmSECT Blood Management Guidelines SpecialtyCare Live, Interactive Webinar (Online Only)	11/10/21 Wed 1.2	1.2 CEUs
https://learn.specialtycareus.com/perfusion_improv	<u>ve_cv_surgery_webina</u>	r.html
ABTC SC Inter-Active On-line Class PRUZN, Inc. Live, Interactive Webinar (Online Only) PRFUZN@bellsouth.m	11/13/21 Sat 10.2	10.2 CEUs
32 <sup>nd</sup> Annual Cardiovascular Interventions Promedica International CME La Jolla, CA <u>https://www.cvinterventions</u>	11/17-19/21 Wed 4.8 Fri 11.4	27.6 CEUs Thu 11.4
PerfWeb 72 – ECMO: Who, How, and for How Long? MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	11/18/21 Thu 2.4	2.4 CEUs
Perfusion Safety in the Cardiac OR Terumo Cardiovascular Live, Interactive Webinar (Online Only) <u>https://app.livestorm.co/terumo-evh/perfusion</u>	11/23/21 -safety-in-the-cardiac-	1.2 CEUs
PerfWeb 73 – 2020 Review of Heart Transplants at VUMC MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	12/1/21 Wed 3.4	2.4 CEUs

Meeting Location	Date	CEUs
Mayo Clinic's Current Concepts in Extracorporeal Life Support; Medical Management and High-Fidelity Cannulation Simulations 2021 Mayo Clinic Jacksonville, Florida www.ce.mayo.edu/adultecme	12/1-4/21 Wed 6.0 Fri 7.8	30.0 CEUs Thu 8.4 Sat 7.8
Controversies & Advances in the Treatment of Cardiovascular Disease, the 20 <sup>th</sup> in the Series Promedica International Beverly Hills, California	12/2-3/21 Thu 10.1	20.0 CEUs Fri 9.9
http://www.controversiesincardio THI Perfusion Conference December 2021 Texas Heart Institute	12/3/21	3.9 CEUs
Houston, Texas www.texasheart.org	Fri 3.9	
7 <sup>th</sup> Annual International Coronary Conference (ICC) International Coronary Congress (ICC) New York, New York	12/3-5/21 Fri 9.1 Sun 7.2	23.2 CEUs Sat 6.9
https://internationalcoronarycong	ress.com/	
Clinical Perfusion Fall Research Defense University of Nebraska Medical Center, Clinical Perfusion Education Omaha, Nebraska <u>https://www.unmc.edu/alliedhealth/educat</u>	12/13/21 Mon 2.8	2.8 CEUs
PerfWeb 74 – The Economy of Perfusion MediWeb Live, Interactive Webinar (Online Only)	12/16/21 Thu 2.4	2.4 CEUs
<u>www.PerfWeb.us</u>		
<u>January 1, 2022</u>		
18 <sup>th</sup> Annual Winter Park Perfusion Conference Doc Phiroz Winter Park, Colorado	01/9-12/22 Sun 4.8 Tue 7.2	26.4 CEUs Mon 7.2 Wed 7.2
18 <sup>th</sup> Annual Winter Park Perfusion Webinar Doc Phiroz Live, Interactive Webinar (Online Only)	01/9-12/22 Sun 4.8 Tue 7.2	26.4 CEUs Mon 7.2 Wed 7.2
Perfusion Stories Out of Africa SpecialtyCare Live, Interactive Webinar (Online Only)	01/19/22 Wed 1.2	1.2 CEUs
https://learn.specialtycareus.com/perfusion_improve	cv_surgery_	werbinar.html

43<sup>rd</sup> Annual Seminar of the American Academy of Cardiocascular 02/9-12/22 43.2 CEUs

Meeting Location	Date	CEUs
<i>Perfusion meeting</i> The American Academy of Cardiovascular Perfusion Lost Pines, Texas	Wed 3.6 Fri 12.0	Thu15.6Sat12.0
www.theaacp.com		
43 <sup>rd</sup> Annual Seminar of the American Academy of Cardiovascular Perfusion Virtual Meeting The American Academy of Cardiovascular Perfusion Live, Interactive Webinar (Online Only) <u>www.theaacp.com</u>	02/10-12/22 Thu 12.0 Sat 12.0	36.0 CEUs Fri 12.0
2 <sup>nd</sup> Annual UPMC Children's Hospital of Pittsburgh's Da Silva Center for Ebstein's Anomaly Symposium UPMC Children's Hospital of Pittsburgh Pittsburgh, Pennsylvania <u>https://cce.upmc.com/da-silva-center-ebster</u>	02/12/22 Sat 4.4	4.4 CEUs
Nebraska Perfusion Society Annual Meeting Nebraska Perfusion Society Omaha, Nebraska	02/12/22 Sat 7.5	7.5 CEUs
38 <sup>th</sup> Annual Children's National Symposium – ECMO & Advanced therapies for Cardiac & Respiratory Failure Children's National Hospital, WDS Live, Interactive Webinar (Online Only) https://childrensnational.org/healthcare-providers/healthcare-	02/13-15/22 Sun 3.0 Tue 5.4 education/con	15.0 CEUs Mon 6.6 tinuing-education-and-
conferences/conferences-and-other-opportun		
Minimally Invasive Extracorporeal Circulation SpecialtyCare Live, Interactive Webinar https://learn.specialtycareus.com/perfusion_improve	02/16/22 Wed 1.2	1.2 CEUs webinar.html
Houston Annual Shock Symposium UTHealth Houston, Texas <u>https://med.uth.edu/cahf/houston-shoc</u>	03/4-7/22 Fri 13.4 Sun 4.8	28.2 CEUs Sat 8.2 Mon 1.8
Chicagoland Perfusion Foundation 2022 Annual Meeting Chicagoland Perfusion Foundation Chicago, Illinois <u>https://www.chiperfound.co</u>	03/05/22 Sat 8.1 org	8.1 CEUs
PerfWeb 77 MediWed Live, Interactive Webinar (Online Only) <u>https://library.perfusioneducation.com/video/perfweb-77-day-1</u> repositioning-a-dual-lumen-ecmo		3.6 CEUs Wed 1.2 <u>cino-journal-club-safely-</u>

repositioning-a-dual-lumen-ecmo-cannula

https://library.perfusioneducation.com/video/perfweb-77-d		owledge-nuggets-
<u>understanding-oxygen-free-i</u> https://library.perfusioneducation.com/video/perfw		s-of-abg-s
The Houston Aortic Symposium: Frontiers in Cardiovascular Diseases, the Fourteenth in the series Promedica International CME Houston, Texas http://www.houstonaorticsympo	03/10-12/22 Thu 7.26 Sat 2.9	17.96 CEUs Fri 7.8
PerfWeb 78 MediWeb	03/15-17/22 Tue 1.2	3.6 CEUs Wed 1.2
Live, Interactive Webinar (Online Only)	Thu 1.2	1100 112
https://library.perfusioneducation.com/video/perfweb-78-da		o-journal-club-air-
inflammation-and-biocompa		
https://library.perfusioneducation.com/video/perfweb-78-day-	· · ·	ledge-nuggets-urine-
output-on-cpb-when-is-enoug https://library.perfusioneducation.com/video/perfweb-78-day-3-		educe-urine-output-on-
cpb-what-is-the-eviden		<u>cudee-urme-output-on-</u>
Lessons Learned on Applying ECMI to Severely Ill Covid-19	03/16/22	1.2 CEUs
Patients	Wed 1.2	
SpecialtyCare Live, Interactive Webinar		
https://learn.specialtycareus.com/perfusion_impro	ve cy surgery werhi	inar html
https://tearn.specialcycareas.com/perfusion_impro	ve_ev_surgery_were	
Pre-Conference Workshop	03/29-31/22	10.8 CEUs
American Society of Extracorporeal Technology	Tue 3.6	Wed 3.6
(AmSECT)	Thu 3.6	
Live, Interactive Webinar (Online Only)	national conforma	
https://www.amsect.org/page/60th-inter	national-conference	
60 <sup>th</sup> AmSECT International Conference	04/7-10/22	29.9 CEUs
American Society of Extracorporeal Technology	Thu 8.1	Fri 9.6
(AmSECT)	Sat 8.0	Sun 4.2
Phoenix, Arizona		
https://www.amsect.org/page/60th-inter	national-confernece	
ECMO in ICU	04/13/22	1.2 CEUs
SpecialtyCare	Wed 1.2	1.2 0105
Live, Interactive Webinar (Online Only)		
https://learn.specialtycareus.com/perfusion_improv	<u>ve_cv_surgery_werbi</u>	inar.html
DorfWab 81	04/23-25/22	87 CEU
PerfWeb 81 MediWeb	Sat 2.4	8.7 CEUs Sun 1.2
Live, Interactive Webinar (Online Only)	Mon 5.1	5un 1.2
https://library.perfusioneducation.com/video/perfweb-81-racia		etry-wolf-parkinson-
white-syndrome-day-	*	

https://library.perfusioneducation.com/video/perfweb-81-new-teg	chnology-ecmo-with-th	ne-spectrum-system-	
<u>day-2</u> https://library.perfusioneducation.com/video/perfweb-81-ecmo-and-angiovac-simulations-day-3			
PerfWeb 79	04/26-28/22	3.6 CEUs	
MediWeb	Tue 1.2	Wed 1.2	
Live, Interactive Webinar (Online Only)	Thu 1.2		
https://library.perfusioneducation.com/video/perfweb-79-	the-future-of-the-ameri	can-board-of-	
cardiovascular-perfusion-a	· · · · · · · · · · · · · · · · · · ·		
https://library.perfusioneducation.com/video/perfweb-79-the-tu			
https://library.perfusioneducation.com/video/perfweb-79-neur	ocognitive-decline-foll	owing-cpb-day-3	
Sanibel Symposium General Sessions	04/27-30/22	40.4 CEUs	
Perfusion.com, Inc.	Wed 12.5	Thu 11.9	
Fort Myers, Florida	Fri 9.8	Sat 6.2	
http://www.perfusion.com/sym		200 012	
	-		
Clinical Perfusion Education	05/05/22	2.1 CEUs	
University of Nebraska Medical Center	Thu 2.1		
Omaha, Nebraska			
https://www.unmc.edu.alliedhealth/educa	tion/cpe/index.html		
Wisconsin Perfusion Society 29 <sup>th</sup> Annual Spring Educational	05/07/22	12.6 CEUs	
Meeting	Sat 12.6	12.0 CL03	
Wisconsin Perfusion Society			
Madison, Wisconsin			
www.wisperfusion.org	I. Contraction of the second sec		
Oxygen Delivery as a Key Quality Indicator for Adequate	05/11/22	1.2 CEUs	
Perfusion	Wed 1.2	1.2 CEUS	
SpecialtyCare	Wed 1.2		
Live, Interactive Webinar (Online Only)			
https://learn.specialtycareus.com/perfusion_improv	ve_cv_surgery_webina	<u>r.html</u>	
Baylor Scott & White ECMO Conference	05/20/22	7.5 CEUs	
Baylor Scott & White Health	Fri 7.5		
Temple, Texas	DECMO		
Https://ce.bswhealth.com/202	<u>ZECIVIO</u>		
32 <sup>nd</sup> SEECMO Conference	05/20-22/22	17.7 CEUs	
Monroe Carell Jr. Children's Hospital at Vanderbilt	Fri 5.1	Sat 9.0	
Nashville, Tennessee	Sun 3.6	- · -	

