

THE NATIONAL RISK & SAFETY COLLABORATIVE

The National Risk & Safety Collaborative represents the culmination of Dr. Dan Sullivan's vision for a broad-based system solution to the national medical error and patient safety problem. The Collaborative includes Champions from all the high-risk areas in the practice of medicine. Each Champion has worked with The Sullivan Group to create a solution to the patient safety and risk issues in each specialty. There is not a single solution. Each requires a multi-faceted approach that is ultimately patient-centric, focused on the point of care.

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EMERGENCY MEDICINE



Dan Sullivan, MD, JD, FACEP

Dr. Sullivan is the President and CEO of The Sullivan Group, a medical risk management and patient safety organization. Dr. Sullivan is the Chairman of the Board of MEA Management LLC, an emergency medicine staffing organization with over 300 employed emergency physicians. He is a board certified emergency physician and a fellow in the American College of Emergency Physicians (ACEP). Dr. Sullivan is a past president of the Illinois College of Emergency Physicians and is an Associate Professor of Emergency Medicine at Rush Medical College.

Dr. Sullivan obtained a legal degree in 1989, and has used his dual background to study patient safety issues and create programs, services, and solutions to reduce medical errors and reduce risk in the practice of medicine.

Dr. Sullivan has authored cutting edge research that defines the risk and safety issues in the practice of emergency and acute care medicine. He teaches risk and safety nationally to emergency physicians including regular presentations at the American College of Emergency Physicians' Scientific Assembly and the Medical Directors Academy. Over the last 15 years Dr. Sullivan's risk and safety tools and training have touched tens of thousands of emergency physicians and nurses and currently impacts over 15,000,000 emergency department patient visits each year.

Emergency Medicine e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Medical Error & Risk Reduction Series

[Click links to view course descriptions](#)

Courses	Approved CME
Abdominal Aortic Aneurysm	2.0
Acute Limb Ischemia	2.0 *
Against Medical Advice	2.0
Alcohol Intoxication	2.0
Anatomy of a Medical Negligence Lawsuit	2.0
Appendicitis	2.0
Appendicitis in Non-Pregnant Women	2.0 *
Appendicitis in Pediatric Patients	2.0 *
Atrial Fibrillation and Stroke	2.0
Atypical Chest Pain in Women	2.0
Case 01: A 74 year-old male with Chest Pain	2.0
Case 02: A 15 year-old male with Abdominal Pain	2.0
Case 03: A 36 year-old female with Chest Pain	2.0
Case 04: A 14 month-old Febrile Child	2.0
Case 05: A 42 year-old female with a Headache	2.0
Case 06: A 23 month-old child with a Fever	2.0
Case 07: A 27 year-old female with Abdominal Pain	2.0
Case 08: A 74 year-old female with Chest Pain	2.0
Case 09: A 58 year-old male with Shoulder Pain	2.0
Case 10: A 73 year-old male with Abdominal Pain	2.0
Case 11: A 26 year-old male with Extremity Laceration	2.0
Case 12: A 30 year-old male with Extremity Laceration	2.0
Case 13: Pediatric Missed Meningitis	2.0
Case 14: Subarachnoid Hemorrhage	2.0
Case 15: Thoracic Aortic Dissection	2.0
Case 16: Stroke Case Studies Part 1	2.0

Case 17: Transient Ischemic Attack Case Studies Part 1	<u>2.0</u>
Cognitive Errors in Medicine Part 1	<u>2.0</u>
Cognitive Errors in Medicine Part 2	<u>2.0</u>
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	<u>2.0</u>
Duty to Warn Third Parties	<u>2.0</u>
ECG Challenge Course 1	<u>2.0</u>
ECG Challenge Course 2	<u>2.0</u>
Ectopic Pregnancy	<u>2.0</u>
Emergency Radiology: The Failure to Diagnose Overview	<u>2.0</u> *
Emergency Radiology: The Failure to Diagnose Upper Extremity Injuries	<u>2.0</u> *
EMRI Risk & Safety Overview Part 1	<u>3.0</u>
EMRI Risk & Safety Overview Part 2	<u>3.0</u>
EMTALA: A Comprehensive Review	<u>17.0</u>
EMTALA: Basics	<u>2.0</u>
EMTALA: Fundamentals	<u>5.0</u>
Head Injury	<u>2.0</u>
Herpes Simplex Encephalitis	<u>2.0</u>
HIPAA Fundamentals for the Emergency Physician	<u>2.0</u>
Medical Assault and Battery	<u>2.0</u>
Myocardial Infarction Part 1	<u>2.0</u>
Myocardial Infarction Part 2	<u>2.0</u>
Neonatal Asphyxia	<u>2.0</u> *
Neonatal Emergencies	<u>2.0</u>
Optimizing Communication in the Emergency Department	<u>2.0</u>
Orthopedic Injuries Part 1	<u>2.0</u>
Pediatric Abdominal Emergencies	<u>2.0</u>
Pediatric Infections	<u>2.0</u>
Pediatric Meningitis	<u>2.0</u>
Pediatric Respiratory Emergencies	<u>2.0</u>
Peripartum Cardiomyopathy	<u>2.0</u>
Pharmacology for Stroke Care	<u>2.0</u>
Pulmonary Embolism Part 1	<u>2.0</u>
Pulmonary Embolism Part 2	<u>2.0</u>
Radiology C-Spine Challenge Part 1	<u>2.0</u>
Sepsis	<u>2.0</u>
Spinal Epidural Abscess Case Studies	<u>2.0</u> *
Spinal Injury	<u>2.0</u>
Stroke Literature Review: Acute Stroke Management – The Case for Thrombolysis	<u>2.0</u>
Stroke Part 1	<u>2.0</u>
Stroke Part 2	<u>2.0</u>
Subarachnoid Hemorrhage	<u>2.0</u>
The Emergency Department's Impact on Core Measure Performance	<u>2.0</u>

