2014 ACS NSQIP® NATIONAL CONFERENCE

FULL CONFERENCE: Saturday, July 26 to Tuesday, July 29, 2014

PRECONFERENCE WORKSHOPS: Saturday, July 26, 2014

New York Hilton Midtown
New York, NY
2014 ACS NSQIP NATIONAL CONFERENCE

Welcome to the 10th Anniversary of the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP). This year’s conference in New York, NY, will offer lectures, panel discussions, and workshops on a range of topics aimed at reducing surgical complications, applying quality improvement to surgical problems, and maximizing the efficiency and resource use in health care.

The meeting will feature not one, but two keynote speakers: Linda Groah, MSN, RN, CNOR, NEA BC, FAAN, the CEO/executive director of the Association of Perioperative Registered Nurses (AORN), who will speak on the topic of “Accountability and Quality Care: Are They a Match?” and the President-Elect of the American College of Surgeons Board of Regents, Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), who will provide a talk titled, “Surgery: Where Are We Going?”

Again this year, the ACS NSQIP Conference will focus on lessons in achieving health care quality and ways to continually develop leadership. Highlights in the General Session include, “Reducing Surgical Site Infection (SSI): A Surgical Imperative,” “Creating Value: Understanding the Quality/Cost Equation,” and “Regulatory Update: The Alphabet Soup of Programs and Reporting—Basic Understanding of How ACS NSQIP and ACS Can Help You and Your Hospital.”

We have built additional networking time into this year’s schedule. On Saturday night, attendees are free to take in the many attractions of NYC, the city that never sleeps. You might sign up to take the sightseeing tour of the city (see page 18), venture out for dinner at one of the city’s fine restaurants, or catch a Broadway show (see page 17). Join us for what promises to be a fabulous time and an enriching and memorable learning experience.

*We look forward to celebrating 10 years of surgical quality improvement with you in the Big Apple*

**CLIFFORD KO, MD, MS, FACS**
*Director, ACS Division of Research and Optimal Patient Care*

**OBJECTIVES**

- Provide a professional forum to discuss and apply the most recent knowledge pertaining to national and local quality initiatives in the field of surgery.

- Present methods used to analyze the ACS NSQIP data and demonstrate practical ways to use that data for quality improvement.

- Help hospitals manage, analyze, and interpret ACS NSQIP data by providing education on proven methods that will enable hospitals to make a positive impact at their facility.

- Enhance the learning experience by offering breakout sessions to educate attendees on the topic area of their choice and by their level of ACS NSQIP experience.
KEYNOTE SPEAKERS

Linda K. Groah has been the CEO/executive director of the Association of Perioperative Registered Nurses (AORN) since March 2007. AORN is a membership organization representing more than 43,000 registered nurses in the U.S. and internationally who facilitate the management, teaching, and practice of perioperative nursing.

A veteran perioperative nursing executive, Linda has devoted her career to perioperative nursing practice, education, and executive management. Her previous professional positions include international health care consultation, chief operating officer/nurse executive of Kaiser Foundation Hospital, San Francisco, CA, and assistant director of hospitals and clinics OR-PACU and surgery center at the University of California San Francisco.

Throughout her career, Linda has focused on improving patient safety. At Kaiser Permanente–San Francisco, she introduced and piloted several patient safety initiatives, including walking rounds for administration and the implementation of the “Just Culture” concept, an environment where actions are analyzed to ensure that individual accountability is established and appropriate actions are taken.

Awarded AORN’s Award for Excellence in Perioperative Nursing in 1989, Linda was inducted in 2000 as a fellow of the American Academy of Nursing. In 2005, she received Nursing Spectrum magazine’s California and U.S. Nursing Excellence Award for Leadership. In 2006, she was named one of San Francisco’s 100 most influential women in business. In 2011, Linda was named by Becker’s as one of the top 10 Leaders in the Area of Clinical Quality and in 2013 was identified by Becker’s as one of 50 experts leading the field of patient safety.

Linda currently serves as the chair of Nursing Alliance for Quality Care (NAQC). She also is a member of the editorial board of Nursing Spectrum.
Andrea L. Warshaw, MD, FACS, FRCSEd(Hon)
President-Elect, American College of Surgeons
W. Gerald Austen Distinguished Professor of Surgery
Harvard Medical School
Surgeon-in-Chief and Chairman Emeritus
Department of Surgery, Massachusetts General Hospital
Senior Consultant
International and Regional Clinical Relations, Massachusetts General Hospital and Partners Healthcare

Dr. Andrew Warshaw, a graduate of Harvard College and of Harvard Medical School, trained in surgery at the Massachusetts General Hospital. He also spent two years as a Clinical Associate in the Section on Gastroenterology of the National Institutes of Health and was a research fellow in medicine (gastroenterology) at the Massachusetts General Hospital. Since 1972, he has been on the staff at the Massachusetts General Hospital and the faculty of Harvard Medical School. In 1987, he became Professor of Surgery at Harvard and in 1997, the W. Gerald Austen Professor of Surgery, Surgeon-in-Chief and Chairman of the Department of Surgery at the Massachusetts General Hospital, positions he held until 2011.

Dr. Warshaw has been President of the Society for Surgery of the Alimentary Tract, the International Association of Pancreatology, the Massachusetts Chapter of the American College of Surgeons, the New England Surgical Society, the Halsted Society, the Boston Surgical Society, the Society of Surgical Chairs, and the American Pancreatic Association. He was a Director of the American Board of Surgery and its Chairman in 1993. He has served as a Governor of the American College of Surgeons and chair of its Socioeconomic Issues Committee. In 1999, he conceived and began the volunteerism program of the ACS which became Operation Giving Back. He has been First Vice-President of the American College of Surgeons, a member of its Health Policy Steering Committee, and founding Chair of the Board of Directors of the American College of Surgeons Professional Association/Political Action Committee. In 2007 he was elected Treasurer of the American College of Surgeons, and was appointed Chair of its Health Policy and Advocacy Group.