https://www.eventbrite.com/e/specialist-education-in-extracor	poreal-membrane-oxy	genation-seecmo-
tickets-198589495527	-	-
PerfWeb Extra MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	05/21/22 Sat 2.4	2.4 CEUs
PerfWeb 80 MediWeb Live, Interactive Webinar (Online Only) <u>https://library.perfusioneducation.com/video/perfweb-80-preopentive-strochttps://library.perfusioneducation.com/video/perfweb-80-firesideorgan-availability-work-life-irr https://library.perfusioneducation.com/video/perfweb-80-firesideorgan-availability-work-life-irr</u>	<u>ke-day-1</u> <u>le-chat-donation-after-</u> nbalance	cardiac-death-dcd-
Hoosier Extracorporeal Science Conference Heartbeat Perfusion Solutions, Inc. Indianapolis, Indiana <u>https://www.heartbeatperfusion.com/events/hoosier-extracted</u>	05/25-26/22 Wed 8.7	21.3 CEUs Thu 12.6
Mid-Atlantic VAD and ECMO Symposium (MAVES) Maryland State Perfusion Society, Inc. Live, Interactive Webinar (Online Only) <u>www.mdperfusion.com/ev</u>	05/30/22 Mon 10.9 ents/	10.9 CEUs
THI Perfusion Conference June 2022 Texas Heart Institute Houston, Texas <u>www.texasheart.org</u>	06/2-4/22 Thu 4.8 Sat 8.6	20.9 CEUs Fri 7.5
2022 ASAIO Annual Conference American Society for Artificial Internal Organs Chicago, Illinois <u>https://asaio.org/conferen</u>	06/08-11/22 Wed 21.6 Fri 6.0	38.18 CEUs Thu 6.38 Sat 4.2
The Rewards and Challenges of Being a Per Diem Perfusionist SpecialtyCare Live, Interactive Webinar <u>https://learn.specialtycareus.com/perfusion_improv</u>	06/15/22 Wed 1.2 we_cv_surgery_webina	1.2 CEUs <u>r.html</u>
<ul> <li>5<sup>th</sup> International MiECTiS Symposium in Conjunction with the SCSP Spring Meeting Canadian Society of Clinical Perfusion Ontario, Canada <u>https://cscp.ca/events/region</u></li> </ul>	06/16-19/22 Thu 2.4 Sat 9.0 nal-meeting	27.0 CEUs Fri 9.6 Sun 6.0

CEUs

Date

**Meeting Location** 

PerfWeb 81 MediWeb Live, Interactive Webinar (Online Only) https://library.perfusioneducation.com/video/perfweb-81-racial- white-syndrome-day-1 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect gay-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2 https://library.perfusioneducation.com/video/perfweb-81-new-tect day-2	hnology mo-and 07/20/ Wed	2.4 5.1 pulse-oximetry -ecmo-with-the -angiovac-sime 22 1.2	<u>e-spectr</u> 1lations- 1.2 CF	1.2 parkinson- rum-system- -day-3
Pittsburgh Heart Team Summit St. Clair Health Pittsburgh, Pennsylvania <u>https://www.stclair.org/heart_s</u>	07/22/ Fri <u>summit/</u>	22 10.2	10.2 C	CEUs
Case Reports in the Sun Webinar Florida Perfusion Society Live, Interactive Webinar <u>www.flperfusion.org</u>	07/22- Fri	23/22 10.0	19.8 C Sat	CEUs 9.8
PerfWeb 82 MediWeb Live, Interactive Webinar <u>www.PerfWeb.us</u>	07/26/ Tue	22 7.2	7.2 CI	EUs
Michigan Perfusion Society Summer Meeting Michigan Perfusion Society and The Michigan Society Of Thoracic and Cardiovascular Surgeons Boyne Falls, Michigan <u>www.miperfusion.org</u>	08/12- Fri Sun	14/22 12.6 6.0	30.0 C Sat	EUs 11.4
Should Healthcare Workers be Arrested for Accidents? SpecialtyCare Live, interactive Webinar <u>https://learn.specialtycareus.com/perfusion_improve</u>	08/17/ Wed	1.2	1.2 CH <u>r.html</u>	EUs
PerfWeb 83 MediWeb Live, Interactive Webinar <u>www.PerfWeb.us</u>	08/22- Mon Wed	25/22 2.4 1.2	6.0 CH Tue Thu	EUs 1.2 1.2
25 <sup>th</sup> Annual Update on Pediatric and Vcongenital Cardiovascular Disease Children's Hospital of Philadelphia Huntimgton Beach, California	· 08/30- Tue Thu Sat	09/03/22 11.5 6.6 6.3	43.4 C Wed Fri	CEUs 9.9 9.1

# www.chop.edu/cardiology2022

14 <sup>th</sup> Branislav "Brano" Radovancevic Heart Failure Forum Memorial Hermann TMC, Abbott, and ABIOMED Treste, Italy <u>https://www.brano-hff.o</u>	09/06-08/22 Tue 9.6 Fri 8.1 rg	49.8 CEUs Wed 32.1
19 <sup>th</sup> Annual Perioperative and Critical Care Conference The Society of Thoracic Surgeons & Corexcel Denver, Colorado <u>https://www.sts.org/meetings/calendar-of-events/19th-annual-p</u>	09/08-10/22 Thu 4.8 Sat 3.9 erioperative-and-critic	16.9 Fri 8.2 cal-care-conference
Virginia Perfusion Symposium Virginia Perfusion Society Falls Church, Virginia www.virginiaperfusion.co	09/10-11/22 Sat 7.6	11.6 CEUs Sun 4.0
33 <sup>rd</sup> Annual ELSO Conference 2022 Extracorporeal Life Support Organization Boston, Massachusetts <u>https://www.elso.org/ecmo-education/2022</u>	09/14-17/22 Wed 3.9 Fri 8.2 2ELSOMeeting.aspx	23.0 CEUs Thu 8.5 Sat 2.4
Pennsylvania State Perfusion Society 2022 Spring Meeting Pennsylvania State Perfusion Society Pittsburgh, Pennsylvania	09/15-17/22 Thu 3.6 Sat 5.5	19.0 CEUs Fri 9.9
PerfWeb 84 MediWeb Live, Interactive Webinar (Online Only) <u>www.PerfWeb.us</u>	09/29-30/22 Thu 2.5 Fri	5.0 CEUs 2.5
13 <sup>th</sup> Annual Neonatal & Pediatric ECLS Education Conference UPMC Children's Hospital of Pittsburgh Live, Interactive Webinar (Online Only) <u>https://cce.upmc.com/annual-neonatal-and-pe</u>	10/5-7/22 Wed 5.8 Fri 5.9 ediatric-ecls-conferenc	19.2 CEUs Thu 6.5 <u>e</u>
27 <sup>th</sup> Annual Illinois State Perfusion Society Educational Conferent Illinois State Perfusion Society Live, Interactive Webinar (Online Only) <u>www.illinoisperfusion.oo</u>	Sat 10.4	10.4 CEUs
Pediatric Respiratory Failure and the Role of VV ECMO Invosurg Live, Interactive Webinar (Online Only) <u>www.invosurg.com</u>	10/11/22 Tue 1.5	1.5 CEUs
PerWeb 85 MediWeb	10/13-14/22 Thu 1.8	3.6 CEUs Fri 1.8

Live, Interactive Webinar (Online Only)

www.PerfWeb.us

41 <sup>st</sup> Annual Cardiothoracic Surgery Symposium (CREF 2022) Meeting Amedco and Aligned Management Associates Inc. San Diego, California	10/19-22/22 Wed 5.9 Fri 12.0	43.9 CEUs Thu 9.9 Sat 13.1
https://www.crefmeeting.c	<u>20111</u>	
41 <sup>st</sup> Annual Cardiothoracic Surgery Symposium (CREF 2022) Webinar Amedco and Aligned Management Associates Inc. Live, Interactive Webinar (Online Only) <u>https://www.crefmeeting.c</u>	10/19-22/22 Wed 5.3 Fri 12.6	40.0 CEUs Thu 9.0 Sat 13.1
Minnesota Perfusion Society 2022 Meeting Minnesota Perfusion Society Minneapolis, Minnesota <u>https://www.eventbrite.com/e/minnesota-perfusion-society-</u>	10/21-23/22 Fri 4.8 Sun 5.6 2022-meeting-tickets-2	20.4 CEUs Sat 10.0 368514074517
PerfWeb Special – The Kidney MediWeb Live, Interaction Webinar (Online Only) <u>www.PerfWeb.us</u>	10/22/22 Sat 5.7	5.7 CEUs
An Update on Perfusion Techniques That Optimize Outcomes for Patients Undergoing Aortic Surgery SpecialtyCare Live, Interactive Webinar (Online Only) <u>https://learn.specialtycareus.com/perfusion_improve</u>	Wed 1.2	1.2 CEUs <u>r.html</u>
Advances in Quality and Outcomes: A Data Managers Meeting The Society of Thoracic Surgery & Corexcel Providence, Rhode Island <u>https://www.sts.org/meeting/calendar-of-events/2022-advances-</u>	10/26-28/22 Wed 12.6 Fri 13.5 quality-outcomes-data	36.3 CEUs Thu 10.2
33 <sup>rd</sup> Annual Cardiovascular Interventions Promedica International CME La Jolla, California <u>https://www.cvinterventions</u>	10/26-28/22 Tue 4.8 Thu 11.4 s.com	27.6 CEUs Wed 11.4
24 <sup>th</sup> Annual Update on Perfusion Conference Medical University of South Carolina Charleston, South Carolina <u>https://chp.musc.edu/academics/cvp/conference</u>	10/27-29/22 Thu 1.8 Sat 8.4 <u>ce/conference-program</u>	17.7 CEUs Fri 7.5 <u>1</u>

