

SCDE Opportunities 2019-2024

May 11, 2023 – May 11, 2024
The ECMO Course

11.98 CEUs

PHYSIOLOGY

TOTAL CREDITS 2.46

ECMO FUNDAMENTALS

TOTAL CREDITS 2.66

ECMO PHYSIOLOGY

TOTAL CREDITS 3.48

ECMO MANAGEMENT

TOTAL CREDITS 3.38

<http://ecmocourse.com>

SCDE Opportunities 2019-2024

May 1, 2021 – May 1, 2022
AmSECT 59th International Conference

26.4 CEUs

• 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 Training	1.2
• New Perfusionist Toolkit	1.2
• Mechanical Circulatory 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>

SCDE Opportunities 2019-2024

February 11, 2021 – February 11, 2022
Innovative ECMO Concepts

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
• Pediatric Cannula Selection (Pediatric)	2.56
• Pediatric Blood and Blood Products (Pediatric)	1.20

www.innovativeecom.com

SCDE Opportunities 2019-2024

September 24, 2020 – September 24, 2021
ECMO Management of Oxygenator Clotting

1.20 SDCEs

Treatment of Critically Ill COVID-19

Patients – Ventilation and Beyond

Discussion of ventilation failures in COVID-19 patients and how ECMO has been deployed for patients not responding to conventional therapies.

TOTAL CREDITS 0.40

VV-ECMO in COVID-19 Patients

Discuss the success and failures of one institutions experience including new strategies to coordinate circuit component changes due to increase coagulopathy.

TOTAL CREDITS 0.40

Clinical Tools to Detect Thrombus Formation During ECLS

Discussion of new research and opportunities for detection of clot formation for a range of ECLS patients.

TOTAL CREDITS 0.40

<https://info.transonic.com/webinar/ecmo-oxygenatorclotting>

SCDE Opportunities 2019-2024

September 11, 2020 – September 11, 2021
The ECMO Course

12.00 SDCEs

PHYSIOLOGY

TOTAL CREDITS 2.46

ECMO FUNDAMENTALS

TOTAL CREDITS 2.66

ECMO PHYSIOLOGY

TOTAL CREDITS 3.50

ECMO MANAGEMENT

TOTAL CREDITS 3.38

SCDE Opportunities 2019-2024

September 8, 2020 – September 8, 2021

1.92 SDCEs

Autologous Blood Transfusion and Cell Salvage: Clinical Applications

OVERVIEW

Define Autologous blood transfusion and cell salvage

TOTAL CREDITS 0.08

AUTOLOGOUS TRANSFUSION

Explain methods used for autologous blood transfusion

TOTAL CREDITS 0.06

AUTOLOGOUS DETAILS

Delineate the advantages and disadvantages of red cell salvage

TOTAL CREDITS 0.22

INTRAOPERATIVE CELL SALVAGE

Describe the characteristics of salvaged blood

TOTAL CREDITS 0.24

SALVAGED BLOOD

Identify methods used to assess the quality of salvaged blood

TOTAL CREDITS 0.44

REALTIVE CONTRAINDICATIONS

Discuss the clinical indications for intraoperative cell salvage

TOTAL CREDITS 0.88

SUMMARY

SCDE Opportunities 2019-2024

August 26, 2020 – August 26, 2021

58.00 SDCEs

Principles of Intraoperative Cell Salvage: Blood Collection, Processing, and Reinfusion

PROCESS OF INTRAOPERATIVE CELL SALVAGE Identify the indications for intraoperative cell salvage	TOTAL CREDITS 9.00
REINFUSION Explain the process of intraoperative cell salvage, including blood recovery, processing, and reinfusion	TOTAL CREDITS 34.00
CELL SALVAGE DEVICES Delineate the equipment and supplies used for intraoperative cell salvage and describe the function of each	TOTAL CREDITS 8.00
SUMMARY Discuss relative and absolute contraindications and complications associated with intraoperative cell salvage	TOTAL CREDITS 7.00

<https://www.pfiedlereducation.com/diweb/catalog/item/eid/1395-02>

SCDE Opportunities 2019-2024

June 30, 2020 – June 31, 2021

50.00 SDCEs

Characteristics of Blood and Blood Transfusion Basics

BLOOD DISCOVERIES Discuss the Main Functions of Blood	TOTAL CREDITS 8.00
BLOOD COMPONENTS Identify Components of Blood and Explain the Function of Each Component	TOTAL CREDITS 10.00
BLOOD COAGULATION Describe the Process of Blood Coagulation	TOTAL CREDITS 5.00
BLOOD GROUPS Explain the ABO Blood Groups and RH Type	TOTAL CREDITS 15.00
BLOOD TRANSFUSION COMPLICATIONS Delineate Indications for and Complications Associated with Blood Transfusions	TOTAL CREDITS 7.00
SUMMARY	TOTAL CREDITS 5.00

<https://www.pfiedlereducation.com/diweb/catalog/item/eid/1395-2020>

SCDE Opportunities 2019-2024

June 1, 2020 – June 1, 2021
2020 ASAIO Virtual Meeting (on-demand)

32.9 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 SESSIONS

Bioengineering Session 1 1.00 credit

Bioengineering Session 2 1.00 credit

Bioengineering Session 3 1.00 credit

Bioengineering Session 4 1.00 credit

Bioengineering Session 5 1.00 credit

Bioengineering Session 6 1.00 credit

TOTAL CREDITS: 6.00

ON DEMAND CARDIAC SESSIONS

Cardiac Session 1 1.00 credit

Cardiac Session 2 1.00 credit

Cardiac Session 3 1.00 credit

Cardiac Session 4 1.00 credit

Cardiac Session 5 1.00 credit

TOTAL CREDITS: 5.00

ON DEMAND CRITICAL CARE SESSIONS

Critical Care Session 1 1.00 credit

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

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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 CREDITS: 8.0

FINAL TOTAL= 32.25

<https://asaio.org/conference/>

SCDE Opportunities 2019-2024

March 12, 2020 – March 12, 2021
STS 56th Annual Meeting

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
- 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

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- 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
- 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

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- STS/CHEST: Optimizing Clinical Care for the Lung Cancer Patient—From Screening to Diagnosis and Treatment

<https://www.sts.org/meetings/calendar-of-events/sts-56th-annual-meeting>

SCDE Opportunities 2019-2024

January 27, 2020 – January 27, 2021
Innovative ECMO Concepts

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
• Pediatric Cannula Selection (Pediatric)	2.56
• Pediatric Blood and Blood Products (Pediatric)	1.20

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SCDE Opportunities 2019-2024

August 1, 2019 – August 1, 2020
PerfWeb & TNOC

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 Participates 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 Future	0.98