Dr. Warshaw has made important contributions to the diagnosis, treatment, and understanding of the pathogenesis of inflammatory and malignant lesions of the pancreas. His bibliography lists more than 425 original reports as well as 240 book chapters, reviews, and monographs and 13 books. He is Editor-in-chief of the journal SURGERY. He has received the Master Educator Award of the Society for Surgery of the Alimentary Tract, the Lifetime Achievement Award of the American Pancreatic Association, the Rudolf Nissen Medallion from the German Society of General and Gastrointestinal Surgery, the Founders Medal of the Society for Surgery of the Alimentary Tract, the James Ewing Medal of the Society of Surgical Oncology, the Joseph B. Martin Dean’s Award for the Advancement of Women from Harvard Medical School, and the Nobility in Science Award of the National Pancreas Foundation. He is an Honorary Fellow of the German and Italian Societies of Surgery and the Society of Black Academic Surgeons. In 2012, he was awarded the Harold Amos Faculty Diversity Award from Harvard Medical School.

In January 2012, the Harvard Medical School inaugurated the Warshaw Family Professorship in Surgery, honoring Dr. Warshaw’s career and accomplishments as a surgical leader.
2014 HOT TOPICS

- Hospital-Acquired Conditions (HACs)
- Reducing Surgical Site Infections (SSIs)
- Resident Engagement
- Real-Time Risk Adjusted Reports
- Presenting ACS NSQIP Data
- Enhanced Recovery Pathways
- Electronic Health Records (EHRs)
- Process Improvement (PI)
- Bariatric Surgery

CONFERENCE AT A GLANCE

SATURDAY, JULY 26, 2014

<table>
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<tr>
<th>Event</th>
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<tr>
<td>Breakfast for Preconference Attendees</td>
<td>7:00–8:00 am</td>
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<tr>
<td>Preconference Workshops</td>
<td>8:00 am–12:00 noon</td>
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<tr>
<td>Lunch for Preconference Attendees</td>
<td>12:00 noon–1:00 pm</td>
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<tr>
<td>Conference Overview and Keynote I</td>
<td>1:00–2:30 pm</td>
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<tr>
<td>General Session</td>
<td>2:30–4:00 pm</td>
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<td>Abstract Poster Viewing and Networking Break</td>
<td>4:00–5:00 pm</td>
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<tr>
<td>New York Sightseeing Tour</td>
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SUNDAY, JULY 27, 2014

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<tr>
<td>Breakfast</td>
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<tr>
<td>Concurrent Breakout Sessions</td>
<td>8:00–10:00 am</td>
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<tr>
<td>Networking Break</td>
<td>10:00–10:30 am</td>
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<tr>
<td>Concurrent Abstract Sessions</td>
<td>10:30–11:30 am</td>
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<td>Lunch (Including Ask the Expert Luncheons)</td>
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<td>General Session: Keynote II</td>
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<tr>
<td>Networking Break</td>
<td>3:00–3:30 pm</td>
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<td>General Session</td>
<td>3:30–5:00 pm</td>
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<tr>
<td>Evening Reception</td>
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MONDAY, JULY 28, 2014

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<td>General Session</td>
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<td>Networking Break</td>
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<tr>
<td>Concurrent Breakout Sessions</td>
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<td>Lunch</td>
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<td>General Session</td>
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<td>Networking Break</td>
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<tr>
<td>Concurrent Abstract Sessions</td>
<td>4:00–5:00 pm</td>
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<tr>
<td>SCR Meet and Greet</td>
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TUESDAY, JULY 29, 2014

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<td>Networking Break</td>
<td>9:15–9:45 am</td>
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<tr>
<td>General Session and Closing</td>
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*Off-Site – Transportation Provided
** Off-Site – Walking Distance
PRECONFERENCE WORKSHOPS

SATURDAY, JULY 26
8:00 AM–12:00 NOON

P1: Preconference Session 1—
ACS NSQIP Basics
This session will focus on giving new Surgical Clinical Reviewers (SCRs) the knowledge and tools they need to succeed in their roles and make ACS NSQIP successful in their hospitals. ACS NSQIP Basics will focus on how to utilize real-time, online benchmarking reports and the risk-adjusted Semiannual Report (SAR) for quality improvement (QI) purposes. The session will also review other ACS NSQIP products, such as the Participant Use Data File (PUF), risk calculators, best practices guidelines, the return on investment (ROI) calculator, and case studies. Finally, the session will cover Workstation tips and tricks, data automation, and other tools that can make the SCR’s job easier. While the workshop is designed for new SCRs participating in the adult ACS NSQIP options, it is open to any conference attendee who would like to increase his or her knowledge of the program and its offerings.

SPEAKERS: Amy J. Hart; Kristopher Huffman; Matthew M. Hutter, MD, FACS; Melissa Latus, RN, BSN; and Steve Merzlak

P2: Preconference Session 2—
ACS NSQIP Pediatric
This session will focus on giving Surgeon Champions (SCs) and Surgical Clinical Reviewers (SCRs) the knowledge and tools they need to succeed in their roles and make ACS NSQIP Pediatric successful at their hospitals. This will include a SC and SCR collaboration session in working through difficult definitions. The session will address resident scholar research, an update on the appendectomy pilot, and how to utilize the SAR for quality improvement purposes. Finally, there will be an overview of the program move to the Procedure Targeted option.