The Failure to Diagnose Perispinal Abscess	<u>2.0</u>
The Geriatric Acute Abdomen Part 1	<u>2.0</u>
The Marfan Syndrome and Thoracic Aortic Dissection	<u>2.0</u>
The Psychiatric Patient: Danger to Self or Others	<u>2.0</u>
Thoracic Aortic Dissection	<u>2.0</u>
Thrombolysis	<u>2.0</u>
Torsion Testicle	<u>2.0</u>
Transient Ischemic Attack	<u>2.0</u>
Use of Stroke Scales and Assessing Thrombolytic Eligibility	<u>2.0</u>
Warfarin Complications - Case Studies 1	<u>2.0</u>
Warfarin Complications	<u>2.0</u>
Wound Care	<u>2.0</u>

** These courses are coming soon*

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The Emergency Medicine Risk Initiative (EMRI)

The EMRI Solution

1. Web-Based Risk and Safety e-Learning Curriculum. The risk and safety library contains offerings that focus on each of the high-risk areas in emergency medicine. Each interactive course provides CME / CNE credit for both physicians and nurses, and addresses teamwork and communication issues. The courses are case-based and have a **98% satisfaction rating**. The content is so relevant that we regularly hear feedback from practitioners that our curriculum alone has changed their practice, and in many instances, saved lives. We also provide robust reporting capabilities to assure organizational compliance.

2. Intelligent Medical Record Tools. TSG is the **leader** in integrating risk, safety, and quality clinical decision support into both paper and electronic medical records. We help hospital systems deploy tools that practitioners can utilize at the bedside to dramatically improve patient safety and reduce risk.

3. Web-Based Risk and Safety Performance Evaluation. This powerful tool measures the ED team's compliance with documentation and indicators of quality clinical practice, teamwork, communication, and patient management in all the high-risk areas in emergency medicine. Data entry is simple, and we provide a wide range of reports, including the ability to drill down to results by individual practitioner. The program provides the ability to monitor your EDs over time and to benchmark against hundreds of peers. Data drives change, and we have had tremendous success creating action plans and changing behavior with this tool.



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OBSTETRICS



Henry Lerner, MD

Dr. Lerner is the founder of Newton-Wellesley Obstetrics & Gynecology. A graduate of Princeton University and Harvard Medical School, he completed his residency training in obstetrics and gynecology at the University of California, San Francisco. He is Board Certified in Obstetrics and Gynecology and an Assistant Clinical Professor of Obstetrics & Gynecology at the Harvard Medical School.

Dr. Lerner has been in practice for 30 years and has delivered over 9,000 babies. He is the author of the standard book for the general reader on miscarriage entitled, *Miscarriage: Why It Happens and How Best to Reduce Your Risks*. He has been a national spokesperson on obstetrical issues, having appeared on Nightline, Firing Line, Larry King Live, and numerous other television and radio programs. He has often been quoted by the national media on obstetrical topics, including *Time*, *Newsweek*, and *US News and World Report*.

Dr. Lerner has a special interest in the phenomenon of shoulder dystocia and has researched, written and lectured widely on the topic. His website, www.shoulderdystociainfo.com, is the world's leading source of information on this important area. In addition, Dr. Lerner has extensive experience with obstetric medical liability. He has served as the Director of ProMutual, a major medical liability carrier, for 14 years, has participated as an expert witness in hundreds of medical-legal cases, and has spoken and published on problems confronting America's medical liability system.

Obstetrics e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Medical Error & Risk Reduction Series

Courses	Approved CME
Anatomy of Medical Negligence Lawsuit – OB	2.0 *
Appendicitis – OB	2.0 *
Appendicitis in Non-Pregnant Women	2.0 *
Atypical Chest Pain in Women	2.0
Case 07: A 27 year-old female with Abdominal Pain – OB	2.0 *
Cognitive Errors in Obstetrics & Gynecology Part 1	2.0 *
Cognitive Errors in Obstetrics & Gynecology Part 2	2.0 *
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	2.0
Ectopic Pregnancy – OB	2.0 *
EMTALA: Basics	2.0
EMTALA: On-Call Physicians	2.0
Herpes Simplex Encephalitis	2.0 *
Medical Assault and Battery – OB	2.0 *
Neonatal Asphyxia	2.0 *
Neonatal Emergencies	2.0
Peripartum Cardiomyopathy – OB	2.0 *
Pitfalls and Liability in Labor	2.0 *
Pitfalls and Liability in Prenatal Care	2.0 *
Postpartum Hemorrhage Part 1	2.0 *
Postpartum Hemorrhage Part 2	2.0 *
Pulmonary Embolism Part 1 – OB	2.0 *
Pulmonary Embolism Part 2 – OB	2.0 *
Sepsis – OB	2.0 *
Shoulder Dystocia	2.0