2022 National Meeting	10/28	-30/22	26.4 CEUs
Canada Society of Clinical Perfusion	Fri	9.6	Sat 7.2
Live, Interactive Webinar (Online Only)	Sun	9.6	
https://www.cscp.events/nationa	ll-metir	Ig	
St. Louis Shock Symposium		-30/22	14.7 CEUs
Washington University & Barnes Jewish Hospital	Sat	10.5	Sun 4.2
Saint Louis, Missouri	~		
https://stlouisshocksymposium	<u>n.com/</u>		
NYSSP 2022 One Day Scientific Symposium	11/5/2	00	10.5 CEUs
New York State Society of Perfusion/Hofstra University	Sat	10.5	10.5 CE08
Hempstead, New York	Sat	10.5	
<b>1</b>	vonthe	to com	
https://NYSSPPerfusionSymposium.e	ventori	<u>lte.com</u>	
Can Stress be Managed or Just Tolerated?	11/16	177	1.2 CEUs
SpecialtyCare	Wed		1.2 CLU5
Live, Interactive Webinar (Online Only)	wcu	1.2	
https://learn.specialtycareus.com/perfusion_improve		roery werbing	r html
<u>mtps://team.speciatyeareus.com/pertusion_mprov</u>		<u>irgery_werbina</u>	<u>1.iitiiii</u>
PerfWeb 86	11/21	-22/22	6.0 CEUs
MediWeb	Mon		Tue 3.0
Live, Interactive Webinar (Online Only)	WIOII	5.0	Tue 5.0
www.PerfWeb.us			
Mayo Clinic's Current Concepts in Extracorporeal Life Support;	11/30	-12/3/22	28.8 CEUs
Medical Management and High-Fidelity Cannulation	Wed	6.0	Thu 7.8
Simulations 2022	Fri	7.8	Sat 7.2
Mayo Clinic		1.0	540 7.2
Live, Interactive Webinar (Online Only)			
www.ce.mayo.edu/adultecmo	2022		
	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		
14 <sup>th</sup> Annual Master Class in Congenital Cardiac Morphology;	12/10	/22	6.6 CEUs
Tetrology of Fallot	Sat	6.6	
UPMC Children's Hospital of Pittsburgh	~		
Pittsburgh, PA			
https://cce.upmc/14th-annual-masterclass-c	ardiac-	morphology	
		<u>morphology</u>	
January 1, 2023			
Junuur J 1, 2020			
Lifetime Management of the Aorta	1/7/23		7.2 CEUs
UPMC Children's Hospital of Pittsburgh	Sat	7.2	

Pittsburgh, PA

https://cce.upmc.com/lifetime-management-aorta-2023

A Random Clinical Trial of Perfusion Modalities on Cerebral Hemodynamic, Pediatric Logistic Organ Dysfunction Score, and Clinical Outcomes in Congenital Heart Surgery Patients SpecialtyCare Live Interactive Webinar (Online Only) <u>https://learn.cpecialtycareus.com/perfusioin_impro</u>	1/17/23 Tue 1.2 <u>ve cv surgery webin</u>	1.2 CEUs <u>ar.html</u>	
44 <sup>th</sup> Annual Seminar of the	2/1-4/23	43.8 CEUs	
American Academy of Cardiovascular Perfusion – Live	Wed 3.6	Thurs 16.2	
American Academy of Cardiovascular Perfusion Savannah, GA	Fri 12.0	Sat 12.0	
www.theaacp.co	<u>om</u>		
	2/2 1/22		
44 <sup>th</sup> Annual Seminar of the American Academy	2/2-4/23 Thurs 12.6	36.6 CEUs Fri 12.0	
of Cardiovascular Perfusion – Webinar American Academy of Cardiovascular Perfusion	Sat 12.0	ГП 12.0	
Live Interactive Webinar (Online)	5at 12.0		
https://www.theaacp.com/2023	-annual-meeting/		
Nebraska Perfusion Society Annual Meeting	2/11/23	6.3 CEUs	
Nebraska Perfusion Society	Sat 6.3		
Omaha, NE https://unmc.zoom.us/j/93631924063?pwd=VzdNRI	IkdmV1TTFRdVhVd	WNrUicwUT09	
$\frac{1}{100}$	<u>JKum i i i i i i ku v ii v u</u>		
3rd Annual UPMC Children's Hospital of Pittsburgh's	2/11/23	4.9	
Da Silva Center for Ebstein's Anomaly Symposium	Sat 4.9		
Pittsburgh, PA			
https:// <u>cce.upmc.com/3rd</u> Annual_UPMC_Children's_Hospital_of_Pittsburgh's_DaSilva_Center_for			
Ebstein's_Anomaly_Symposium UPMC-Center_for_Continu	ing_Education_in_the	_Health_Sciences	
Annual Cleveland Clinic Meeting	2/16-18/23	23.0 CEUs	
Cleveland Clinic	Thurs 9.9	Fri 9.0	
Orlando, FL	Sat 4.1		
https://www.clevelandclinicneded.com/liv	e/corses.CongenitalHe	eart23/	
26 <sup>th</sup> Annual Update on Pediatric and	2/23-26/23	29.0 CEUs	
Vcongenital Cardiovascular Disease	Thurs 2.1	Fri 12.0	
Children's Hospital of Philadelphia	Sat 6.0	Sun 8.9	
www.chop.edu/cardiol			
Que en Derfusion Same '	2/25/22		
Organ Perfusion Summit	2/25/23	10.0 CEUs	
Maryland State Perfusion Society Frederick, MD	Sat 10.0		
https://mdperfusion.com/ev	<u>ernts/</u>		

Meeting Location	Date CEU	ls
39 <sup>th</sup> Annual Children's National Symposium ECMO & The Advances Therapies For Respiratory & Cardiac Failure Children's National Hospital, WDS Live Interactive (Online only)	2/23-3/1/23 Sun 5.4 Tue 6.3	22.8 CEUs Mon 6.3 Wed 4.8
https://childrensnational.org/healthcare-providers/hea conferences/conferences-and-other-o		-
2023 Chicagoland Perfusion Foundation Meeting Chicagoland Perfusion Foundation Des Plaines, IL	3/4/23 Sat 12.0	12.0 CEUs
https://www.chiper	rtound.org	
Intraoperative Neuromonitoring for Cardiac Procedures 2 UPMC Procirca Pittsburgh, PA	2023 3/11/23 Sat 8.3	8.3 CEUs
https://procirca.com/cardiac-ne	uromonitoring-course/	
The Houston Aortic Symposium: Frontiers in Cardiovascular Diseases The Fifteenth in the Series Houston, TX http://www.houstonaortic	3/16-18/23 Thurs 7.8 symposium.com/	15.38 CEUs Fri 7.58
61 <sup>st</sup> AmSECT International Conference American Society of Extracorporeal Technology Orlando, FL <u>https://www.amsect.org/Events-Education.</u>	3/23-26/23 Thurs 10.8 Sat 9.3 Mon 1.8 /International-Conference/A	39.6 CEUs Fri 12.0 Sun 5.7 genda
Adult ECMO Specialist Course (April-May) MediWeb.us Web Based Didactic Houston, TX MediWeb.	4/6-7/2023 & 5/4-5/23 Thu 10.2 Thu 9.0 us	40.80 CEUs Fri 10.8 Fri 10.8
Houston Annual Shock Symposium UTHealth Houston, TX <u>https://med.uth.edu/cahf/houst</u>	4/14-16/23 Fri 11.7 Sun 9.0 on-shock-symposium/	29.8 CEUs Sat 9.1

Meeting Location	Date	CEUs
Wisconsin Perfusion Society 29 <sup>th</sup> Annual Spring Educational Med Wisconsin Perfusion Society Madison, WI <u>www.wisperfusion.org</u>	4/14-16/23 Fri 6.6 Sun 6.0	22.2 CEUs Sat 9.6
Rethinking Perfusion Education: Expanding Clinical Roles and A	pplications	
	4/19/23	1.2 CEUs
Webinar	Wed 1.2	
https://learn.specialtycareus.com/perfusion_improv	e_cv_surgery_	werbinar.html
The 13th International Congress of the Croatian Society of Extra	· ·	
	4/21-22/202	
Omiš, Croatia	Fri 8.4	Sat 6.6
https://huzec-omis2023.c	<u>)   /</u>	
11 <sup>th</sup> EuroELSO Congress	4/26-29/23	24.4 CEUs
EuroELSO Congress	Wed 4.8	Thurs 6.6
Congress Centre Lisbon, Portugal	Fri 7.8	Sat 5.2
www.euroelso-congress.c	<u>com</u>	
Clinical Perfusion	5/4/2023	3.6 CEUs
University of Nebraska Medical Center		
Omaha, NE		
https://www.unmc.edu/alliedhealth/educa	tion/cpe/index	. <u>html</u>
MID Atlantic VAD and ECMO Symposium	5/6/2023	10.0 CEUs
Maryland State Perfusion Society, INC	Sat 10.0	
Maryland https://mdperfusion.com/eve	nts/	
nups.//mapertusion.com/ew	<u>51118/</u>	
Ontario Society of Clinical Perfusion conference 2023	5/6-7/2023	16.2 CEUs
Ontario Society of Clinical Perfusion Ingersol, Ontario	Fri 4.8	Sat 11.4
www.oscp.ca		
www.osep.ea		
Specialist Education in ECMO (SEECMO) 2023	5/19-21/202	
Giles J Peek, MD	Fri 3.2 Sun 4.4	Sat. 7.6
Gainesville, FL https://seecmo2023.cme.uf		
https://seechio2025.che.ur	<u>uu/</u>	

Meeting Location	Date	CEUs
Canadian Society of Clinical Perfusion Eastern Region and Cana Canadian Society of Clinical Perfusion/Canadian Society		
Halifax, Nova Scotia	5/25-28/2023	-
Canada	Thu 2.4	Fri 12.4
	Sat 8.2	Sun 5.5
https://cscp.ca/events/regional-	-meeting	
2nd Annual Hoosier Extracorporeal Science Conference	5/26-27/2023	18.6 CEUs
Heartbeat Perfusion Solutions, Inc.	Fri 11.4	Sat 7.2
https://hesc.vfairs.com	<u>/</u>	
Baylor Scott & White ECMO Symposium	6/1-2/2023	14.00 CEUs
Foundation for Andaced Cardiovascular Education and Tr	0// = 0 = 0	
Dallas, TX	Thur. 6.8	Fri 7.2
,		
https://thefacet.org/conferences	/detail/98	
Nemours 2023 ECMO Conference	6/22/2023	6.1 CEUs
Nemours Children's Hospital	Thur 6.1	0.1 CL03
Orland, FL	111df 0.1	
Heart & Vascular Conference	11/3/23	7.2 CEUs
University of Michigan Health West	Fri 7.2	
Grand Rapids, MI	C /	
https://uofmhelathwest.org/hearto	conterence/	