SPEAKERS: Douglas C. Barnhart, MD, MSPH, FACS; Bruce L. Hall, MD, PhD, MBA, FACS; Shawn J. Rangel, MD, MSCE, FACS; Jacqueline M. Saito, MD, FACS; Kari Kraemer, PhD; Claudia Byrd, RN; and Anne Stey, MD

P3: Preconference Session 3—
Communication and Teamwork: Using New Strategies from Social Movement and Liberating Structures
We promise that this will be one of the most fun workshops you have ever attended! Are you tired of using the same techniques to improve care? Is it hard to get people interested and engaged? Come and join us to learn about creative tools that you can use at your own hospital. These liberating structures exercises have been widely used to engage people in a cause. Using these pragmatic tools and mobilizing organizational radicals is bound to spur innovation and growth in your organization. You will walk away with a whole new bag of tricks!

SPEAKERS: Marlies van Dijk, RN, MSc; Scott J. Ellner, DO, MPH, FACS; Kimberly McKinley, RN, MN; and Cynthia Ross-Richardson, MS, BSN, CNOR

This workshop is limited to 80 attendees.
**P4: Preconference Session 4—Leveraging ACS NSQIP: Robust Process Improvement**

ACS NSQIP is world-renowned for its data integrity, reliability, and precision. Overall, ACS NSQIP has been demonstrated to reduce morbidity and mortality. The Deming Axiom of “you can’t manage what you don’t measure” holds true in surgical quality improvement. In this session, you will learn how to improve processes, leverage data, and drive change. From the leaders in their fields, you will gain valuable skills in honing your message, marshaling resources, and providing for enduring quality improvement.

**SPEAKERS:** Robert A. Cherry, MD, FACS; Erin S. Dupree, MD; Nestor Esnaola, MD, MPH, MBA, FACS; Allan Siperstein, MD, FACS; Christopher B. Mills, MD, FACS; John F. Sweeney, MD, FACS; John M. Morton, MD, MPH, FACS, FASMBS; and Ronnie A. Rosenthal, MD, FACS

This workshop is limited to 80 attendees.

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**P5: Preconference Session 5—Hospital-Acquired Conditions: Using ACS NSQIP to Drive Performance**

This session will focus on the current and future trends in federal pay-for-performance programs. Participants will learn how to find fields in the ACS NSQIP dataset that are relevant to the Hospital-Acquired Conditions (HACs) penalty program and will be able to identify available payer datasets that can be used to quantify the cost of surgical harm. How to apply a method for determining the value of surgical services will also be taught.

**SPEAKERS:** J. Michael Henderson, MB ChB, FACS; Jacqueline Matthews, RN, MS; and Nirav Vakharia, MD

This workshop is limited to 50 attendees.

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**P6: Preconference Session 6—Introducing Custom Outcomes Reports and a Quality Improvement Curriculum for Use in Graduate Surgical Education**

This two-part Quality Improvement Training Initiative (QITI)-sponsored workshop will focus on the integration of quality improvement education into graduate surgical education. The target audience includes all residents, Surgical Clinical Reviewers (SCRs), and surgeons practicing in an academic setting. In the first part of the workshop, participants will learn how to generate ACS NSQIP reports for resident education using the new QITI Web Portal. For those already capable of generating basic reports, the workshop will also include training in basic ways to get started using the reports. In part two, the QI curriculum will be revealed. In small working groups, we will work on practical approaches to the implementation of this education program at the local level. We will allow time at the end for participants to provide feedback and suggestions for the next phase of QITI. This experiential mini-course will cover the basics of education in quality improvement and provide participants with a hands-on opportunity to apply these principles to an educational case study.

**SPEAKERS:** Rachel R. Kelz, MD, MSCE, FACS; Rachel Medbery, MD; Craig W. Miller; Gail Ortenzi, RN, BSN, CCM; Mary Santos, MD; and Thomas J. VanderMeer, MD, FACS

This workshop is limited to 80 attendees.
**P7: Preconference Session 7—Excel and Reports: Beginner**

The ACS NSQIP Clinical Support and IT Teams will provide a basic understanding of Excel functions and how to incorporate these skills when analyzing data generated from Workstation Reports and the Data Download Tool (DDT). At the end of this course you should be able to identify areas for improvement from your Semiannual Report and use the newly learned reporting and Excel skills to drill down into information in the identified areas of concern.

**SPEAKERS:** Bradley Schwab, RN, BSN; Jacob Lapsley RN, BSN; and Craig W. Miller

This workshop is limited to 60 attendees.

The workshop fee is $139 and includes the rental cost of a mandatory laptop.

Please note that this session is from 8:00–10:00 am.

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**P8: Preconference Session 8—Excel and Reports: Advanced**

This course is designed to instruct participants on the application of more advanced spreadsheet and database functionality in the analysis of various Workstation reports. Specific instruction will be provided on merging tables, advanced Data Download Tool applications, identifying occurrences by surgeon, and postop occurrences and readmissions.

**SPEAKERS:** Bradley Schwab, RN, BSN; Jacob Lapsley RN, BSN; and Craig W. Miller

This workshop is limited to 60 attendees.

The workshop fee is $139 and includes the rental cost of a mandatory laptop.

Please note that this session is from 10:15 am–12:00 noon.

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**BREAKOUT SESSIONS**

**SUNDAY, JULY 27**

**8:00–10:00 AM**

**B01A: Breakout Session 1**

**SCR: Discussion of Complex Clinical Scenarios and Variable Review**

Abstracting complex variables can be a challenge, causing confusion and frustration, and could potentially impact the integrity of your ACS NSQIP data. In this session, the ACS NSQIP Clinical Team will use the results of an optional clinical scenario quiz, sent out prior to the session, to delve into challenging variables and complex clinical scenarios. The interactive question and answer session will present tips on how to abstract these variables and will provide specific rationale for these responses.