** These courses are coming soon*

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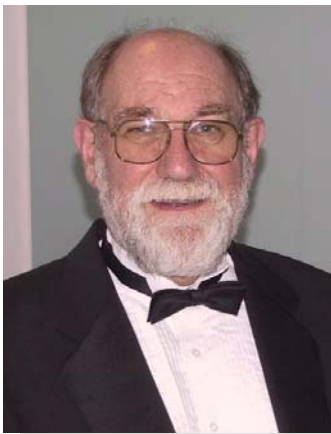
The Obstetric Risk Initiative (OBRI)

The OBRI Solution

- 1. Web-Based Risk and Safety e-Learning Curriculum.** The risk and safety library contains offerings that focus on each of the high-risk areas in obstetrics. Each interactive course provides CME / CNE credit for both physicians and nurses and addresses teamwork and communication issues. The content is so relevant that we regularly hear feedback from practitioners that our curriculum alone has changed their practice, and in many instances, saved lives. We also provide robust reporting capabilities to assure organizational compliance.
- 2. Intelligent Medical Record Tools.** TSG is the leader in integrating risk, safety, and quality clinical decision support into both paper and electronic medical records. We help hospital systems deploy tools that practitioners can utilize at the bedside to dramatically improve patient safety and reduce risk.
- 3. Nursing Fetal Heart Monitoring Competence.** Ongoing evaluation of fetal heart monitoring competence is a critical component of the Obstetric Cycle of risk and safety. The OB Risk Initiative includes a system approach for ongoing teaching and monitoring of nursing fetal heart monitoring competence.
- 4. Scalable Obstetric Team Training Simulation Solution.** The medical community has reached consensus that obstetric team training and crew resource management can improve patient safety. Obstetric simulation-based team training is a central component of the TSG Obstetric Risk Initiative. Most Obstetric practitioners don't have access to simulation centers, which are mostly located in metropolitan medical academic centers. The Sullivan Group is developing a scalable simulation program that provides a low-cost workable team training solution for any medical center or organization.
- 5. Web-Based Risk and Safety Performance Evaluation.** This powerful tool measures the OB team's compliance with documentation and indicators of quality clinical practice, teamwork, communication, and patient management in all the high-risk areas in obstetrics. Data entry is simple, and we provide a wide range of reports, including the ability to drill down to results by individual practitioner. The program provides the ability to monitor your OB unit over time and to benchmark against hundreds of peers. Data drives change, and we have had tremendous success creating action plans and changing behavior with this tool.



- 6. Obstetric Operational Analysis.** TSG can provide an on-site consultant to evaluate the labor and delivery unit and the hospital's readiness for an obstetric emergency. TSG works with leading obstetric risk consultants to provide an operational analysis and design a program for the hospitals, nurses and obstetricians.
- 7. Placental Pathology Program.** The TSG OB Risk Initiative includes a Placental Pathology Program. There are very few pathologists who can appropriately evaluate a placenta to accurately demonstrate that fetal problems are the result of fetal and maternal pathology, and are unrelated to obstetric medical care. A careful analysis of the placenta may completely avoid litigation or significantly contribute to a defense verdict. Dr. Geoff Machin (below) is an international authority on placental pathology and is the coordinator of the TSG Placental Pathology Program.



Geoffrey A. Machin, MD, PhD

Dr. Machin was born in London, England, and educated at Oxford University and at Guy's Hospital Medical School in London. He received his MD in 1966. He trained as a pediatric pathologist, including a PhD in perinatal pathology. He is board certified in anatomic and pediatric pathology (UK); in anatomic pathology (Canada); and in pediatric pathology (USA).

Dr. Machin was a pediatric pathologist at Foothills Hospital and Alberta Children's Hospital in Calgary, and was an assistant / associate professor of pathology for the University of Calgary from 1976 to 1983. From 1983 to 1988 he was a pediatric pathologist for Victoria General Hospital in British Columbia. From 1988 to 1995 he was a professor of pediatric pathology for the University of Alberta. From 1996 to 2003 he was a regional fetal / genetic / perinatal pathologist with The Permanente Medical Group, Northern California Region. In 2004, he retired from clinical practice; the University of Alberta named him professor emeritus, and the University of Toronto named him adjunct clinical professor. In 2004, Dr. Machin founded Machin Pathology, Inc. in Victoria, BC, of which he is the Director.

Dr. Machin has 35 years of experience as a pediatric pathologist, with special interest in fetal / genetic / perinatal and placental pathology, and has authored over 100 original research papers, many concerning perinatal pathology. He has reviewed over 300 cases and given 60 testimonies in medico-legal pathology as an expert witness in placental and fetal pathology.

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SURGERY

Surgery e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Courses	Approved CME
Abdominal Aortic Aneurysm	2.0
Acute Limb Ischemia	2.0 *
Appendicitis	2.0
Appendicitis in Non-Pregnant Women	2.0 *
Appendicitis in Pediatric Patients	2.0 *
Atrial Fibrillation and Stroke	2.0
Case 02: A 15 year-old male with Abdominal Pain	2.0
Case 07: A 27 year-old female with Abdominal Pain	2.0
Case 10: A 73 year-old male with Abdominal Pain	2.0
Case 11: A 26 year-old male with Extremity Laceration	2.0
Case 12: A 30 year-old male with Extremity Laceration	2.0
Case 15: Thoracic Aortic Dissection	2.0
Cognitive Errors in Medicine Part 1	2.0
Cognitive Errors in Medicine Part 2	2.0
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	2.0
Duty to Warn Third Parties	2.0
Ectopic Pregnancy	2.0
Emergency Radiology: The Failure to Diagnose Overview	2.0 *
Emergency Radiology: The Failure to Diagnose Upper Extremity Injuries	2.0 *
EMTALA: Basics	2.0
EMTALA: On-Call Physicians	2.0
Head Injury	2.0
Medical Assault and Battery	2.0
Orthopedic Injuries Part 1	2.0
Pediatric Abdominal Emergencies	2.0
Pulmonary Embolism Part 1	2.0