# **Self-Directed Continuing Education (SDCE) Courses**

SDCEs awarded for courses **completed before expiration date**. (SDCEs awarded in excess of 10 or <u>after</u> expiration date may be claimed as Category III - Self-Study Modules)

# 25 SDCEs may be reported: 10 Category I - SDCE, and 15 Category III - Self-Learning Activities

Nashville Perfusion Conference 2018 Congestive Heart Failure Pharmacology of Congestive Heart Failure

7.0 SDECs 3.0 4.0 Expires December 31, 2018

http://healthcareceus.net/

AmSECT University Courses July 1, 2016-June 30, 2017 - 207 Titles Each Equal 1 CEU except for those marked BOLD and \* which are worth .5 CEU http://www.amsect.org/page/amsect-university

Methodology of Creating Anticoagulation Task Force Anticoagulation Monitoring Improving Outcomes with Anticoagulation Management **Understanding Coagulation Tests** Understand the Role of Factor Concentrates A Wise Investment for the Patient and the Hospital System Effective Blood Management Programs, Door to Door Evidence-based Transfusion Practice and Patient Blood Management Programs The Blood Management Movement in Surgery: Get on Board **Coagulation Metrics and Blood Product Recommendations** Introduction to Interpret TEG's AABB Standards of Preoperative Autologous Blood Collection and Administration SABM Blood Management Standards Perfusion's Role in Blood Management Guidelines Collection, Analysis and Presentation of Blood Utilization Data to Improve Practice and Reduce Costs Patient Blood Management Strategies (PBM): More than Restrictive Transfusion Is Patient Blood Management Safe? Acute Normovolemic Hemodilution Red Blood Cell Conservation: A Surgeons Journey **Red Cell Preservation** The Perfusion Review Course: Study Tips for Taking High Stakes Exams The Perfusion Review Course: Acid Base Physiology Perfusion Review Course: Biochemistry Perfusion Review Course: Cardiovascular Physiology Perfusion Review Course - Congenital Acquired Pathology I Perfusion Review Course - Congenital Acquired Pathology II

Perfusion Review Course - Congenital Acquired Pathology III Perfusion Review Course - Congenital Acquired Pathology IV Perfusion Review Course: Drugs and Agents I Perfusion Review Course: Drugs and Agents II Perfusion Review Course: Drugs and Agents III Perfusion Review Course Drugs Common to Perfusion Perfusion Review Course: Mathematics for Perfusion Technology Perfusion Review Course: Myocardial Protection Perfusion Review Course: Perfusion Equipment and Components Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices I Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices II Perfusion Review Course: Perfusion Methodology - Pediatrics Part I Preparation Perfusion Review Course Perfusion Methodology: Pediatrics Part II Practice Perfusion Review Course: Perfusion Methodology - Routine CPB Perfusion Review Course: Perfusion Methodology - Routine CPB II Perfusion Review Course: Perfusion Methodology - Special CPB Procedures I Perfusion Review Course: Perfusion Methodology - Special CPB Procedures II Perfusion Review Course: Physiology of Non- Blood Fluids Perfusion Review Course: Renal Physiology Perfusion Review Course: Respiratory Anatomy Perfusion Review Course: Respiratory Anatomy II Perfusion Review Course: Respiratory Anatomy III Welcome to What Makes a Good Clinical Instructor? Perfusion 101: The Basics Introduction To AmSECT U: What is it all about? **Introduction to Flipped Classroom** .5 CEUs Abiomed Impella HeartWare HVAD Part I: Equipment Set-up HeartWare HVAD Part II: System Alarms and Emergency Management St. Jude (Thoratec) HeartMate II Review Course: Adult Cardiac and Vascular Anatomy Physiology of Blood Fluids 2014 Updates to the Standards and Guidelines Standards and Guidelines Blending Industry and Clinical Practice to Achieve Standards and Guidelines Alphabet Soup: Costs, Charges, Administrative Data and Clinical Data Acute Normovolemic Hemodilution: An Approach Towards Estimating Its Value **Plasma Substitutes** How to Optimize the Use of Plasma Substitutes, Factor Concentrates and Artificial Bloods in the Real World Antithrombin - What the Perfusionist Needs to Know Introduction To Transfusion Medicine The Pathophysiology Underlying the Role of Transfusion in Post-Operative Morbidity and Mortality The Perfusionist's Leadership Role in a Diversified Healthcare Environment Staff to Leader, Chief to Beyond: Leadership Skills That Continue beyond the Chief Role Managing Within the Law

The Role of Transfusion in Post-Operative Morbidity and Mortality: Emerging Science and Clinical Registries Why have a State Perfusion Society Deconstructing the Legislative Process Influencing Legal Decisions I Influencing Legal Decisions II State Legal Credentialing Medical Malpractice and Legal Issues Introduction to Clinical Procedure Guidelines for Perfusionists Never Fear Affordable HealthCare is Here! A Primer in Leadership Development, Negotiating in and Out of the OR How Do I Negotiate? Negotiating In and Out of the OR: What Are You Talking About? Introduction to Designing a Quality Plan Think Practice: Think Safety How to Use Quality and Cost to Motivate Your Team Challenging the STS Guidelines Accreditation and Regulatory Readiness Update for the JTC What Is In Your Perfusion Safety Tool Box? Leadership Development: Engaging Your Team Endocrine, Metabolic and Splanchnic Changes on CPB Hypoplastic Left Heart Syndrome: A Hybrid Approach Welcome to Endothelial Glycocalyx: Microbubble Damage and Tissue Edema Understanding the Role of the Glycocalyx to Microvasculature Integrity: Clinical Complication Understanding Microvasculature from the Research Bench to the Operating Room **Oxygen Transport Calculations** Congenital Defects and Corrective Surgery I Congenital Defects and Corrective Surgery II Lean Body Mass: Understanding Metabolism in Obese Patients **Continuous Renal Replacement Therapy** Introduction to ECMO Principles of VA ECMO Principles of VV ECMO Ethics in ECLS Care Indications and Results of Long-Term Support Cross-Country High Risk Transport Cardio Help 1 Congenital Cardiac Anesthesia Society Registry **Congenital Cardiac Surgery Database** Defining Optimal Peri-CPB Fluid Balance for the Ped Patient Sentinel Event: Correction of AV Canal Defect Sentinel Events Case Reports Accuracy of Epigastric Saturation in Predicting NEC Del Nido Cardio: Elixir of Choice for Peds The Importance of a Team Huddle Optimized CPB in the Neonate **ABO** Incompatible Heart Transplants

Introduction to Ventilation 118 Spectrum M: Non-Invasive Blood Gas Management Electronic Medical Records are important for Debate FDE Recommendations for ALL Heater Coolers LivaNova 3T Heater Cooler Members Class Use of the Hemobag Hemobag to Concentrate Residual Pump Blood Point of Care Testing Devices 2106 Compliance Rotem 101: Basics of Interpretation Rotem 102: Case Studies and Specialized Apps **TEG Basic Clinician Training TEG Bleeding Profiles TEG:** Special Circumstances Myocardial Protect: A Topic We Take for Granted MP: The Science and Pathophysiology of Ischemic Injury Could Clinical Outcome Registries Bring us Closer to Consensus An Introduction to Whole Blood Modified Single Dose Cardioplegia Strategy for Adults Custodial Cardioplegia: A Single-dose Hyperpolarizing Solution Whole Blood Cardioplegia: Do We Still Need to Dilute? Concentrated Del Nido using the Quest Perfusionists' Perspective on Using the Quest The Custodial Cardioplegia Protocol Cardioplegia Demonstration Del Nido for Adults Del Nido Cardioplegia Using a Small Circuit Angiovac Case Studies Cold Agglutinins and Cardiac Surgery Developments in the Surgical Management of Hypertrophic Cardiomyopathy HIPEC: Hyperthermic Intraperitoneal Chemotherapy Immune Mechanisms in Vascular Remodeling: Intimal Hyperplasia Ultrafiltration in Cardiopulmonary Bypass Minimally Invasive Thrombectomy the AngioVac System Strategies for Improving Adequacy During Complex Surgical Repairs Requiring **Circulatory Arrest** End of Case: Autotransfusion Goal Directed Fluid Management for Adult Cardiac Patients Retrograde Autologous Prime: An Approach to Estimating its Value Where Our Product Ideas Go to Flourish, Flounder or Flop: a Perspective on Industry-Clinician Product Development and Partnership Innovations in Perfusion Management: Spectrum Medical Dissolving mysteries, myths and legends of Preoperative fluid management Quantum is Here! **Oxygenator** Failure How to Get Published Introduction to Scientific Research and Writing **Developing a Consensus Statement** Evidence Based Practice - A Primer for Perfusionists ANOVA: Analysis of Variance (F-test)

Date CEUs

T-Tests and their Non-Parametric Equivalent **Descriptive Statistics Right Sizing CPB Circuits** A Surgical Perspective: The Future of HIPEC and Its' Impact on Perfusion The Future of Perfusion Technology The Search for a Borrowed Heart Juniper's Story: A Case Report \*Adult Congenital Case Report : Complications from an Anomalous Coronary **During a Mitral Valve Replacement** \*Case Report: Application and Experiences of an Adult VAD in the Pediatric Setting Pro/Con Debate: Who Should Manage Adult Congenital Patients? Congenital Heart Disease in Adults: Operating Room Concerns in this Patient Population Practical Perfusion Considerations in Adult Congenital Cardiac Surgery \*Perfusion Supported Organ Recovery in Kidney Transplantation – a Single **Center Experience** \*Marginal Gains in Perfusion Utilizing a Dual Cardiotomy Reservoir **\*EVLP:** An Evolving Technique Standards and Guidelines Updates \*Safety in Perfusion at Mayo Clinic Rochester \*Building a Culture of Safety MGH \*Proposal of an AmSECT Center of Excellence FMEA Practicum: Improved Patient Care and Safety Failure Mode Effects Analysis (FMEA): reports how to assess potential safety issues and create reports for your team and institution \*Case Study: Safety of Low Doses Heparin vs. Conventional Heparin Dose **Heparin in Post Cardiotomy ECMO Patients** \*Perfusionists impact on improving patient experience \*Total Endoscopic Robotic Mitral Valve Surgery (TERMS) \*An Invitro Emboli Study of the Medtronic Fusion Oxygenator with and without a Medtronic Arterial Filter Compared to Sorin Inspire Oxygenator with **Medtronic Arterial Filter** \*The Impact of Four Different Wash Solutions on Autotransfusion Products \*Perfusion Mobile Guidelines Uses and Benefits **ABCP** Update \*Use of Perfusion Guidelines for Providing Optimal Care for the Patient with Fulminant Myocarditis Treated with a Bivad as a Bridge to Transplant **Using Bivalrudin** \*A Case Presentation on the Removal of Saddle Pulmonary Embolus with the Angiovac System and Veno-Arterial ECMO \*Standards and Guidelines for Accreditation of High-Fidelity Extracorporeal **Simulation Programs \*ECMO Interventions** \*Antithrombin and Heparin Doses Effects on Measures of Anticoagulation in **First Five Days of Infant-Pediatric ECMO** \*Maintaining Platelet Function in Whole Blood Stored During Acute Normovolemic Hemodilution: a Look at Temperature \*Factors Influencing Intraoperative Glycemic Control During Cardiac Surgery