**SPEAKERS:** Joe Bonura, RN, BSN; Sara Baudo, RN, BSN; Marjorie Hovis, RN, BSN, MBA; Jakob Lapsley, RN, BSN, PCCN; Melissa Latus, RN, BSN; Lisa Scholl, RN, MSN; Bradley Schwab, RN, BSN; Rita Vargos, RN, BSN; and Shelencia Weatherspoon, RN, BSN
**BO2A: Breakout Session 2**  
**Pediatric SCR Education Session: Scenarios and Clinical Updates**

The Data Definitions Committee (DDC) will review thought-provoking clinical scenarios, as established by SCRs from the DDC, the Advisory Committee, and questions sent from SCRs to Clinical Support. The interactive question and answer session will present tips on abstracting challenging variables and will provide specific rationale for responses to challenging clinical scenarios. Clinical scenarios will be distributed to pediatric SCRs and SCs prior to the annual meeting, and an audience response system will be used during the session.

**SPEAKERS:** Martin Blakely, MD, FACS; Claudia Byrd, RN; Catherine Grant, BSN, RNC-NIC; Laura Liette; and Jacqueline M. Saito, MD, FACS

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**BO3A: Breakout Session 3**  
**New Surgeon Champion: I’m the New Surgeon Champion, Now What?**

Panelists will share their stories of how they implemented ACS NSQIP in their institutions and their successes in process improvements identified through ACS NSQIP. This interactive question and answer session will focus on the importance of the relationship between the Surgeon Champion and the Surgical Clinical Reviewer in driving best practices to reduce surgical complications.

**SPEAKERS:** Celia Divino, MD; Scott J. Ellner, DO, MPH, FACS; Kathleen Gravelle, MSN, BSN, RN; Judy Lewis RN, MSN, ANP; Alan Meinke, MD, FACS; Sonia Panigraphy, MPH, CPHQ; Cynthia Ross-Richardson, MS, BSN, CNOR; and Jyotirmay Sharma, MD, FACS

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**BO4A: Breakout Session 4**  
**Established Surgeon Champion and Administrator: Does Experience Matter when Utilizing the Data?**

Learn how you can continue to be a quality leader and agent of change in your institution. This session will focus on different methods you can employ to continue to make the most of utilizing your ACS NSQIP data as a key component of your quality improvement efforts. Panelists will discuss the relevance of ACS NSQIP data after multiple years of data collection and the effects on local institutional culture, how to maintain best practices with trending data, and how to deal with persistent low outliers.

**SPEAKERS:** Oscar Guillamondegui, MD, FACS; Mary T. Hawn, MD, FACS; and Barbara Martin, RN

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**BO5A: Breakout Session 5**  
**Researcher: Harnessing ACS NSQIP Data for Research**

ACS NSQIP provides investigators with various sources of data that can be used to conduct high-quality, clinical/health services research. In this session, participants will focus on the various sources of ACS NSQIP data available to researchers. You will learn tips for using the ACS NSQIP Participant Use Data File more effectively. Speakers will share knowledge about using hospital-level data. The whys and hows of setting up collaboratives and how they can be harnessed for research purposes also will be covered.

**SPEAKERS:** Mark E. Cohen, PhD; Nestor Esnaola, MD, MPH, MBA, FACS; Faek R. Jamali, MD, FACS; Henry A. Pitt, MD, FACS; Ronnie A. Rosenthal, MD, FACS; Hani Tanim, MD; and Elizabeth C. Wick, MD, FACS
**B06A: Breakout Session 6**

**Bariatric: The New Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program, Part I**

An outline of PI/QI projects that support safety in the metabolic and bariatric surgery patient population as part of a multidisciplinary and programmatic approach will be covered in this session. A general overview of the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) standards and the necessary elements of site verification will be included. A nationwide surgical quality improvement project surrounding readmissions will also be outlined.

**SPEAKERS:** John M. Morton, MD, MPH, FACS, FASMBS; Anthony T. Petrick, MD, FACS, FSSO; and David A. Provost, Jr., MD, FACS; FASMBS

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**B07A: Breakout Session 7**

**Quality Improvement Leadership Development Course for Residents**

This session will focus on the resident as a QI champion. The course will review practical ways for the resident to advance the quality mission during surgical residency while providing suggestions for getting involved after the transition to practice. It is designed to assist residents in developing some of the essential skills necessary to be successful in QI.

**SPEAKERS:** Rebecca Hoffman, MD; Lillian Kao, MD, FACS; Rachel R. Kelz, MD, MSCE, FACS; Clifford Y. Ko, MD, MSHS, FACS; Joseph V. Sakran, MD, MPH; and John F. Sweeney, MD, FACS

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**BREAKOUT SESSIONS**

**MONDAY, JULY 28**

10:30 AM–12:00 NOON

**BO1B: Breakout Session 1**

**Lessons Learned from Five Collaboratives**

Collaboratives are groups of ACS NSQIP-participating hospitals that come together to discuss best practices, quality improvement initiatives, and/or compare their surgical outcomes in a positive learning environment. The purpose of this session is to highlight projects of the following collaboratives: Connecticut Surgical Quality Coalition (CtSQC), Pennsylvania ACS NSQIP Consortia, Upstate New York Surgical Quality Initiative (UNYSQI), Northern California Surgical Quality Collaborative (NCSCQC), and the Kaiser Permanente Northern California Regional NSQIP Collaborative (KPNCRNC).

**SPEAKERS:** Vanita Ahuja, MD, FACS; Molly P. Clopp, RN; Fergal Fleming, MD, FRCS; Debbie Frickel, RN; and Christopher Tasik

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**BO2B: Breakout Session 2**

**Venous Thromboembolism**

Venous thromboembolism (VTE) remains a potentially life-threatening complication among hospitalized patients, particularly after major operations. Considerable efforts have been directed toward lowering postoperative VTE rates. In this session, VTE risk-assessment tools, patient protocols, and publicly reported quality of care measures on hospital VTE performances will be discussed.