Pulmonary Embolism Part 2	2.0
Radiology C-Spine Challenge Part 1	2.0
Sepsis	2.0
Spinal Epidural Abscess Case Studies	2.0 *
Spinal Injury	2.0
Subarachnoid Hemorrhage	2.0
The Failure to Diagnose Perispinal Abscess	2.0
The Geriatric Acute Abdomen Part 1	2.0
The Marfan Syndrome and Thoracic Aortic Dissection	2.0
The Psychiatric Patient: Danger to Self or Others	2.0 *
Thoracic Aortic Dissection	2.0
Torsion Testicle	2.0
Warfarin Complications - Case Studies 1	2.0
Warfarin Complications	2.0
Wound Care	2.0

** These courses are coming soon*

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HOSPITALIST



Steven Pantilat, MD

Steven Pantilat, MD, is a Professor of Medicine in the Department of Medicine at the University of California, San Francisco; the Alan M. Kates and John M. Burnard Endowed Chair in Palliative Care; and the founding Director of the UCSF Palliative Care Program. Dr. Pantilat is also the Director of the UCSF Palliative Care Leadership Center that trains teams from hospitals across the country on how to establish Palliative Care services. Dr. Pantilat is Board Certified in Palliative Medicine and Internal Medicine; he is a Soros Foundation Project on Death in America Faculty Scholar; he is a recipient of a K-23, Mentored Patient-Oriented Research Career Development Award from the National Institute on Aging; and he was a Fulbright Senior Scholar in 2007, studying palliative care at the Royal Prince Alfred Hospital, University of Sydney, and Curtin University in Sydney, Australia.

Dr. Pantilat is also a hospitalist, and is a nationally recognized expert in Hospital Medicine and Palliative Medicine. He is the Past-President, a past member of the Board of Directors, and the former Chair of the Ethics committee for the Society of Hospital Medicine; he is also a member of the inaugural class of Fellows in Hospital Medicine. Dr. Pantilat is a full-time faculty member in the Program in Medical Ethics at UCSF, and serves on the UCSF Medical Center Ethics Committee.

The UCSF Palliative Care Program that Dr. Pantilat directs encompasses clinical, educational, training, and research programs in palliative care. The clinical program includes an interdisciplinary palliative care consultation service; a 2-bed inpatient palliative care unit at the UCSF Medical Center called the Comfort Care Suites; and the Symptom Management Service, an outpatient palliative care service based at the UCSF Cancer Center. Educational programs include courses for undergraduate medical and pharmacy students and graduate nursing students, electives in palliative care for medical and nurse practitioner students and medical residents, and training for physicians in practice.

Dr. Pantilat has published widely in the areas of physician communication, palliative care, and hospital medicine. He is currently involved in several research projects focused on palliative care, including leading a quality improvement collaborative for hospital-based palliative care services, surveying interpreters on their experience with and needs regarding working with patients receiving palliative care, and understanding the palliative care needs of people with heart failure.

Hospitalist e-Learning Courses

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Medical Error & Risk Reduction Series

Courses	Approved CME
Abdominal Aortic Aneurysm	2.0
Acute Limb Ischemia	2.0
Appendicitis	2.0
Appendicitis in Non-Pregnant Women	2.0 *
Appendicitis in Pediatric Patients	2.0 *
Atrial Fibrillation and Stroke	2.0
Atypical Chest Pain in Women	2.0
Case 02: A 15 year-old male with Abdominal Pain	2.0
Case 07: A 27 year-old female with Abdominal Pain	2.0
Case 10: A 73 year-old male with Abdominal Pain	2.0
Case 11: A 26 year-old male with Extremity Laceration	2.0
Case 12: A 30 year-old male with Extremity Laceration	2.0
Case 15: Thoracic Aortic Dissection	2.0
Cognitive Errors in Medicine Part 1	2.0
Cognitive Errors in Medicine Part 2	2.0
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	2.0
Duty to Warn Third Parties	2.0
ECG Challenge Course 1	2.0
ECG Challenge Course 2	2.0 *
Ectopic Pregnancy	2.0
Emergency Radiology: The Failure to Diagnose Overview	2.0 *
Emergency Radiology: The Failure to Diagnose Upper Extremity Injuries	2.0 *
EMTALA: Basics	2.0
EMTALA: On-Call Physicians	2.0
Head Injury	2.0
Medical Assault and Battery	2.0
Orthopedic Injuries Part 1	2.0
Pediatric Abdominal Emergencies	2.0