#### with CPB

# \*Application of Goal-Directed Therapy for the Use of Concentrated Antithrombin for Heparin Resistance During Cardiac Surgery

Variance in Therapy as Registry Variables
Is It Time for Goal Directed Therapy in Perfusion?
Is Timing Everything?
\*Will Real-Time Monitoring Technology Be a Game Changer for Perfusion Safety?
Goal Directed therapy in critical care: Why this may be relevant for CPB?
My Mission Trip to Macedonia
Perfusion without boarders: The India Experience
Syncardia Total Artificial Heart Operational Overview and Troubleshooting

3D Printing: A tool in the hybrid approach to CHD

#### AmSECT UNIVERSITY 192 Courses approved July 1, 2017 – June 30, 2018 All Courses are 1 CEU <u>EXCEPT THOSE MARKED BY ASTRIC (\*)</u> which are worth <u>.5 CEUs</u>

#### **COLLEGE OF BLOOD MANAGEMENT**

Methodology of Creating Anticoagulation Task Force Anticoagulation Monitoring: Shouldn't we validate? Improving Outcomes with Anticoagulation Management **Understanding Coagulation Tests** Understand the Role of Factor Concentrates A Wise Investment for the Patient and the Hospital System Effective Blood Management Programs, Door to Door Evidence-based Transfusion Practice and Patient Blood Management Programs The Blood Management Movement in Surgery: Get on Board **Coagulation Metrics and Blood Product Recommendations** Introduction to Interpret TEG's AABB Standards of Preoperative Autologous Blood Collection and Administration SABM Blood Management Standards Perfusion's Role in Blood Management Guidelines Collection, Analysis and Presentation of Blood Utilization Data to Improve Practice and Reduce Costs Patient Blood Management Strategies (PBM): More than Restrictive Transfusion Is Patient Blood Management Safe? Acute Normovolemic Hemodilution Red Blood Cell Conservation: A Surgeons Journey **Red Cell Preservation** Acute Normovolemic Hemodilution: An Approach towards Estimating Its Value **Plasma Substitutes** How to Optimize the Use of Plasma Substitutes, Factor Concentrates and Artificial Bloods in the Real World Antithrombin - What the perfusionist needs to know **COLLEGE OF EDUCATION** 

The Perfusion Review Course: Study Tips for Taking High Stakes Exams

The Perfusion Review Course: Acid Base Physiology Perfusion Review Course: Biochemistry Perfusion Review Course: Cardiovascular Physiology Perfusion Review Course - Congenital Acquired Pathology I Perfusion Review Course - Congenital Acquired Pathology II Perfusion Review Course - Congenital Acquired Pathology III Perfusion Review Course - Congenital Acquired Pathology IV Perfusion Review Course: Drugs and Agents I Perfusion Review Course: Drugs and Agents II Perfusion Review Course: Drugs and Agents III Perfusion Review Course: Drugs Common to Perfusion Perfusion Review Course: Mathematics for Perfusion Technology Perfusion Review Course: Myocardial Protection Perfusion Review Course: Perfusion Equipment and Components Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices I Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices II Perfusion Review Course: Perfusion Methodology - Pediatrics Part I Preparation Perfusion Review Course: Perfusion Methodology - Pediatrics Part II Practice Perfusion Review Course: Perfusion Methodology - Routine CPB Perfusion Review Course: Perfusion Methodology - Routine CPB II Perfusion Review Course: Perfusion Methodology - Special CPB Procedures I Perfusion Review Course: Perfusion Methodology - Special CPB Procedures II Perfusion Review Course: Perfusion Methodology - Physiology of Non-Blood Fluids Perfusion Review Course: Perfusion Methodology - Renal Physiology Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy I Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy III Welcome to What Makes a Good Clinical Instructor? Review Course: Adult Cardiac and Vascular Anatomy Perfusion 101: The Basics Introduction to AmSECT U: What is it all about? **\*Introduction to Flipped Classroom** .5 CEUs Physiology of Blood Fluids

#### THE COLLEGE OF LEADERSHIP

The Perfusionists Leadership Role in a Diversified Healthcare Environment Staff to Leader, Chief to Beyond: Leadership Skills That Continue Beyond the Chief Role. Managing within the Law Why have a State Perfusion Society Medical Malpractice and Legal Issues Introduction to Clinical Procedure Guidelines for Perfusionists Never Fear Affordable HealthCare is Here! A Primer in Leadership Development, Negotiating In and Out of the OR How Do I Negotiate? Negotiating In and out of the OR: What are you talking about? Introduction to Designing a Quality Plan Think Practice: Think Safety How to Use Quality and Cost to Motivate Your Team Challenging the STS Guidelines Accreditation and Regulatory Readiness Update for the JTC 2014 Updates to the Standards and Guidelines Standards and Guidelines Blending Industry and Clinical Practice to Achieve Standards and Guidelines Alphabet Soup: Costs, Charges, Administrative Data and Clinical Data

#### **COLLEGE OF LIFE SCIENCES**

Endocrine, Metabolic and Splanchnic Changes on CPB Hypoplastic Left Heart Syndrome: A Hybrid Approach Endothelial Glycocalx: Microbubble Damage and Tissue Edema Understanding Microvasculature from the Research Bench to the Operating Room **COLLEGE OF MECHANICAL CIRC SUPPORT Continuous Renal Replacement Therapy** Introduction to ECMO Principles of VA ECMO Principles of VV ECMO Ethics in ECLS Care Indications and Results of Long-Term Support Cross-Country High Risk Transport Cardiohelp 1 Abiomed Impella HeartWare HVAD Part I: Equipment Set-up HeartWare HVAD Part II: System Alarms and Emergency Management St. Jude (Thoratec) HeartMate II

#### **COLLEGE OF PEDIATRIC AND CONGENITAL MANAGEMENT**

Congenital Cardiac Anesthesia Society Registry Congenital Cardiac Surgery Database Defining Optimal Peri-CPB Fluid Balance for the Ped Pt Sentinel Event: Correction of AV Canal Defect Sentinel Events Case Reports Accuracy of Epigastric Saturation in Predicting NEC Del Nido Cardio: Elixir of choice for Peds The Importance of a Team Huddle Optimized CPB in the Neonate ABO Incompatible Heart Transplants

## **COLLEGE OF PERIOPERATIVE SERVICES**

Introduction to Ventilation Spectrum M: Non-Invasive Blood Gas Management Electronic Medical Records are important for Debate FDE Recommendations for ALL Heater Coolers LivaNova 3T Heater Cooler Members Class Use of the Hemobag Hemobag to Concentrate Residual Pump Blood Point of Care Testing Devices 2106 Compliance Rotem 101: Basics of Interpretation Rotem 102: Case Studies and Specialized Apps **TEG Basic Clinician Training TEG Bleeding Profiles TEG: Special Circumstances** Myocardial Protect: A Topic We Take for Granted MP: The Science and Pathophysiology of Ischemic Injury Could Clinical Outcome Registries Bring Us Closer to Consensus An Introduction to Whole Blood Modified Single Dose Cardioplegia Strategy for Adults Custodial Cardioplegia: A Single-dose Hyperpolarizing Solution Whole Blood Cardioplegia: Do We Still Need to Dilute? Concentrated Del Nido Using the Quest Perfusionists Perspective on Using the Quest The Custodial Cardioplegia Protocol Cardioplegia Demonstration Del Nido for Adults Del Nido Cardioplegia Using a Small Circuit Angiovac Case Studies Cold Agglutinins and Cardiac Surgery Developments in the Surgical Management of Hypertrophic Cardiomyopathy HIPEC: Hyperthermic Intraperitoneal Chemotherapy Immune Mechanisms in Vascular Remodeling: Intimal Hyperplasia Ultrafiltration in Cardiopulmonary Bypass Minimally Invasive Thrombectomy the AngioVac System Strategies for Improving Adequacy during Complex Surgical Repairs Requiring Circulatory Arrest End of Case: Autotransfusion Goal Directed Fluid Management for Adult Cardiac Patients Retrograde Autologous Prime: An Approach to Estimating its Value Where our Product Ideas Go to Flourish, Flounder or Flop: a Perspective on Industry-Clinician Product **Development and Partnership** Innovations in Perfusion Management: Spectrum Medical Dissolving Mysteries, Myths and Legends of Preoperative Fluid Management Quantum is Here!

#### **RESEARCH ACEDEMY**

How to get published Introduction to Scientific Research and Writing Developing a Consensus Statement Evidence Based Practice - A Primer for Perfusionists ANOVA: Analysis of Variance (F-test) T-Tests and their Non-Parametric Equivalent Descriptive Statistics Right Sizing CPB Circuits A Surgical Perspective: The future of HIPEC and its impact on perfusion The Future of Perfusion Technology The Search for a Borrowed Heart - Juniper's Story: A Case Report \*Adult Congenital Case Report : Complications from an Anomalous Coronary During a Mitral Valve Replacement .5 CEUs \*Case Report: Application and Experiences of an Adult VAD in the Pediatric Setting

<u>.5 CEUs</u>

Pro/Con Debate: Who should manage adult congenital patients?