**SPEAKERS:** Karl Y. Bilimoria, MD; Joseph A. Caprini, MD, FACS; Elliott R. Haut, MD, FACS; and David McAneny, MD, FACS
BO3B: Breakout Session 3
Successful Strategies to Engage Residents in Quality Improvement

This session will focus on effective strategies to incorporate mandated quality improvement education into existing educational activities. The session will highlight three targets for the easy integration of QI education that will keep your residents engaged. Using these techniques, the surgical educator will improve compliance with new Accreditation Council for Graduate Medical Education (ACGME) requirements in QI and begin the documentation process for the New Accreditation System (NAS)–Milestones. The session will be of greatest use to individuals involved with academic medical centers.

SPEAKERS: Scott J. Ellner, DO, MPH, FACS; Rebecca Hoffman, MD; Rachel R. Kelz, MD, MSCE, FACS; Greg Sacks, MD, MPH; Benjamin R. Roman, MD, MSHP; and Beth Turrentine, PhD, RN

BO4B: Breakout Session 4
Increasing Value of ACS NSQIP Pediatric Program: Challenges and Practical Solutions

This session will cover the important updates and progress toward a Procedure Targeted style program and changes to program sampling for the program moving forward. The session will focus on pilot development, data collection to data analysis, and how sites can participate in the pilot programs and use information abstracted to improve outcomes. The session will focus on the value of the ACS NSQIP Pediatric Program and getting the word out at your hospital.

The session will conclude with a question and answer panel to address questions regarding the program move to a procedure-specific risks and outcomes program.

SPEAKERS: Douglas C. Barnhart, MD, MSPH, FACS; Emily Boss, MD, FACS; Brian K. Brighton, MD, MPH; Bruce L. Hall, MD, PhD, MBA, FACS; Keith T. Oldham, MD, FACS; Shawn J. Rangel, MD, MSCE, FACS; and Jacqueline M. Saito, MD, FACS

BO5B: Breakout Session 5
Electronic Health Records Enablement for Data Capture

Panelists will describe how their organizations have approached the process of automating data extraction from their Electronic Health Records (EHRs) into the ACS NSQIP database. The session will highlight critical elements that need to be considered as you endeavor to automate the data abstraction process, including not only the technical aspects but also the personnel and teams you should involve. There will be extensive discussions on the standardization of documentation, workflows, and data validation. A question and answer panel discussion will follow to address questions regarding the content shared in this session.

SPEAKERS: Nancy Anzlovar, RN, BSN; Bonnie Hodges, RN; Rocky Oppedisano, CPM, MBA; Tammy Peacock, RN; Allan Siperstein, MD, FACS; and Susan M. Sullivan, CPHQ
**B06B: Breakout Session 6**

The New Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program, Part II

An outline of collaborative-based projects that support safety in the metabolic and bariatric surgery patient population as part of a multidisciplinary and programmatic approach will be covered in this session. The importance of data collection and meaningful interpretation of data for PI/QI efforts from the perspective of a surgeon’s private practice as well as an introduction and evolution of the MBSAQIP standards will be explored.

**SPEAKERS:** Ronald H. Clements, MD, FACS; Wayne J. English, MD, FACS; and Matthew M. Hutter, MD, MPH, FACS

**BREAKOUT SESSIONS**

**TUESDAY, JULY 29**

8:00–9:15 AM

**B01C: Breakout Session 1**

Geriatric: Getting Your Older Patient Safely through Surgery and Home Again—How ACS NSQIP Can Help

Speakers in this session will describe the current status of initiatives undertaken by ACS NSQIP to improve the care for geriatric surgical patients. These initiatives include the Preoperative Assessment Guidelines, the Perioperative Management Guidelines (in development), and the new Geriatric Variables Collaborative, currently underway.

**SPEAKERS:** Mark R. Katlic, MD, FACS; Sanjay Mohanty, MD; Thomas N. Robinson, MD, FACS; and Ronnie A. Rosenthal, MD, FACS

**B02C: Breakout Session 2**

Moving Toward Best Practices for Pediatric Appendicitis: What Can We Learn from Those of Us Who Are Doing It Better?

This session is designed for Surgeon Champions (SCs), Surgical Clinical Reviewers (SCRs), and other individuals interested in improving the quality of care for children with appendicitis. The session will serve to highlight and share “best practices” as identified from exemplar hospitals participating in the ACS NSQIP Pediatric Appendicitis Pilot Project. Specifically, the session will focus on strategies to streamline the diagnostic evaluation of children with suspected appendicitis with an emphasis on reducing the need for diagnostic imaging (especially computed tomography [CT] scans) without increasing negative appendectomy rates. Strategies to reduce readmissions and unanticipated revisits will also be explored, with an emphasis on establishing effective discharge criteria and an outpatient “support structure” for the early identification and management of postdischarge problems. The session will feature a question and answer panel of representatives from high-performing hospitals who will provide practical advice on “lessons learned” and strategies for successful and sustained implementation of “high-yield” practice guidelines and clinical pathways.

**SPEAKERS:** Martin Blakely, MD, FACS, and Shawn J. Rangel, MD, MSCE, FACS
**B03C: Breakout Session 3**

*Are We Doing All We Can to Prevent Anastomotic Leak?*

This session will review potential pitfalls in our understanding of the clinical occurrence, course, and outcome of anastomotic leaks due to lack of a consensus-based definition of leakage. The session will discuss the impact of these pitfalls on prevention measures and antibiotic choices. Finally, a review of new insights into the microbial basis of anastomotic leak will shed light on how molecular markers might be used to predict anastomotic leak and how they might guide antibiotic prophylaxis.