Pulmonary Embolism Part 1	2.0
Pulmonary Embolism Part 2	2.0
Radiology C-Spine Challenge Part 1	2.0
Sepsis	2.0
Spinal Epidural Abscess Case Studies	2.0 *
Spinal Injury	2.0
Subarachnoid Hemorrhage	2.0
The Failure to Diagnose Perispinal Abscess	2.0
The Geriatric Acute Abdomen Part 1	2.0
The Marfan Syndrome and Thoracic Aortic Dissection	2.0
The Psychiatric Patient: Danger to Self or Others	2.0 *
Thoracic Aortic Dissection	2.0
Torsion Testicle	2.0
Warfarin Complications - Case Studies 1	2.0
Warfarin Complications	2.0
Wound Care	2.0

** These courses are coming soon*

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PEDIATRIC EMERGENCY MEDICINE



Steven Selbst, MD

Dr. Selbst earned his medical degree at Temple University School of Medicine in Philadelphia. He completed his training in Pediatrics and served as Chief Resident in Pediatrics at the Babies Hospital, Columbia-Presbyterian Medical Center in New York City. Dr. Selbst then joined the Emergency Department at The Children's Hospital of Philadelphia where he worked for fifteen years. He served as Director of the Emergency Department at The Children's Hospital of Philadelphia from 1988 to 1996.

Dr. Selbst is currently Professor of Pediatrics, Jefferson Medical College and Vice-Chair for Education, Department of Pediatrics. He is the Director of the Pediatric Residency Program at Thomas Jefferson University / A.I. duPont Hospital for Children. He is also an attending physician in the Emergency Department at the Alfred I. duPont Hospital for Children in Wilmington, Delaware.

Dr. Selbst is actively involved in teaching residents, fellows and medical students. He has authored more than 250 original research papers, book chapters and review articles. His research in the field of Pediatric Emergency Medicine has focused primarily on injury epidemiology and management of pain in children. He has also authored several papers on medical-legal issues in pediatric emergency medicine and is the editor of the Medical-Legal Section for the journal *Pediatric Emergency Care*. Dr. Selbst is the editor of three textbooks: *Pediatric Emergency Medicine for the House Officer* (Williams and Wilkins, 1988), *The Illustrated Textbook of Pediatric Emergency and Critical Care Procedures* (Mosby, 1997), and *Pediatric Emergency Medicine Secrets* (Elsevier, 2008). He is the co-author of the textbook *Preventing Malpractice Lawsuits in Pediatric Emergency Medicine* (ACEP, 1999). He serves on the Editorial Board of three journals (*Pediatric Emergency Care*, *Contemporary Pediatrics*, *Clinical Pediatrics*).

Dr. Selbst is board certified in Pediatrics and Pediatric Emergency Medicine. He is a fellow of the American College of Emergency Physicians and the American Academy of Pediatrics. Dr. Selbst served on the Committee of Medical Liability, American Academy of Pediatrics, from 1990-1996. He serves on the Executive Committee of the AAP Section on Pediatric Emergency Medicine and is Chair-Elect. Dr. Selbst also serves on the Board of Directors of the Academic Pediatric Association (APA) and is Secretary of the organization. Dr. Selbst has won several teaching awards. He has been invited to speak / lecture all across the country and internationally.

Pediatric Emergency Medicine e-Learning Courses

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Courses	Approved CME
Against Medical Advice	2.0
Anatomy of Medical Negligence Lawsuit	2.0
Appendicitis in Pediatric Patients	2.0 *
Case 02: A 15 year-old male with Abdominal Pain	2.0
Case 04: A 14 month-old Febrile Child	2.0
Case 06: A 23 month-old child with a Fever	2.0
Case 13: Pediatric Missed Meningitis	2.0
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	2.0
Duty to Warn Third Parties	2.0
Emergency Radiology: The Failure to Diagnose Overview	2.0 *
Emergency Radiology: The Failure to Diagnose Upper Extremity Injuries	2.0 *
EMTALA: Basics	2.0
Herpes Simplex Encephalitis	2.0 *
HIPAA Fundamentals for the Emergency Physician	2.0
Medical Assault and Battery	2.0
Neonatal Asphyxia	2.0 *
Neonatal Emergencies	2.0
Optimizing Communication in the Emergency Department	2.0
Pediatric Abdominal Emergencies	2.0
Pediatric Infections	2.0
Pediatric Meningitis	2.0
Pediatric Respiratory Emergencies	2.0
Radiology C-Spine Challenge Part 1	2.0
The Failure to Diagnose Perispinal Abscess	2.0

* These courses are coming soon

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FAMILY PRACTICE

The Family Practice e-Learning library is a compilation of courses from emergency medicine, internal medicine, hospitalist, obstetrics, pediatric emergency medicine, stroke and several other TSG libraries. The library includes courses that have been authored by a number of our national champions in different high-risk areas.

Family Practice e-Learning Courses

The TSG web-based CME Library offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Medical Error & Risk Reduction Series

Courses	Approved CME
Abdominal Aortic Aneurysm	2.0
Appendicitis	2.0
Appendicitis – OB	2.0 *
Atrial Fibrillation and Stroke	2.0
Atypical Chest Pain in Women	2.0
Case 01: A 74 year-old male with Chest Pain	2.0
Case 02: A 15 year-old male with Abdominal Pain	2.0
Case 03: A 36 year-old female with Chest Pain	2.0
Case 04: A 14 month-old Febrile Child	2.0
Case 05: A 42 year-old female with a Headache	2.0
Case 06: A 23 month-old child with a Fever	2.0
Case 07: A 27 year-old female with Abdominal Pain	2.0
Case 08: A 74 year-old female with Chest Pain	2.0
Case 09: A 58 year-old male with Shoulder Pain	2.0
Case 10: A 73 year-old male with Abdominal Pain	2.0
Case 11: A 26 year-old male with Extremity Laceration	2.0
Case 12: A 30 year-old male with Extremity Laceration	2.0
Case 13: Pediatric Missed Meningitis	2.0
Case 14: Subarachnoid Hemorrhage	2.0
Case 15: Thoracic Aortic Dissection	2.0