#### **MISCELLANEOUS COURSES**

MISCELLANEOUS COURSES			
Congenital Heart Disease in Adults: Operating Room Concerns in th	is Patient Population		
Practical Perfusion Considerations in Adult Congenital Cardiac Surg			
*Perfusion Supported Organ Recovery in Kidney Transplantation – A Single Center Experience			
	5 CEUs		
*Marginal Gains in Perfusion Utilizing a Dual Cardiotomy Rese			
· ·			
*EVLP: An Evolving Technique	<u>.5 CEUs</u>		
Standards and Guidelines Updates			
*Safety in Perfusion at Mayo Clinic Rochester	<u>.5 CEUs</u>		
*Building a Culture of Safety MGH	<u>.5 CEUs</u>		
*Proposal of an AmSECT Center of Excellence	<u>.5 CEUs</u>		
FMEA Practicum: Improved Patient Care and Safety			
Failure Mode Effects Analysis (FMEA): reports how to assess poten	tial safety issues and create reports for		
your team and institution			
*Case Study: Safety of Low Dose Heparin vs. Conventional Hep	arin Dose Heparin in Post		
Cardiotomy ECMO Patients	<u>5 CEUs</u>		
*Perfusionists Impact on Improving Patient Experience	.5 CEUs		
*Total Endoscopic Robotic Mitral Valve Surgery (TERMS)	.5 CEUs		
*An Invitro Emboli Study of the Medtronic Fusion Oxygenator			
Arterial Filter Compared to Sorin Inspire Oxygenator wi			
.5 CEUs			
*The Impact of Four different wash solutions on Autotransfusion			
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*Perfusion Mobile Guidelines Uses and Benefits	<u>.5 CEUs</u>		
ABCP Update			
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*Use of Perfusion Guidelines for Providing Optimal Care for the	•		
*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B	ivalrudin		
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*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B <u>.5 CEUs</u> *A Case Presentation on the Removal of Saddle Pulmonary Emb Veno-Arterial ECMO	ivalrudin 5 oolus with the Angiovac System and <u>5 CEUs</u>		
*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B <u>.5 CEUs</u> *A Case Presentation on the Removal of Saddle Pulmonary Emb Veno-Arterial ECMO	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> xtracorporeal Simulation Programs		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B5 CEUs</li> <li>*A Case Presentation on the Removal of Saddle Pulmonary Embody Veno-Arterial ECMO</li> <li>*Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation of High-Fidelity Extended to the Standards and Guidelines for Accreditation for High-Fidelity Extended to the Standards and Guidelines for Accreditation for High-Fidelity Extended to the Standards and Guidelines for Accreditation for High-Fidelity Extended to the Standards and Guidelines for Accreditation for High-Fidelity Extended to the Standards and Standards and</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u>		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u>		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> agulation in First Five Days of Infant-		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> ngulation in First Five Days of Infant- <u>5 CEUs</u>		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin polus with the Angiovac System and <u>5 CEUs</u> xtracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> agulation in First Five Days of Infant- <u>5 CEUs</u> acute Normovolemic Hemodilution: a		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> agulation in First Five Days of Infant- <u>5 CEUs</u> kcute Normovolemic Hemodilution: a		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> agulation in First Five Days of Infant- <u>5 CEUs</u> cute Normovolemic Hemodilution: a ardiac Surgery with CPB		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin bolus with the Angiovac System and <u>5 CEUs</u> ktracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> agulation in First Five Days of Infant- <u>5 CEUs</u> kcute Normovolemic Hemodilution: a <u>5</u> ardiac Surgery with CPB <u>.5 CEUs</u>		
<ul> <li>*Use of Perfusion Guidelines for Providing Optimal Care for the Treated with a BiVAD as a Bridge to Transplant Using B</li></ul>	ivalrudin polus with the Angiovac System and <u>5 CEUs</u> stracorporeal Simulation Programs <u>.5 CEUs</u> <u>.5 CEUs</u> e AKI - <u>.5 CEUs</u> ngulation in First Five Days of Infant- <u>5 CEUs</u> scute Normovolemic Hemodilution: a <u>.5 CEUs</u> ardiac Surgery with CPB <u>.5 CEUs</u> ated Antithrombin for Heparin		
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My Mission Trip to Macedonia Perfusion without Boarders: The India Experience Syncardia Total Artificial Heart Operational Overview and Troubleshooting 3D Printing: A Tool in the Hybrid Approach to CHD **AmSECT UNIVERSITY – 58 Courses approved July 1, 2018 – June 30, 2019** All Courses are 1 CEU each.

#### **COLLEGE OF BLOOD MANAGEMENT**

Methodology of Creating Anticoagulation Task Force Anticoagulation Monitoring: Shouldn't we validate? Improving Outcomes with Anticoagulation Management **Understanding Coagulation Tests** A Wise Investment for the Patient and the Hospital System Evidence-based Transfusion Practice and Patient Blood Management Programs **Coagulation Metrics and Blood Product Recommendations** SABM Blood Management Standards Perfusion's Role in Blood Management Guidelines Is Patient Blood Management Safe? **Red Cell Preservation** Plasma Substitutes How to Optimize the Use of Plasma Substitutes, Factor Concentrates and Artificial Bloods in the Real World Antithrombin - What the perfusionist needs to know **COLLEGE OF EDUCATION** The Perfusion Review Course: Study Tips for Taking High Stakes Exams The Perfusion Review Course: Acid Base Physiology Perfusion Review Course: Biochemistry Perfusion Review Course: Cardiovascular Physiology Perfusion Review Course - Congenital Acquired Pathology I Perfusion Review Course - Congenital Acquired Pathology II Perfusion Review Course - Congenital Acquired Pathology III Perfusion Review Course - Congenital Acquired Pathology IV Perfusion Review Course: Drugs and Agents I Perfusion Review Course: Drugs and Agents II Perfusion Review Course: Drugs and Agents III Perfusion Review Course Drugs Common to Perfusion Perfusion Review Course: Mathematics for Perfusion Technology Perfusion Review Course: Myocardial Protection Perfusion Review Course: Perfusion Equipment and Components Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices I Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices II Perfusion Review Course: Perfusion Methodology - Pediatrics Part I Preparation Perfusion Review Course: Perfusion Methodology - Pediatrics Part II Practice Perfusion Review Course: Perfusion Methodology - Routine CPB Perfusion Review Course: Perfusion Methodology - Routine CPB II Perfusion Review Course: Perfusion Methodology - Special CPB Procedures I Perfusion Review Course: Perfusion Methodology - Special CPB Procedures II Perfusion Review Course: Perfusion Methodology - Physiology of Non-Blood Fluids

Perfusion Review Course: Perfusion Methodology - Renal Physiology Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy I Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy III Review Course: Adult Cardiac and Vascular Anatomy Physiology of Blood Fluids

#### THE COLLEGE OF LEADERSHIP

Blending Industry and Clinical Practice to Achieve Standards and Guidelines Alphabet Soup: Costs, Charges, Administrative Data and Clinical Data

#### **COLLEGE OF LIFE SCIENCES**

Endocrine, Metabolic and Splanchnic Changes on CPB Hypoplastic Left Heart Syndrome: A Hybrid Approach Endothelial Glycocalx: Microbubble Damage and Tissue Edema Understanding Microvasculature from the Research Bench to the Operating Room

#### **COLLEGE OF MECHANICAL CIRC SUPPORT**

Continuous Renal Replacement Therapy Introduction to ECMO Principles of VA ECMO Principles of VV ECMO Ethics in ECLS Care

#### **COLLEGE OF PERIOPERATIVE SERVICES**

Introduction to Ventilation Myocardial Protect: A Topic We Take for Granted

#### **MISCELLANEOUS COURSES**

Practical Perfusion Considerations in Adult Congenital Cardiac Surgery

#### 2019 PerfWeb 1– 22 Courses approved January 10, 2019 – January 10, 2020 CEUs as listed

PerfWeb 1 - 4.2 CEUs - Transcranial Dopler and Simplifying Minmailly Invasive MVR
PerfWeb 2 - 2.7 CEUs - Generational differences in the perfusion workforce and the Business of perfusion
PerfWeb 3 - 2.6 CEUs - ECMO Who should watch it?
PerfWeb 4 - 4.2 CEUs - RAPP Vs. UF, Transfusions and Alarm Desensitization and check lists.
PerfWeb 5 - 4.8 CEUs - Basic X-Ray, CT and TEE for the perfusionist.
PerfWeb 6 - 2.5 CEUs - Cardioplegia and ECMO management
PerfWeb 7 - 2.6 CEUs - Advancements in perfusion and AngioVac
PerfWeb 8 - 2.4 CEUs - Validating Graft Patency
PerfWeb 9 - 2.4 CEUs - Nutrition and CV disease and the benefits of Cannabinoids.
PerfWeb 10 - 4.8 CEUs - AngioVac, Cerebral Oximetry, Cerebral Embolic Protection
PerfWeb 11 - 2.6 CEUs - CRRT/CVVH What is it and why should we use it.
PerfWeb 12 - 2.4 CEUs - PerfWeb 12 – ECMO: Measurement Of Adequacy, Cannulation, North/South

Complication, Anticoagulation And Weaning, And What Patients Can Be Woken Up And Extubated On VV ECMO?

PerfWeb 13 - **2.4 CEUs** - Cerebral Embolic Protection Devices

PerfWeb 14 - 2.4 CEUs - Arguments for and Against State Licensure

PerfWeb 15 - 2.4 CEUs - Charting, E-Charting and Eval of LivaNova Connect

PerfWeb 16 - 2.0 CEUs - Pump Stand-By and Dealing with Natural Disasters

PerfWeb 17 - 2.5 CEUs - Pediatric Refreasher for the Adult Perfusionist.

PerfWeb 18 - 2.5 CEUs - Multi-camera view of the pump, operative field and hemodynamic monitors.

PerfWeb 19 - 2.0 CEUs - Novel anticoagulants: Management of Coagulation

PerfWeb 20 - 2.0 CEUs - Priming solution and volume management during CPB.

PerfWeb 21 - 2.5 CEUs - Understanding how TEG works and interpreting the graphs

PerfWeb 22 - 2.5 CEUs - Antegrade or Retrograde isolated perfusion.

#### 2019 Perfusion Education – 10 Courses approved January 15, 2019 – January 15, 2020 All Courses are 1 CEU each.

Non-Tuberculous Mycobacteria (NTM): What are the facts? Part 1 and Part 2 Infections in Cardiac Surgery - How Prevalent Is This? Future Trends in Mechanical Support Take A Life, Give A Life Baby Fae Xenotransplantation-The Future of Heart Transplantation? Perfusion and the Law: From Soup to Nuts The Expert Witness Line Placement in The Current Era - State Of The Art The Other Guys Tool Box. Survival Through Diversification

	Evnires December
AQO: Adult & Congenital Surgery Database Sessions	26.1
AQO: Congenital Heart Surgery Database Sessions	13.1
AQO: Adult Cardiac Surgery Database Sessions	14.7
Society of Thoracic Surgeons	53.9 SDCEs

Expires December 12, 2019

https://www.sts.org/sites/default/files/documents/2018\_AQO\_Premlinary\_Agenda\_1.pdf

# AmSECT Flipped Classroom – 7 Courses approved February 8, 2019 – December 31, 2019. All Courses are 1 CEU each.

Goal Directed Therapy in Critical Care Is it Time for Goal-Directed Therapy in Perfusion Is Timing Everything Variance in Therapy and Registry Variables The Goal Directed Perfusion Trial in Cardiac Surgery AmSECT Adult Standards and Guidelines

# Perfusion Education (PerfWeb 23 Part 1 & 2, & PerfWeb 24 Part 3 & 4) – 4 Courses approved April 23, 2019 – March 23, 2020

PerfWeb 23 - 3 CEUs - Concepts in ECMO part 1 - ECMO, kidney injury, UF and ECMO economics.

