

A Chapter of the American College of Surgeons

# 2017 Fall Conference

October 13-14 | Water Street Inn | Stillwater, MN

# **FINAL PROGRAM**

### **MINNESOTA SURGICAL SOCIETY**

A Chapter of the American College of Surgeons

# 2017 Fall Conference

October 13-14, 2017 Stillwater, MN Water Street Inn



A Chapter of the American College of Surgeons

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# JOIN US!

FOR MSS HAPPY HOUR @ 6:30

Unwind after the meeting in the Foyer and the Sunshine Deck



VISIT 6 OR MORE OF THE MSS
EXHIBITORS AND YOU WILL BE ENTERED FOR
A CHANCE TO WIN AN APPLE GIFT CARD!

### **HOW TO ENTER & PLAY**

- 1. Pick up an Exhibitor Passport Card at the Registration Desk
- 2. Visit 6 or more exhibitors and have them sign your card
- 3. Return your card to the MSS Registration Desk after the last break on Saturday, October 14, 2017.
- 4. Drawing is at 12:20pm on Saturday, October 14, 2017



A Chapter of the American College of Surgeons

# 2017 Fall Conference

October 13-14 | Water Street Inn | Stillwater, MN

## Executive Board & Program Committee

#### **PRESIDENT**

**Keith Paley, MD** | Owatonna Clinic/Mayo Health System

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James Jakub, MD | Mayo Clinic

#### SECRETARY/TREASURER

**Eric Jensen, MD** | University of Minnesota

#### PRESIDENT-ELECT

Eric Jensen, MD | University of Minnesota

#### SECRETARY/TREASURER ELECT

Kaysie Banton, MD | University of Minnesota

### **DIRECTORS**

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**Sarah Grahn** | Colon & Rectal Surgery Associates

Rory Smoot, MD | Mayo Clinic

Mark Sawyer, MD | Mayo Clinic

**Bradley Segura, MD** | University of Minnesota

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### **COMMITTEE ON CANCER**

Richard Zera, MD, PhD | Hennepin Faculty Associates

### **COMMITTEE ON TRAUMA**

**John D. Cumming, MD** | Hennepin Faculty Associates

#### YOUNG FELLOW REPRESENTATIVE

**OPEN** 

#### **RESIDENT REPRESENTATIVE**

Cornelius Thiels, DO, MBA | Mayo Clinic



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### **CME Information**

### **CONFERENCE OBJECTIVES**

The scientific program of the Annual Meeting of the Minnesota Surgical Society will provide up-to-date information for community surgeons, academic surgeons and the surgeon in training. Topics will cover a broad range of surgical practice interests including updates and advances in trauma and acute care, surgical oncology, complex GI, education, vascular surgery, pediatric surgery and surgical endocrinology. The intent of the program is to improve the quality of patient care and improve patient safety.

### DISCLOSURE INFORMATION

In compliance with ACCME Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see pages 6-7 of this program for the complete disclosure list.

### CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

### Accreditation

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

### AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of 8.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the AMA PRA Category 1 Credits™ listed above, a maximum of 7 credits meet the requirements for Self-Assessment.



American College of Surgeons Inspiring Quality: Highest Standards, Better Outcomes

**100**+*years* 





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## Claiming Your Credits

### **ONE | CME EVALUATION**

- The CME Evaluation is available online.
- Visit the MSS web site www.mnsurgicalsociety.org
- Under Annual Meeting tab find the CME/Self-Assessment page.
- Complete the evaluation by Thursday,
   November 9, 2017 to receive your certificate.

### **STEP TWO | SELF-ASSESSMENT EXAMS**

(Optional)

- Each exam will be posted online.
- You may elect to take all, part or none of the self-assessment exam.
- A passing score of 75% or higher is required to receive self-assessment credit.
- You may take an exam an unlimited number of times.
- All Self-Assessment Exams must be completed within 10 days of the Annual Meeting.
- Complete by Tuesday, October 24, 2017 to receive Self-Assessment Credits.

### **STEP THREE | CME CERTIFICATE**

- Your CME Certificate will be emailed no later than Monday, November 13, 2017 once your attendance has been verified.
- Your certificate will be sent to the email you used to register for the Annual Conference.
- CME Certificates will not be available on site.