**SPEAKERS:** John C. Alverdy, MD, FACS, and Najjia N. Mahmoud, MD, FACS

**B04C: Breakout Session 4**

*ACS NSQIP Statistical Developments, including “Real-Time” Risk Adjustment*

In this session, we will first provide a brief review of risk- and shrinkage-adjusted profiling in ACS NSQIP, followed by presentations on emerging statistical developments. We will describe a new application that will permit “real-time” risk- and shrinkage-adjusted results for our Essential options, which will provide users with more contemporaneous evaluations of surgical quality. We will then evaluate ACS NSQIP options in terms of their profiling reliability—their ability to detect real performance differences between hospitals. Finally, we will describe two new outcomes, one appearing in the Universal Risk Calculator and one appearing in the SAR.

**SPEAKERS:** Mark E. Cohen, PhD; Kristopher Huffman, MS; and Yaoming Liu, PhD

**B05C: Breakout Session 5**

*Return on Investment*

Are quality and patient safety programs worth the investment? This session will focus on three discrete quality improvement initiatives and speak in detail to their respective results. Hear how efforts to reduce surgical site infections (SSIs), hospital-acquired infections, and pneumonia have improved patient care and the bottom line.

**SPEAKERS:** Linda Dempster, RN, MA; Bruce L. Hall, MD, PhD, MBA, FACS; John McNelis, MD, FACS; and Peter F. Nichol, MD, PhD
ABSTRACT SESSIONS

Attending abstract sessions is an excellent opportunity to learn about some of the latest quality improvement projects, best practices, and research from our participants using ACS NSQIP data.

Please note that the sessions with I, II, and III are not part of a successive series. For instance, you may attend Part III, without necessarily attending Part I or Part II first.

SUNDAY, JULY 27
10:30–11:30 AM

AB1A: Quality Improvement I
AB2A: Prediction I
AB3A: Leadership and Technology
AB4A: Pancreatic Surgery
AB5A: Metabolic Surgery
AB6A: Pediatric Surgery I
AB7A: Pediatric Surgery II
AB8A: Pulmonary
AB9A: Adult Specialty Surgery
AB10A: ACS NSQIP Collaboratives
AB11A: Perioperative Care I
AB12A: Colorectal Surgery I
AB13A: Surgical Site Infection

MONDAY, JULY 28
4:00–5:00 PM

AB1B: Quality Improvement II
AB2B: Prediction II
AB3B: Wound Class and SSI
AB4B: Pancreatic and Liver Surgery
AB5B: Pediatric Surgery III
AB6B: Breast and Gynecological Surgery
AB7B: Vascular Surgery and VTE
AB8B: Special Patient Population
AB9B: Enhanced Recovery Pathways
AB10B: Comprehensive Unit-Based Safety Program and Surgical Comprehensive Unit-Based Safety Program (CUSP/SUSP)
AB11B: Perioperative Care II
AB12B: Colorectal Surgery II
AB13B: Education

ASK THE EXPERT LUNCHEONS

SUNDAY, JULY 27
11:45 AM–12:45 PM

The Ask the Experts luncheon sessions will provide you an opportunity to meet very informally with leading authorities on various topics. The smaller group setting is intended to provide an environment conducive to a rich exchange of questions, answers, and ideas. There will be no formal presentations or A/V provided during these luncheons. The bullet points provided under each offering are just an example of the range of topics that can be explored with the facilitator and other ACS NSQIP participants.

These luncheons are limited to 16 participants.

AE1: Surgeon Champion (SC)
• To be a Surgeon Champion or not to be… That is the question
• Navigating the ACS NSQIP puzzle mania
• To be a great Surgeon Champion is to partner with a great Surgical Clinical Reviewer
• How to use ACS NSQIP to build trust among your peers
• Deflecting darts when instituting change

FACILITATORS: Scott J. Ellner, DO, MPH, FACS, and Cynthia Ross-Richardson, MS, BSN, CNOR

AE2: Surgical Clinical Reviewer (SCR)
• Implementing ACS NSQIP at your hospital
• Being the sole SCR at a site is challenging and rewarding
• What can be accomplished at an academic medical center with limited resources
• How to share your data with your administration and your peers
• Embracing change

FACILITATORS: Martha J. Antal, RN, BSN, and Nancy Anzlovar, RN, BSN
**AE3: Pediatric Surgeon Champion (SC)**
- Quality improvement is a team sport: Partnering with your SCR and local leadership
- Being a champion of change: You don’t have to be a process improvement expert
- It takes a village: The development of ACS NSQIP Pediatric
- Where do I start? We are entering data, so now what?
- Quality improvement and the educator: Resident involvement in QI projects

**FACILITATOR:** Jennifer L. Bruny, MD

**AE4: Pediatric Surgical Clinical Reviewer (SCR)**
- Using your resources: How to find the needle in the haystack
- Stuck on SCR Island? You are not alone in the search for quality improvement
- Searching for truth and accuracy in the most challenging questions
- Can you hear me now? Managing 30-day follow up
- Parenting your program: How to guide, grow, and nurture your program

**FACILITATORS:** Seth A. Gregory, MSN, RN, and Cindy B. Katz, MPH, MN, RN

**AE5: Comprehensive Unit-Based Safety Program and Surgical Unit-Based Safety Program (CUSP/SUSP)**
- Struggling with employee engagement and teamwork in your hospital?
- Looking for a tool to intervene?
- Is CUSP right for you?
- Key components of CUSP and how you get started
- How to manage culture change
- Using ACS NSQIP data in CUSP
- Current CUSP participants are invited to come and share their experiences and lessons learned.