PerfWeb 23 – 2 CEUs - Concepts in ECMO part 2 - ECMO patient selection, CRRT, cannulation

PerfWeb 24 – 3 CEUs - Concepts in ECMO part 3 - ECMO Cirtcuit, ECMO staffing

PerfWeb 24 – 4 CEUs - Concepts in ECMO part 4 - ECMO and Survival, ECMO anticoagulation, Plasma adsorption.

www.Library.PerfusionEducation.com

## AmSECT UNIVERSITY Courses approved July 1, 2019 – July 1, 2020

All Courses are 1 CEU each.

www.amsectu.org

#### COLLEGE OF BLOOD MANAGEMENT

Methodology of Creating Anticoagulation Task Force Anticoagulation Monitoring: Shouldn't we validate? Improving Outcomes with Anticoagulation Management Understanding the Role of Factor Concentrates A Wise Investment for the Patient and the Hospital System Evidence-based Transfusion Practice and Patient Blood Management Programs Coagulation Metrics and Blood Product Recommendations SABM Blood Management Standards Perfusion's Role in Blood Management Guidelines Is Patient Blood Management Safe? **Red Cell Preservation Plasma Substitutes** How to Optimize the Use of Plasma Substitutes, Factor Concentrates and Artificial Bloods in the Real World Antithrombin - What the perfusionist needs to know **COLLEGE OF EDUCATION** The Perfusion Review Course: Study Tips for Taking High Stakes Exams The Perfusion Review Course: Acid Base Physiology Perfusion Review Course: Biochemistry Perfusion Review Course: Cardiovascular Physiology Perfusion Review Course - Congenital Acquired Pathology I Perfusion Review Course - Congenital Acquired Pathology II Perfusion Review Course - Congenital Acquired Pathology III Perfusion Review Course - Congenital Acquired Pathology IV Perfusion Review Course: Drugs and Agents I Perfusion Review Course: Drugs and Agents II Perfusion Review Course: Drugs and Agents III Perfusion Review Course Drugs Common to Perfusion Perfusion Review Course: Mathematics for Perfusion Technology Perfusion Review Course: Myocardial Protection Perfusion Review Course: Perfusion Equipment and Components Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices I Perfusion Review Course: Perfusion Methodology - Mechanical Assist Devices II

Perfusion Review Course: Perfusion Methodology - Pediatrics Part I Preparation Perfusion Review Course: Perfusion Methodology - Pediatrics Part II Practice Perfusion Review Course: Perfusion Methodology - Routine CPB Perfusion Review Course: Perfusion Methodology - Routine CPB II Perfusion Review Course: Perfusion Methodology - Special CPB Procedures I Perfusion Review Course: Perfusion Methodology - Special CPB Procedures II Perfusion Review Course: Perfusion Methodology - Physiology of Non-Blood Fluids Perfusion Review Course: Perfusion Methodology - Renal Physiology Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy I Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II Perfusion Review Course: Perfusion Methodology - Respiratory Anatomy II

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Blending Industry and Clinical Practice to Achieve Standards and Guidelines Alphabet Soup: Costs, Charges, Administrative Data and Clinical Data

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Introduction to Ventilation Myocardial Protect: A Topic We Take for Granted

#### MISCELLANEOUS COURSES

Practical Perfusion Considerations in Adult Congenital Cardiac Surgery

www.amsectu.org

Nashville Perfusion Conference	9.8 SDCEs
Adult Coronary Artery Pathology and Treatment	3.0
Castrophe Management and Prevention	3.0
	Expires October 12, 2020

www.NashvillePerfusionConference.com

## PerfWeb SDCE Programs – PerfWebs 23-25 & TNOC 37 Courses approved

Meeting Location	Date	CEUs
August 1, 2019 – August 1, 2020		53.6 SDCEs
PerfWeb 23 Day 1 – Bundle		2.76
PerfWeb 23 Day 2 – Bundle		2.76
Delivery of Oxygen and AKI		0.60
CPB and Phenylephrine Contributes to AKI		0.68
ECMO Economics		1.48
ECMO and CRRT		0.84
ECMO patient selection		0.98
ECMO Cannulation		0.94
PerfWeb 24 Day 1 – Bundle		2.88
PerfWeb 24 Day 2 – Bundle		2.90
ECMO Circuit Design		0.96
The Tools to Deliver ECMO		0.72
ECMO Staffing Models		1.20
ECMO and Survival		0.94
ECMO and Anticoagulation		1.14
ECMO and Plasma Adsorption Therapy		0.82
PerfWeb 25 Day 1 – Bundle		2.18
PerfWeb 25 Day 2 – Bundle		3.16
What are the Drivers of Urine Production?		0.84
What is AKI?		0.48
Does UF on CPB Reduce Urine output?		0.86
Organ Crosstalk: Cardio-Renal Syndrome		0.80
Fluid Overload is Deadly		1.06
How ECMO Contributes to Kidney Dysfunction & Casually Participation	ates of AKI	1.30
The New Orleans Conference 2019 Day 1 – Bundle		2.16
Fluid and Blood Volume Management		0.60
Transfusion – When and Why		0.30
The Physiology of Fluid Management		1.26
The New Orleans Conference 2019 Day 2 – Bundle		5.10
Validation Graft Patency		1.62
A True Story of Fire in the Heart Room		0.48
Ethical Consideration for Allied Health Professionals		1.14
Sutureless Valves-An Excellent Option for SAVR		1.14
Perfusion Standby for TAVR		0.72
The New Orleans Conference 2019 Day 3 – Bundle		2.90
Telemonitoring and The Remote Intensivist		1.92
An Interview With the AmSECT President: What is His Vision for the	e Future	0.98
www.perfusioneducation.com	L	

# Innovative ECMO Concepts Online ECMO Courses approvedJanuary 27, 2020 – January 27, 202138

### 38.6 SDCEs

Introduction to ECMO (General)	1.08
Complete Circuit Exam (General)	2.32

Meeting Location	Date	CEUs
ECLS Physics (General)		1.80
VV vs. VA (General)		2.32
Pre-ECLS to Initiation (General)		1.04
ECPR (General)		1.04
Basic Anticoagulation (General)		1.56
Advanced Anticoagulation (General)		2.60
Anticoagulation Equipment (General)		0.92
Daily Patient Management (General)		1.80
Daily Circuit Management (General)		1.20
Emergencies and Complications – Medical (General)		0.68
Emergencies and Complications – Mechanical (General)		0.64
Awake, Ambulation and Physical Rehabilitation (General)		1.28
Weaning and Decannulation (General)		1.00
ECLS Reimbursement (General)		0.88
Basic Ventilation (General)		1.64
Advanced Ventilation (General)		3.40
Adult Indications (Adult)		0.88
Adult Cannula Selection (Adult)		2.64
Adult Blood and Blood Products (Adult)		1.12
Adult Outcomes (Adult)		0.80
Pediatric Indications (Pediatric)		1.04
Pediatric Outcomes (Pediatric)		1.16
Pediatric Cannula Selection (Pediatric)		2.56
Pediatric Blood and Blood Products (Pediatric)		1.20
www.innovativeecmo.com		

#### STS 56<sup>th</sup> Annual Meeting – 78 Courses approved March 12, 2020 – March 12, 2021

74.7 SDCEs

Tech-Con Adult Cardiac: Ischemic, Heart Failure, and Atrial Fibrillation Tech-Con General Thoracic Potpourri Tech-Con Adult Cardiac: New Technologies in Aortic and Structural Heart Disease Tech-Con General Thoracic Multidisciplinary Care in Cardiac Surgery MyTube: Adult Cardiac Video and Expert Panel Session MyTube: Congenital Video and Expert Panel Session My Tube: Pushing the Limits of Minimally Invasive Thoracic Surgery and Avoiding Pitfalls Managing Esophagectomy Complications Utilizing the STS Database in Your Daily Practice Failures, Successes, and Resilience in Research (Organized by Women in Thoracic Surgery) Adult Cardiac Surgery S.O.S. Congenital Cardiac Surgery S.O.S. Residents Symposium - Transition from Training to Practice The Annals Academy: The Editor's Pick - Top Papers and Why State-of-the-Art Management of Pulmonary Embolism STS/CATS: Surgery for Advanced Stage Cancer - When is Out of Bounds Not Out of Bounds? Meet the Experts: Lymphatic Intervention After Congenital Heart Surgery

#### **Meeting Location**

Mesothelioma: Still a Surgical Disease? Ethics Debate: Should Opioid Addicts Have a Second Valve Replacement for Endocarditis? Temporary Mechanical Support for Post-Cardiotomy Shock Vivien T. Thomas Symposium: STS and ACC Diversity and Inclusion Efforts STS Advocacy: Supporting the Specialty and Your Patients Evolving Impact: TAVR in Low Risk Patients - Results and Impact of the Evolut Low Risk and PARTNER 3 Trials Meet the Experts: STS/ACS Thoracic Surgery Verification Adult Cardiac: Arrhythmia/Atrial Fibrillation Adult Congenital Heart Disease Adult Cardiac: Advanced Heart Failure General Thoracic Basic Science Research What's New in Esophageal Cancer Using the STS National Database for Research Vivien T. Thomas Lecture: Clyde Yancy STS/SCA: Cardiac and Thoracic ERAS What's New in Thoracic Oncology? Pediatric Congenital I Introduction to Cardiothoracic Health Services Research STS/ESTS: Getting out of Trouble - Rescue Surgery After Common Nightmare Situations Career Navigation and Development: How to Take Your Career to the Next Level STS/EACTS: Bicuspid Aortic Valve Repair with Aortic Root Aneurysm: Techniques and Outcomes Adult Cardiac Basic Science Research Plenary Session (Monday) Heart Team Approach to Mitral Regurgitation and Atrial Fibrillation General Thoracic: Lung Transplantation Adult Cardiac: Ischemic Pediatric Congenital II Adult Cardiac: Aorta (Dissection) General Thoracic: Lung Cancer Big Data Cardiothoracic Surgical Education and Professional Development ECMO for the Current Practice Education Summit: Training Residents Today to Thrive in 2030 Thomas B. Ferguson Lecture STS/ISHLT Rescuing the Right Ventricle: Prevention and Intervention Adult Cardiac: General Adult Cardiac: Mitral/Tricuspid Pediatric Congenital III General Thoracic: Mediastinal/Pulmonary General Thoracic: Lung Cancer Disparities and Innovation Avoiding Practice Extinction: Staying Relevant with New Technologies and Techniques STS/CSCS: CABG for the Pragmatic Idealist Application of Artificial Intelligence/Machine Learning Approaches for Risk Prediction in Cardiothoracic Surgery Plenary Session (Tuesday) **Quality Improvement** Critical Care Research