- Online CME tracking system
- Available 24/7
- Print duplicate CME certificates
- Transfer CME credits directly to ABS
- Exclusive to ACS Members
- My CME page can be accessed at <u>www.efacs.org</u>

Minnesota Chapter	<b>CME Credit</b>	Self-Assessment Credit
October 13-14, 2017		
Friday, October 13		
Surgical Potpourri I	0.75	0.75
GERD Surgery	0.5	0.5
ACS Update	0.5	0.25
Education Session	0.75	0.75
Mini-Talk Session I	0.5	0.5
Surgical Potpourri II	1.25	1.25
Daily Total	4.25	4
Saturday, October 14		
Mini-Talk Session II	0.75	0.75
Update on MOC for the ABS	0.5	0
Residents in Difficulty	0.5	0.5
Trauma Paper Competition	1.25	1.25
Development of a Multidisciplinary Cancer Treatment	0.5	0.5
Rural Surgery: A Perspective	0.5	0
, , , , , , , , , , , , , , , , , , ,		
Daily Total	4	3
•		
Activity Total	8.25	7

### STEP FOUR | MY CME

- Your CME and Self-Assessment Credits will be submitted to the American College of Surgeons.
- Check your MyCME page six weeks after the meeting.
- You can download and track your CME from your MyCME page.



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### Disclosure Information





AMERICAN COLLEGE OF SURGEONS DIVISION OF EDUCATION

### MSS Fall Conference • October 13-14, 2017

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Therefore, it is mandatory that both the program planning committee and speakers complete disclosure forms. Members of the program committee were required to disclose all financial relationships and speakers were required to disclose any financial relationship as it pertains to the content of the presentations. The ACCME defines a 'commercial interest' as "any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients". It does not consider providers of clinical service directly to patients to be commercial interests. The ACCME considers "relevant" financial relationships as financial transactions (in any amount) that may create a conflict of interest and occur within the 12 months preceding the time that the individual is being asked to assume a role controlling content of the educational activity.

The ACCME also requires that ACS manage any reported conflict and eliminate the potential for bias during the session. The planning committee members and speakers were contacted and the conflicts listed below have been managed to our satisfaction. However, if you perceive a bias during a session, please advise us of the circumstances on the session evaluation form.

Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not FDA approved or the off-label use of an approved device, product, or drug or unapproved usage.

The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure, and to allow the audience to form its own judgments regarding the presentation.

SPEAKERS / MODERATORS/ CHAIRS / DISCUSSANTS	NOTHING TO DISCLOSE	DISCLOSURE (As it pertains to the content of the presentation)
Anita Nguyen, MBBS	X	
Lucien Anwer, MD, UIC/MGH	X	
Salvatore Poddi, MD	X	
Victor Vakayil, MBBS	X	
Paul Severson, MD, FACS, FASMBS		Johnson & Johnson -Speaker and Preceptor Consultant Fees Mauna Kea Technologies - Technology development Consultant Fees
Hilary Sanfey, MB BCh, FACS	X	
Amro Abdelrahman, MBBS	X	
Francisco Cardenas, MD	X	
Yazan AlJamal, MBBS	X	



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## Disclosure Information

SPEAKERS / MODERATORS/ CHAIRS / DISCUSSANTS	NOTHING TO DISCLOSE	DISCLOSURE (As it pertains to the content of the presentation)
Jacob Billings, UREP	X	
EeeLN Buckamra, MD	X	
Rebecca Martin	X	
Jacob Billings, UREP	X	
llitch Diaz Gutierrez, MD	X	
Derek Lumbard, MD	X	
Scott Kizy, MD	X	
Matthew Hernandez, MD	X	
Mark Stice, BA	X	
Larry Deppe, MD, FACS	Х	
Zachary Miller, BS	X	
Kristie Holbrook, Pharm.D	Х	
Mohamed Baloul, MBBS	Х	
Nimesh Naik, MD	Х	
Kristen Cox	Х	
Nicholas Prabhaker, BA	Х	
Mark Allen, MD, FACS	Х	
Eric J. Finnesgard, BA	Х	
Steven Skube, MD	Х	
Molly Hubbard, MD	Х	
Vicente Perl, MD	Х	
Tara CK Krosch, MD	Х	
Dan Margo, MD	Х	
PLANNING COMMITTEE	NOTHING TO DISCLOSE	DISCLOSURE (All commercial relationships)
Keith Paley, MD, FACS	Х	
Eric Jensen, MD, FACS	Х	
Melissa Brunsvold, MD, FACS	Х	
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## Faculty Information