**FACILITATORS:** Deborah B. Hobson, BSN; Martin A. Makary, MD, MPH, FACS; and Elizabeth C. Wick, MD, FACS

**AE6: Quality and Patient Safety**
- Hottest items in quality and patient safety
- Your hospital’s quality and safety agenda
- Individual physician quality and safety responsibilities
- How can ACS NSQIP help meet hospital and physician requirements?

**FACILITATOR:** J. Michael Henderson, MB ChB, FACS

**AE7: Surgical Site Infection (SSI)**
- Prophylactic antibiotics: Which cases, which drug, when do you give it, how much, for how long?
- A1c or periop glucose levels: Which one is more important?
- Perioperative hyperglycemia: I only have to be concerned about diabetic patients and cardiac surgery, right?
• Bowel prep and oral antibiotics for colon operations: That’s old fashioned and out of date, right?
• Checklists: They don’t really work to reduce complications, do they? Look at the recent paper from Ontario
• Normothermia: As long as you keep the operating room warm enough that should take care of it, right?

**FACILITATOR:** E. Patchen Dellinger, MD, FACS

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**AE8: Leading and Managing Process Improvement Initiatives**

• How change management can help you translate your PI initiatives into lasting results
• How to build the ideal PI team
• How to "sell" your PI initiative, gain support for it, and effectively roll it out throughout your organization
• How to exploit "wins" to produce more improvements
• How to make improvements "stick"

**FACILITATOR:** Nestor Esnaola, MD, MPH, MBA

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**AE9: Enhanced Recovery Pathways**

• Overview of enhanced recovery principles
• Using enhanced recovery pathways and a team-based approach to standardize perioperative care
• Evidence-based interventions designed to avoid postoperative complications and reduce hospital length of stay
• Evidence behind these pathways and their effect on outcomes
• How to tell your story to administration and payers

**FACILITATOR:** Julie K. Marosky Thacker, MD, FACS

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**AE10: Pneumonia**

• Postoperative pneumonia is the largest contributor to postoperative mortality in surgical patients (40 percent)
• ACS NSQIP can provide excellent data to develop a performance improvement project around postoperative pneumonia
• Pneumonia prevention bundles do work: Postoperative pneumonia can be almost completely prevented
• You need a multidisciplinary team to prevent postop pneumonia

**FACILITATOR:** Pascal R. Fuchshuber, MD, PhD, FACS

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**AE11: Venous Thromboembolism (VTE)**

• Risk assessment as a guide to thrombosis prophylaxis
• Length of prophylaxis in benign and malignant abdominal operations
• The use of the new anticoagulants for treatment of postoperative thrombosis
• The use of prophylactic filters for high risk surgical procedures in patients with a past VTE history
• Perioperative bridging anticoagulation for patients on chronic anticoagulation requiring major surgical procedures

**FACILITATOR:** Joseph A. Caprini, MD, FACS

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**AE12: Bariatric Surgery**

• MBSAQIP standards for optimal care
• Moving beyond mortality in bariatric surgery quality: Instituting a QI Project
• Leveraging your site visit
• How to decrease readmissions
• Utilizing your data

**FACILITATORS:** Ronald H. Clements, MD, FACS, and Matthew M. Hutter, MD, MPH, FACS
GENERAL SESSIONS

The conference will open on Saturday afternoon with a reflection by Andrew L. Warshaw, MD, FACS, on where the surgical profession has been and where it is going and the imperative to reduce SSIs. Sunday’s sessions include talks about accountability and quality care and understanding the quality/cost equation. On Monday, the sessions look at preparing and presenting ACS NSQIP data, regulatory updates, and how ACS NSQIP can help you and your hospital create value. Tuesday will include a talk on Enhanced Recovery and implementing best practices for best surgical care. The conference will conclude with quality improvement case studies from two ACS NSQIP sites.

CME

The American College of Surgeons (ACS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Surgeons designates this live activity for a maximum of 20.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Self-Assessment Credits will be provided for this activity.

Contact NSQIPconference@facs.org for more information.

CEU

This activity has been submitted to the Rhode Island State Nurses Association for approval to award contact hours. The Rhode Island State Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

Contact the ACS NSQIP Clinical Support Team at clinicalsupport@acsnsqip.org for more information.

ACTIVITIES

Broadway Show Tickets

July 24–31, 2014

We want your stay in New York City to be an exciting one, so we have made it easy for you to book tickets to a Broadway show. All of the prices and services are available exclusively to ACS NSQIP attendees July 24–31, 2014. Many of the prices on this site are 10 percent to 20 percent off the regular ticket price. While we have secured discounted prices throughout the conference, we encourage you to reserve tickets on Saturday, July 26, as this is Broadway’s biggest night and we have left the evening open to plan as you choose. All sales made through this website are final, no exchanges or refunds. Please click here to book your show tickets.

New York Sightseeing Tour

Saturday, July 26, 2014

6:30–10:00 pm

Want to see it all but don’t know where to start? Weather and traffic permitting, you will have a front row seat to noteworthy neighborhoods, sensational shopping, and legendary landmarks! We will be making special stops for photo ops and short walking tours at the following locations: Lincoln Center, Madison Square Park to see the Empire State Building, Grand Central Terminal, and Robert Wagner Park to see the Statue of Liberty. $65 per person tour price includes chilled bottled water, tour guide, and transportation.
Evening Reception  
Sunday, July 27, 2014  
6:30–8:30 pm  
230 Fifth  
Rooftop Garden at 230 Fifth Ave.,  
New York, NY 10001  
Complimentary shuttle transportation will be provided beginning at 6:00 pm on 54th St. between 6th and 7th Avenues.

