Military Health System (MHS) Surgical Quality Consortium (SQC)

27-28 February 2024
American College of Surgeons, Chicago, IL

Tuesday, February 27, 2024

0700-0730 Breakfast

0730-0800 Welcome and Introduction
CDR Eric Twerdahl, MD, FACS
Surgical Quality Officer, WRNMMC & Associate Chair of Surgery for Quality, USUHS
CAPT (Ret.) Mollie Mullen, MBA, RN, CPHQ
DoD Collaborative NSQIP Steering Panel Co-Chair & NMCS&D SCR

0800-0900 Military Keynote Address
RADM Darin Via, MD, MHCDS, CPE
Surgeon General, US Navy Bureau of Medicine and Surgery
Objectives:
• Discuss the MHS’ strategic view on surgical quality
• Discuss the link between MHS strategy and local leadership
• Discuss extending the quality umbrella to the deployed environment

0900-0930 Fireside Chat
COL (Ret.) Paul Cordts, MD, SES
RADM Darin Via, MD, MHCDS, CPE
Objective:
• Provide a forum for participants to engage with leaders in military medicine

0945-0955 BREAK

1000-1100 Civilian Keynote Address
Anton Sidawy, MD, MPH, FACS
Professor and Lewis B. Saltz Chair of the Department of Surgery, George Washington University Medical Center
Objectives:
• Discuss the link between participation in surgical quality programs and excellence in clinical practice
• Describe the creation of novel surgical quality verification programs
1100-1130  DHA NSQIP Improvement Project  
CAPT (Ret.) Mollie Mullen & Lt Col Ryan Molchan MD, Comprehensive Ophthalmologist, Landstuhl Army Regional Medical Center Surgical Quality Officer  
Objectives:  
• Discuss the impetus for the DHA NSQIP Improvement Project  
• Discuss the personnel and process involved in the project  
• Describe the key findings and recommendations of the project

1130-1230  LUNCH

1230-1330  State of Surgical Quality in the MHS  
COL (Ret.) Paul Cordts, MD, SES  
Deputy Assistant Director, Medical Affairs, DHA  
Objectives:  
• Review MHS surgical outcomes data  
• Discuss the state of surgical quality in the DHA  
• Review MTF NSQIP engagement with individual markets and the broader DHA

1330-1500  Practical Applications of ACS NSQIP  
• Review of Modeling Methodology and the Participant Use File (Mark Cohen, PhD)  
• Methods behind Collaborative Reports (Vanessa Thompson, PhD)  
Objectives:  
• Review the modeling methodology underlying ACS NSQIP  
• Review the appropriate interpretation of data presented in the Semi-Annual Reports and Interim Semi-Annual Reports  
• Review the appropriate interpretation of data presented in the Collaborative Reports

1500-1515  BREAK

1515-1645  Role-Specific Breakout  
ACS NSQIP Track – SC  
Location: Board of Regents Room (28th Floor)  
Consolidation—Applying Today’s Principles in a Practical Sense  
Facilitated by Col Sexton, LTC Hooten, and CDR Twerdahl

ACS NSQIP Track – SCR  
Location: 28 West Side Conference Room (28th Floor)  
Consolidation – NSQIP Definitions, Experience Sharing and Problem-Solving  
ACS Adult and Pediatric Clinical Support – Claudia Byrd, RN  
Objectives:  
• Facilitate communication and collaboration among service leads on role-specific issues  
• Identify best practices and common challenges across MHS

1645-1700  DAY Wrap-Up  
CDR Eric Twerdahl, MD, FACS  
CAPT (Ret.) Mollie Mullen, MBA, RN, CPHQ
Objectives:
- Perform needs assessment
- Introduce index card exercise
- Review Day 1 and preview Day 2

1700-1800  Happy Hour Reception
            28th Floor

Wednesday, February 28, 2024

0700-0730  Breakfast

0730-0745  Group Photo

0745-0800  Welcome Day 2
            CDR Eric Twerdahl, MD, FACS
            Surgical Quality Officer, WRNMMC & Associate Chair of Surgery for Quality, USUHS

0800-0830  Military Health System Strategic Partnership American College of Surgeons (MHSSPACS)
            Brian Eastridge, MD, FACS
            Medical Director, MHSSPACS
            Objectives:
            - Discuss the strategic goals of the MHSSPACS as these relate to surgical quality
            - Provide a forum for participants to engage with the new Medical Director of MHSSPACS

0830-0930  Operationalizing NSQIP: MTF Process Improvement
            Improvement Story #1 – OR Sterilization in the Deployed Setting (0830-0850)
            Lt Col John Allis, MD
            Orthopaedic Surgeon, Travis AFB
            Improvement Story #2 – SSI, Can We Detect Special Causes? (0850-0910)
            Edward Southern, MD
            Orthopedic Surgeon, Bayne-Jones Army Community Hospital
            Improvement Story #3 – Improvement Efforts at Nellis Air Force Base (0910-0930)
            Maj Theodore Saitz MD
            Urology Surgeon, 99 Surgical Operations Squadron Nellis Air Force Base

0930-1020  Provider Wellness
            Jamie Coleman, MD, FACS
            Vice Chair of Wellness, Associate Professor of Surgery University of Louisville School of Medicine
            Objectives:
            - Discuss provider wellness research
            - Share insights on the importance of surgical team wellness

1020-1035  BREAK
1035-1105  **Quality Verification Program (QVP) Preparations**  
*Moderators: CDR Eric Twerdahl, MD, FACS and CAPT (Ret.) Mollie Mullen*  
*ACS QVP Representative*

**Objectives:**
- Describe example of QVP preparation process
- Describe Surgical Quality Officer development
- Describe Surgical Quality Safety Committee (SQSC) functions

1105-1150  **Principles of Quality and Process Improvement**  
*Col Jennifer Sexton, MD, FACS*  
*DoD Collaborative NSQIP SP Co-Chair & Director of Surgical Services, Landstuhl Regional Medical Center*

**Objectives:**
- Discuss the fundamentals of improvement science
- Describe the specific process involved in identifying and improving an issue in surgical quality

1150-1230  **Using NSQIP for Research**  
*LTC Kristopher Hooten, MD, FACS*  
*DoD NSQIP Collaborative SP Army SC & Neurosurgeon, WRNMMC*

**Objectives:**
- Describe effective use of the NSQIP Participant Use File
- Review the various means by which NSQIP data can be used for research in the MHS

1230-1315  **Working Lunch**

1315-1330  **Final Wrap-Up and End of Meeting Survey**  
*CDR Eric Twerdahl, MD, FACS*

**Objectives:**
- Summarize index card exercise from the working lunch
- Review the 2024 SQC and gather suggestions for the 2025 SQC
- Close meeting and complete end of meeting survey