Case 16: Stroke Case Studies Part 1	2.0
Case 17: Transient Ischemic Attack Case Studies Part 1	2.0
Cognitive Errors in Medicine Part 1	2.0
Cognitive Errors in Medicine Part 2	2.0
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	2.0
Duty to Warn Third Parties	2.0
ECG Challenge Course 1	2.0
ECG Challenge Course 2	2.0 *
Ectopic Pregnancy	2.0
Ectopic Pregnancy – OB	2.0 *
Emergency Radiology: The Failure to Diagnose Overview	2.0 *
Emergency Radiology: The Failure to Diagnose Upper Extremity Injuries	2.0 *
EMTALA: Basics	2.0
EMTALA: On-Call Physicians	2.0
Head Injury	2.0
Herpes Simplex Encephalitis	2.0 *
Medical Assault and Battery	2.0
Myocardial Infarction Part 1	2.0
Myocardial Infarction Part 2	2.0
Neonatal Asphyxia	2.0 *
Neonatal Emergencies	2.0
Orthopedic Injuries Part 1	2.0
Pediatric Abdominal Emergencies	2.0
Pediatric Infections	2.0
Pediatric Meningitis	2.0
Pediatric Respiratory Emergencies	2.0
Peripartum Cardiomyopathy	2.0
Pharmacology for Stroke Care	2.0
Pitfalls and Liability in Labor	2.0 *
Pitfalls and Liability in Prenatal Care	2.0 *
Postpartum Hemorrhage Part 1	2.0 *
Postpartum Hemorrhage Part 2	2.0 *
Pulmonary Embolism Part 1	2.0
Pulmonary Embolism Part 2	2.0
Radiology C-Spine Challenge Part 1	2.0
Sepsis	2.0
Spinal Epidural Abscess Case Studies	2.0 *
Spinal Injury	2.0
Stroke Literature Review: Acute Stroke Management – The Case for Thrombolysis	2.0
Stroke Part 1	2.0
Stroke Part 2	2.0
Subarachnoid Hemorrhage	2.0
The Failure to Diagnose Perispinal Abscess	2.0

The Geriatric Acute Abdomen Part 1	2.0
The Marfan Syndrome and Thoracic Aortic Dissection	2.0
The Psychiatric Patient: Danger to Self or Others	2.0
Thoracic Aortic Dissection	2.0
Thrombolysis	2.0
Torsion Testicle	2.0
Transient Ischemic Attack	2.0
Use of Stroke Scales and Assessing Thrombolytic Eligibility	2.0
Warfarin Complications - Case Studies 1	2.0
Warfarin Complications	2.0
Wound Care	2.0

** These courses are coming soon*

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STROKE



Fred Callahan, MD

Dr. Callahan is a pioneer in the fields of stroke treatment and integrated vascular care. Following postgraduate training in internal medicine at Vanderbilt University School of Medicine, Dr. Callahan served a residency in neurology at Massachusetts General Hospital and a fellowship in neurology at Harvard Medical School. He currently has a private practice in neurology in Nashville, TN, has served on the clinical faculty at Vanderbilt, and is Past President of the Nashville Chapter of the American Heart Association. Dr. Callahan has written many medical publications, holds three patents, and has authored *The Next Medical Revolution: Angiology*.

Dr. Callahan has certifications from the American Board of Internal Medicine and the American Society of Neuroimaging (neurosonology-physics and cerebrovascular disease). Publishing under the name A.S.Callahan III, Dr. Callahan has an extensive list of writings related to neurological topics dating from 1975 to the present. He has participated in PROACT II, a phase 3 clinical trial of intra-arterial thrombolysis, and is a member of the Steering Committee for SPARCL (Stroke Prevention by Aggressive Reduction in Cholesterol Levels), a worldwide trial of atorvastatin for secondary stroke prevention in patients with no history of coronary heart disease.

Dr. Callahan has assisted many hospitals and physicians in the implementation of Acute Stroke Treatment Teams. He joined The Sullivan Group in 2005 to continue the effort of bringing acute stroke treatment to every community in America.

Stroke e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Courses	Approved CME
Atrial Fibrillation and Stroke	2.0
Case 05: A 42 year-old female with a Headache	2.0
Case 14: Subarachnoid Hemorrhage	2.0
Case 16: Stroke Case Studies Part 1	2.0
Case 17: Transient Ischemic Attack Case Studies Part 1	2.0
Pharmacology for Stroke Care	2.0
Stroke Literature Review: Acute Stroke Management – The Case for Thrombolysis	2.0
Stroke Part 1	2.0
Stroke Part 2	2.0
Subarachnoid Hemorrhage	2.0
Thrombolysis	2.0
Transient Ischemic Attack	2.0
Use of Stroke Scales and Assessing Thrombolytic Eligibility	2.0
Warfarin Complications - Case Studies 1	2.0
Warfarin Complications	2.0

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INTERNAL MEDICINE



Scott Allen Kale, MS, JD, MD

Scott Kale received and completed his medical training in Chicago. He is Board Certified in Internal Medicine, a Fellow of the Institute of Medicine, and a practicing Internist-Rheumatologist. He is a non-practicing attorney with a primary interest in Medical Social Policy and risk reduction.