#### **Meeting Location**

TOTAL CREDITS: 5.00

Meet the Experts: Current State of Fetal Cardiac Intervention Building a Thoracic Robotics Program SVS/STS: The Aorta Service Line Reoperative Adult Cardiac Surgery Health Policy Forum: Navigating MIPS and APMs in 2020 Meet the Experts: Cardiothoracic Surgery in the Military Adult Cardiac: Aortic Adult Cardiac: Aortic Valve Congenital Video Session General Thoracic Video Session General Thoracic: Esophageal Adult Cardiac: Aorta II (Thoracic Aortic Aneurysms) Beyond Burnout: What you Should Know and Do Going Forward STS/CHEST: Optimizing Clinical Care for the Lung Cancer Patient—From Screening to Diagnosis and Treatment
https://wwwsts.org/meetings/calendar-of-events/sts-56th-annual-meeting
2020 ASAIO Virtual Meeting (on-demand) – 34 courses approvedJune 1, 2020 – June 1, 202132.9 SDCEs
ON DEMAND TOP ABSTRACTS SESSION Top Abstracts Session 1.00 credit TOTAL CREDITS: 1.00
ON DEMAND STUDENT DESIGN SESSION Student Design Session 1.00 credit TOTAL CREDITS: 1.00
ON DEMAND BIOENGINEERING SESSIONSBioengineering Session 11.00 creditBioengineering Session 21.00 creditBioengineering Session 31.00 creditBioengineering Session 41.00 creditBioengineering Session 51.00 creditBioengineering Session 61.00 credit
TOTAL CREDITS: 6.00
ON DEMAND CARDIAC SESSIONSCardiac Session 11.00 creditCardiac Session 21.00 creditCardiac Session 31.00 creditCardiac Session 41.00 credit

ON DEMAND CRITICAL CARE SESSIONS Critical Care Session 1 1.00 credit

1.00 credit

Cardiac Session 5

Meeting Location	Date	CEUs
Critical Care Session 2 1.00 credit		TOTAL CREDITS: 2.00
ON DEMAND NURSING SESSION		
Nursing Session 1 1.25 credit		TOTAL CREDITS: 1.25
ON DEMAND PEDIATRIC SESSIONS		
Pediatric Session 1 1.00 credit		
Pediatric Session 2 1.00 credit		TOTAL CREDITS: 2.00
ON DEMAND PULMONARY SESSIONS		
Pulmonary Session 1 1.00 credit		
Pulmonary Session 2 1.00 credit		
Pulmonary Session 3 1.00 credit		
Pulmonary Session 4 1.00 credit		
		TOTAL CREDITS: 4.00
ON DEMAND RENAL SESSIONS		
Renal Session 1 1.00 credit		
Renal Session 2 1.00 credit		
		TOTAL CREDITS: 2.00
ON DEMAND POSTER SESSIONS		
Bioengineering Poster Session 1 1.25 credit		
Cardiac Poster Session 2 1.00 credit		
Cardiac Poster Session 3 1.00 credit		
Cardiac Poster Session 4 1.00 credit		
Cardiac Poster Session 5 1.00 credit		
Cardiac Poster Session 6 1.00 credit		
Critical Care Poster Session 7.25 credit		
Nursing Poster Session 8 .50 credit		
Pediatric Poster Session 9 .50 credit		
Pulmonary Poster Session 10.25 credit		
Renal Poster Session 11 .25 credit		TOTAL ODEDITC. 00
		TOTAL CREDITS: 8.0

TOTAL CREDITS: 8.0 FINAL TOTAL= 32.25

https://asaio.org/conference/

#### **Characteristics of Blood and Blood Transfusion Basics – 6 courses approved June 30, 2020 – June 31, 2021** 50.00 SDCEs

BLOOD DISCOVERIES

TOTAL CREDITS 8.00

TOTAL CREDITS 10.00

Discuss the Main Functions of Blood BLOOD COMPONENTS

Identify Components of Blood and Explain the Function of Each Component

Meeting Location	Date	CEUs
BLOOD COAGULATION		TOTAL CREDITS 5.00
Describe the Process of Blood Coagulation BLOOD GROUPS		TOTAL CREDITS 15.00
Explain the ABO Blood Groups and RH Type BLOOD TRANSFUSION COMPLICATIONS Delineate Indications for and Complications Associated	with Blood Tra	TOTAL CREDITS 7.00 nsfusions
SUMMARY <u>https://www.pfiedlereducation.com/diweb/catalog</u>		TOTAL CREDITS 5.00
The ECMO Course – 4 courses approved		
September 11, 2020 – September 11, 2021		12.00 SDCEs
PHYSIOLOGY ECMO FUNDAMENTALS ECMO PHYSIOLOGY ECMO MANAGEMENT		TOTAL CREDITS 2.46 TOTAL CREDITS 2.66 TOTAL CREDITS 3.50 TOTAL CREDITS 3.38
Principles of Intraoperative Cell Salvage: Blood Collection, Processing, and Reinfusion – 4 courses approved		
August 26, 2020 – August 26, 2021		58.00 SDCEs
PROCESS OF INTRAOPERATIVE CELL SALVAGE Identify the indications for intraoperative cell salvage		TOTAL CREDITS 9.00
REINFUSION Explain the process of intraoperative cell salvage, includ	ing blood recov	TOTAL CREDITS 34.00 rery, processing, and
reinfusion CELL SALVAGE DEVICES Delineate the equipment and supplies used for intraopera	ntive cell salvag	TOTAL CREDITS 8.00
of each SUMMARY		TOTAL CREDITS 7.00
Discuss relative and absolute contraindications and comp salvage	plications assoc	
https://www.pfiedlereducation.com/diweb/c	atalog/item/eid/	/1395-02
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Autologous Blood Tranfusion and Cell Salvage: Clip approved September 8, 2020 – September 8, 2021	nical Applica	tions – 6 courses 1.92 SDCEs
OVEDVIEW		TOTAL CREDITS 08

OVERVIEW	TOTAL CREDITS .08
Define Autologous blood transfusion and cell salvage	
AUTOLOGOUS TRANSFUSION	TOTAL CREDITS .06
Explain methods used for autologous blood tranfusion	
AUTOLOGOUS DETAILS	TOTAL CREDITS .22
Delineate the advantages and disadvantages of red cell salvage	
INTRAOPERATIVE CELL SALVAGE	TOTAL CREDITS .24
Describe the characteristics of salvaged blood	

Meeting Location	Date	CEUs
SALVAGED BLOOD Identify methods used to assess the quality of salvaged blood REALTIVE CONTRAINDICATIONS Discuss the clinical indications for intraoperative cell salvage		TOTAL CREDITS .44
		TOTAL CREDITS .88
SUMMARY	2-	
ECMO Management of Oxygenator Clotting – 3 courses approved		
September 24, 2020 – September 24, 2021		1.20 SDCEs
Treatment of Critically Ill COVID-19 Patients – Ventilation and Bo Discussion of ventilation failures in COVID-19 patients and deployed for patients not responding to conventional therap	how ECMO	TOTAL CREDITS .40 has been
VV-ECMO in COVID-19 Patients		TOTAL CREDITS .40
Discuss the success and failures of one institutions experience including new		
strategies to coordinate circuit component changes due to in	crease coagul	
Clinical Tools to Detect Thrombus Formation During ECLS		TOTAL CREDITS .40
Discussion of new research and opportunities for detection of clot formation for		
a range of ECLS patients.		
https://info.transonic.com/webinar/ecmo-o	xygenatorclott	ting
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# Innovative ECMO Concepts Online ECMO Courses approvedFebruary 11, 2021 – February 11, 202238.6

38.6 SDCEs

Introduction to ECMO (General)	1.08
Complete Circuit Exam (General)	2.32
ECLS Physics (General)	1.80
VV vs. VA (General)	2.32
Pre-ECLS to Initiation (General)	1.04
ECPR (General)	1.04
Basic Anticoagulation (General)	1.56
Advanced Anticoagulation (General)	2.60
Anticoagulation Equipment (General)	0.92
Daily Patient Management (General)	1.80
Daily Circuit Management (General)	1.20
Emergencies and Complications – Medical (General)	0.68
Emergencies and Complications – Mechanical (General)	0.64
Awake, Ambulation and Physical Rehabilitation (General)	1.28
Weaning and Decannulation (General)	1.00
ECLS Reimbursement (General)	0.88
Basic Ventilation (General)	1.64
Advanced Ventilation (General)	3.40
Adult Indications (Adult)	0.88
Adult Cannula Selection (Adult)	2.64
Adult Blood and Blood Products (Adult)	1.12
Adult Outcomes (Adult)	0.80
Pediatric Indications (Pediatric)	1.04
Pediatric Outcomes (Pediatric)	1.16

Meeting Location	Date	CEUs
Pediatric Cannula Selection (Pediatric)		2.56
Pediatric Blood and Blood Products (Pediatric)		1.20
www.innovativeecom.com		
AmSECT 59th International Conference- A Virtual Experience-	<b>Course app</b>	oroved
May 1, 2021- May 1, 2022		26.4 CEUs
		1.0
Blood Management		1.2
ECMO		1.8
ECLS		1.2
Teamwork and Communication		1.8
Standards and Guidelines		1.2
ERAS + GDP		1.8
Myocardial Protection		1.2
The Appetizer and the Dessert		1.8
Goal-Directed Education: German Concepts in Teaching and Traini	ng	1.2
New Perfusionist Toolkit		1.2
Mechanical Cirulatory Support and Transplant		1.8
Vendor Equipment Update & PediPERForm		1.2
Advanced Clinical Techniques		1.8
Highlights from ISECT 2021		1.2
What We've Learned from COVID		1.2
Advancing Quality Measures for Perfusion		1.8
COVID Impact in Pediatrics		1.2
Scientific Abstracts		1.8
https://www.amsect.org/p/cm/Id/fid=1740		