The reception will offer conference attendees the opportunity to relax, interact, and enjoy light hors d’oeuvres and libations. This year, the reception will take place at 230 Fifth, which is New York’s largest outdoor Rooftop Garden and fully enclosed Penthouse Lounge that includes breathtaking views of the Manhattan skyline, including architectural icons such as the Empire State Building and Chrysler Building. Spouses/guests are welcome to attend for an additional fee of $99.

SCR Meet and Greet  
Monday, July 28, 2014  
5:30–7:30 pm  
Remi Restaurant  
145 West 53rd St., New York, NY 10019  
(located directly behind the Hilton Midtown Hotel)

Join the ACS NSQIP Clinical Team, SCR Advisory Committee, and other Surgical Clinical Reviewers for networking and refreshments. Prizes will be raffled, and all SCRs are encouraged to attend.

REGISTRATION

Conference registration is on a first-come, first-served basis and is guaranteed to the first 1,200 participants. All attendees will be charged an administrative fee of $149. Session fees will be waived for the first two (2) employees of each site enrolled in the following ACS programs: ACS NSQIP and Pediatric. All other attendees will be charged a $495 registration fee in addition to the administrative fee, for a total of $644. Please note that additional fees apply for the following sessions and events: Enhanced Recovery Course on Friday, Preconference Workshops on Saturday morning, tickets to the sightseeing tour on Saturday night, and guest tickets for the reception at 230 Fifth on Sunday.

The advance registration deadline is Friday, July 11, 2014. Attendees are not officially registered for the conference until registration and payment have been received.

Please register in one of the following ways:  
Online:  www.acsnsqipconference.org  
Fax:  312-202-5003  
Mail:  American College of Surgeons  
Attn:  Registration Services  
633 N. Saint Clair St.  
Chicago, IL 60611-3211

CANCELLATION POLICY

All conference participants must notify Registration Services via e-mail at registration@facs.org to cancel their registration. The ACS NSQIP administrative fee of $149 is nonrefundable for all attendees. Attendees whose conference payment exceeds the $149 administrative fee will be issued a full refund of their remaining fee balance if registration cancellation is received by Thursday, July 3, 2014. Attendees who cancel after this deadline will not be issued a refund.
**HOTEL**

New York Hilton Midtown  
1335 Avenue of the Americas  
New York, NY 10019  

Phone: 212-586-7000  
Fax: 212-315-1374

**ABOUT THE HOTEL**

New York Hilton Midtown is conveniently located in the heart of Midtown Manhattan, just steps away from New York City's most popular attractions and shopping destinations. All guest rooms at the Hilton feature marble baths, 37-inch high-definition (HD) televisions with HD channels, on-demand HD entertainment, and a spacious work area. Other hotel features include an 8,000-square-foot fitness center, a 24-hour business center, a gift shop and convenience store, and concierge services.

For dining options within the hotel, Bridges Bar offers daily breakfast, while the Lobby Lounge offers lunch and dinner. Hilton's new concept restaurant, Herb N' Kitchen, features seasonal salads, artisanal sandwiches, brick oven pizzas, and specialty coffees. Light fare items are available to take away, and room delivery is available during limited hours. The hotel also offers minus 5° Ice Bar, where everything inside is made of sculpted Canadian ice, even the glasses from which the famous vodka-based cocktails are served.

**HOTEL RESERVATIONS**

A block of rooms has been reserved at the New York Hilton Midtown at the very special group rate of $259 single/double plus taxes (currently 14.75% plus $3.50/room) for standard rooms and $269 single/double plus taxes for newly renovated deluxe rooms. This special rate will be available until Thursday, June 26, 2014, or when the room block is full, whichever comes first. Reservations can be made by calling the New York Hilton Midtown directly at 212-586-7000, the Hilton Central Reservation line at 800-774-1500, or by clicking here.

A deposit of one night’s room and tax is due when making a reservation. This deposit is refundable if the hotel receives notice of cancellation at least 24 hours prior to the scheduled arrival date and a cancellation number is obtained. Please also note that checkout prior to the scheduled checkout date (after checking in) will incur an early departure fee of $125. To avoid this fee, please advise the hotel prior to check-in of any changes to your departure plans.

**HOTEL CHANGES AND CANCELLATIONS**

Changes to/or cancellation of your hotel reservation should be made directly with the New York Hilton Midtown.

**SPECIAL ASSISTANCE**

If, due to a disability, you will require any special accommodations while in attendance at this meeting, or you have any special restrictions, please let us know by contacting Karla Stuecker, Senior Meeting Planner, at 312-202-5353 or kstuuecker@fac.org no later than June 26, 2014.
TRAVEL

AIR TRANSPORTATION

Special meeting discounts are available on American Airlines. These special discounts are available by calling American directly or through a travel agent. Be sure to indicate the name of the meeting and refer to the authorization code to obtain special fares.

American Airlines
800-433-1790
6:00 am–12:00 am CST
Authorization Code: A6374DF

www.aa.com/group
(Please be sure to drop the preceding A from the authorization code when booking online.)

GROUND TRANSPORTATION

SuperShuttle is designated as the official airport shuttle company for the 2014 ACS NSQIP National Conference. Direct shuttles are available from the New York Hilton Midtown to JFK and LGA; shuttles to the New York Hilton Midtown from JFK and LGA are nondirect shuttles making multiple stops. Special discounts are available for reservations made online. To receive these special discounts, click here.

RENTAL CAR

Avis is designated as the official car rental company for the 2014 ACS NSQIP National Conference. Special meeting rates and discounts are available on a wide selection of GM and other fine cars. To receive these special rates, be sure to mention your Avis Worldwide Discount (AWD) number when you call.

Avis Reservations
800-331-1600
www.avis.com
AWD Number: B169699