Dr. Kale has authored many medical publications and has lectured extensively on Medical Social Policy and risk management. He is a founding member of Best Evidence for Life, Inc., a company whose goal is to provide Best Medical Evidence to patients, physicians, corporations and courts in order to improve actual medical outcomes, reduce medical risk, and reduce costs.

Dr. Kale has extensive experience as an expert witness and consultant in medical malpractice litigation.

Internal Medicine e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Medical Error & Risk Reduction Series

Courses	Approved CME
Abdominal Aortic Aneurysm	2.0
Appendicitis	2.0
Atrial Fibrillation and Stroke	2.0
Atypical Chest Pain in Women	2.0
Case 01: A 74 year-old male with Chest Pain	2.0
Case 03: A 36 year-old female with Chest Pain	2.0
Case 05: A 42 year-old female with a Headache	2.0
Case 07: A 27 year-old female with Abdominal Pain	2.0
Case 09: A 58 year-old male with Shoulder Pain	2.0
Case 10: A 73 year-old male with Abdominal Pain	2.0
Case 17: Transient Ischemic Attack Case Studies Part 1	2.0
Cognitive Errors in Medicine Part 1	2.0
Cognitive Errors in Medicine Part 2	2.0
Community-Acquired Methicillin-Resistant Staph Infections (CA-MRSA)	2.0
ECG Challenge Course 1	2.0
ECG Challenge Course 2	2.0
Emergency Radiology: The Failure to Diagnose Overview	2.0 *
Emergency Radiology: The Failure to Diagnose Upper Extremity Injuries	2.0 *
EMTALA: Basics	2.0
EMTALA: On-Call Physicians	2.0
Medical Assault and Battery	2.0
Myocardial Infarction Part 1	2.0
Myocardial Infarction Part 2	2.0
Pharmacology for Stroke Care	2.0
Pulmonary Embolism Part 1	2.0
Pulmonary Embolism Part 2	2.0
Sepsis	2.0
Spinal Epidural Abscess Case Studies	2.0

Spinal Injury	2.0
Stroke Literature Review: Acute Stroke Management – The Case for Thrombolysis	2.0
Stroke Part 1	2.0
Stroke Part 2	2.0
Subarachnoid Hemorrhage	2.0
The Failure to Diagnose Perispinal Abscess	2.0
The Geriatric Acute Abdomen Part 1	2.0
The Marfan Syndrome and Thoracic Aortic Dissection	2.0
The Psychiatric Patient: Danger to Self or Others	2.0 *
Thoracic Aortic Dissection	2.0
Thrombolysis	2.0
Transient Ischemic Attack	2.0
Use of Stroke Scales and Assessing Thrombolytic Eligibility	2.0
Warfarin Complications - Case Studies 1	2.0
Warfarin Complications	2.0

** These courses are coming soon*

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MEDICAL-LEGAL



Dan Sullivan, MD, JD, FACEP

Dr. Sullivan is the President and CEO of The Sullivan Group, a medical risk management and patient safety organization. Dr. Sullivan is the Chairman of the Board for MEA Management LLC, an emergency medicine staffing organization with over 300 employed emergency physicians. He is a board certified emergency physician and a fellow in the American College of Emergency Physicians (ACEP). Dr. Sullivan is a past president of the Illinois College of Emergency Physicians, and is an Associate Professor of Emergency Medicine at Rush Medical College.

Dr. Sullivan obtained a legal degree in 1989, and has used his dual background to study patient safety issues and create programs, services, and solutions to reduce medical errors and reduce risk in the practice of medicine.

Dr. Sullivan has authored cutting edge research that defines the risk and safety issues in the practice of emergency and acute care medicine. He teaches risk and safety nationally to emergency physicians including regular presentations at the American College of Emergency Physicians Scientific Assembly and the Medical Directors Academy. Over the last 15 years Dr. Sullivan's risk and safety tools and training have touched tens of thousands of emergency physicians and nurses and currently impacts over 15,000,000 emergency department patient visits each year.

Dr. Sullivan has special expertise in the medical-legal arena. He has published several books on medical-legal topics and has served as the Executive Editor of the *ED Legal Letter*. Dr. Sullivan is a co-author of the American College of Emergency Medicine's publications *EMTALA*: and *Emergency Department Risk Management: A Comprehensive Review*. He provides frequent consultations and presentations related to alleged EMTALA: violations, and has participated in numerous hospital corrective action plans.

Medical-Legal e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Courses	Approved CME
Against Medical Advice	2.0
Anatomy of Medical Negligence Lawsuit	2.0
Duty to Warn Third Parties	2.0
EMTALA: A Comprehensive Review	17.0
EMTALA: Basics	2.0
EMTALA: Fundamentals	5.0
EMTALA: Hospital Administrator	2.0
EMTALA: On-Call Physicians	2.0
HIPAA Fundamentals for the Emergency Physician	2.0
Medical Assault and Battery	2.0
Optimizing Communication in the Emergency Department	2.0
The Emergency Department's Impact on Core Measure Performance	2.0
The Psychiatric Patient: Danger to Self or Others	2.0

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EMERGENCY ULTRASOUND



Paul Sierzenski, MD, RDMS, FAAEM, FACEP

Paul Sierzenski, MD, RDMS, FACEP, is a diplomat of the American Board of Emergency Medicine, is certified as a Registered Diagnostic Medical Sonographer, and is a Fellow of the American College of Emergency Physicians and the American Academy of Emergency Physicians. He works for Doctors for Emergency Services at Christiana Care Health System where he serves as the Director of Emergency, Trauma, and Critical Care Ultrasound; the Director of the Emergency Ultrasound Fellowship; and lead research faculty for the Department of Emergency Medicine. In 2002, Dr. Sierzenski co-founded Emergency Ultrasound Consultants, LLC (EUC), a national leader in point-of-care ultrasound education and quality assurance solutions. The company includes more than 25 board certified and fellowship-trained physicians who are nationally certified in ultrasound.

Dr. Sierzenski has lectured nationally and internationally on topics of emergency and bedside ultrasound, imaging, stroke, and quality measures. He has authored over 50 peer-reviewed papers, abstracts and texts on topics in ultrasound, imaging and diagnostic efficiencies. While authoring many of the national policies on the use of ultrasound in acute care, Dr. Sierzenski has represented ACEP on several committees and inter-specialty conferences regarding aspects of healthcare reform in emergency medicine and acute care within the United States. He is a voting member of the Centers for Medicare and Medicaid Services (CMS) and serves on the CMS Medical Evidence Development Clinical Advisory Committee. Dr. Sierzenski has served on the National Quality Forum Steering Committee for the First Outpatient Imaging Efficiency Measures, and has unique expertise in clinical ultrasound.

Emergency Ultrasound e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.

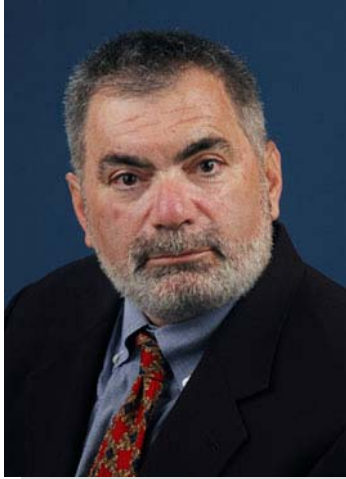


Courses	Approved CME
Overview – Life Saving Ultrasound Applications	2.0 *
Overview – Time Saving Ultrasound Applications	2.0 *
Ultrasound for the Undifferentiated Hypotensive Patient	2.0 *
Ultrasound Guided Procedures	2.0 *

** These courses are coming soon*

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TOXICOLOGY



Leon Gussow, MD, FACMT, RDMS

Dr. Gussow is a board certified emergency physician and a fellow in the American College of Medical Toxicology. He also holds board certification in Internal Medicine. He is currently a Voluntary Attending Physician at John H. Stroger Jr. Hospital of Cook County, and has academic positions at Rush Medical College and the University of Illinois College of Medicine in Chicago. He has served on the hospital-wide credentials committee of Stroger / Cook County Hospital and on the oversight committee of the Department of Emergency Medicine.

Dr. Gussow has authored many chapters and articles on the subject of medical toxicology, and writes the monthly "Toxicology Rounds" column in *Emergency Medicine News*. He is a medical consultant to the Illinois Poison Center. In addition, he has lectured nationally on the subject of medical response to disasters involving patients exposed to chemical, biological, and radiological weapons.

Toxicology e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Courses	Approved CME
Aspirin: Still the Great Masquerader . . . and Still Dangerous.	2.0 *
Carbon Monoxide Toxicity: Pitfalls in Diagnosis and Management Part 1	2.0 *
Carbon Monoxide Toxicity: Pitfalls in Diagnosis and Management Part 2	2.0 *
Gastrointestinal Decontamination in Toxicology Cases: When Must It Be Performed	2.0 *
Medical-Legal Risks Associated with the Use of Naloxone in the ED	2.0 *

** These courses are coming soon*

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TRIAGE



Shelley Cohen, RN, MSN, CEN

Shelley Cohen is the educator and consultant for Health Resources Unlimited (HRU), a company she founded in 1997. With a passion for triage education and triage improvement processes, Shelley continues to work prn as an ED staff nurse at Williamson Medical Center in Tennessee. She has presented triage training to thousands of ED nurses across the country, and her monthly Triage Tips can be found posted from coast to coast.

As a nationally recognized speaker and author, both her live and reading audiences are captivated by her humorous and direct approach. With real answers for real triage challenges, you can

view her complete CV at www.hru.net.

Triage e-Learning Courses

The TSG e-Learning offerings are based on years of analysis of adverse outcomes, medical errors, medical and legal research, and evaluation of thousands of malpractice cases. The courses are continually updated based on constant claims analysis and monitoring of literature reviews by our expert advisory panel.



Courses	Approved CNE
Risky Business of Triage	2.0 *
Special Considerations at Triage	2.0 *
Triage Assessment and Documentation	2.0 *
Triage Clinical Components Part 1	2.0 *
Triage Clinical Components Part 2	2.0 *
Triage Clinical Components Part 3	2.0 *
Triage Clinical Components Part 4	2.0 *
Triage Customer Service Perceptions	2.0 *
Triage Policy, Procedure, Guidelines	2.0 *
Triage Practice Standards	2.0 *
Violence Potentials and Triage	2.0 *

** These courses are coming soon*

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