DANIEL J. MARGO, MD Itasca Surgical Clinic Grand Rapids, MN



TARA CK KROSCH, MD Mayo Clinic Health System Mankato, MN



MARK ALLEN, MD Mayo Clinic Rochester, MN



**PAUL SEVERSON, MD, FACS**Minnesota Reflux and Heartburn Center
Crosby, MN



**HILARY SANFEY, MB BCh FACS**SIU
Springfield, IL



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## Agenda

### FRIDAY, OCTOBER 13, 2017

12:00pm-6:00pm Registration

12:00pm-1:00pm

**Lunch & Meet Exhibitors** 

1:00pm-1:10pm **Welcome** 

1:10pm-1:50pm

**SURGICAL POTPOURRII** 

**Moderator: Keith Paley, MD, FACS** 

1:10pm-1:20pm

DOES SEPTAL THICKNESS INFLUENCE OUTCOME OF MYECTOMY FOR HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY?

Anita Nguyen, MBBS, Hartzell V. Schaff, MD, Rick A. Nishimura, MD, Joseph A. Dearani, MD, Jeffrey B. Geske, MD, Brian D. Lahr, MS, Steve R. Ommen, MD *Presenter: Anita Nguyen, MBBS* Mayo Clinic, Rochester, MN

1:20pm-1:30pm

PROPHYLACTIC TRICUSPID VALVE SURGERY SHOULD BE CONSIDERED FOR PATIENTS WITH ATRIAL FIBRILLATION UNDERGOING LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION?

Lucman A. Anwer, Salvatore Poddi, Vakhtang Tchantchaleishvili, Richard C. Daly, Lyle D. Joyce, Sudhir S. Kushwaha, Yan Topilsky, John M. Stulak and Simon Maltais

Presenter: Lucman Anwer, MD, UIC/MGH, Chicago, IL

1:30pm-1:40pm

TIME-RELATED RISK OF ADVERSE EVENTS DURING LONG-TERM SUPPORT WITH HEARTMATE II

Salvatore Poddi, MD, Lucman A. Anwer, MBBS, Vakhtang Tchantchaleishvili, MD, Lyle D. Joyce, MD, PhD, Richard C. Daly, MD, Shannon M. Dunlay, MD, Simon Maltais, MD, PhD, John M. Stulak, MD **Presenter: Salvatore Poddi, MD**Mayo Clinic, Rochester, MN

1:40pm-1:50pm

PERFORATED PEPTIC ULCER DISEASE -LAPAROSCOPIC VS. OPEN REPAIR: A RETROSPECTIVE PROPENSITY SCORE MATCHED COHORT STUDY

Victor Vakayil, MBBS; Brent Bauman, MD; Reema Mallick, MD; Malavika Chandrashekar, B.S.; Sayeed Ikramuddin,

MD, MHA; James V. Harmon Jr., MD, PhD, FACS

Presenter: Victor Vakayil, MBBS

University of Minneapolis, Minneapolis, MN

1:50pm-2:20pm INVITED SPEAKER

**Moderator: Keith Paley, MD, FACS** 

GERD SURGERY: IMPACT OF THE COMPREHENSIVE INTEGRATED CENTER

Paul Severson, MD, FACS, FASMBS

Minnesota Reflux and Heartburn Center, Crosby, MN

2:20pm-2:50pm INVITIED SPEAKER

**Moderator: Keith Paley, MD, FACS** 

AMERICAN COLLEGE OF SURGEONS: THE VALUE OF MEMBERSHIP

Hilary Sanfey, MB BCh FACS

SIU School of Medcicine, Springfield, IL

2:50pm-3:30pm

**EDUCATION SESSION** 

**Moderator: Mark Sawyer, MD, FACS** 

2:50pm-3:00pm

VALIDATION OF THE ADVANCED INVERTED PEG TRANSFER (IPT) TASK FOR SURGICAL SIMULATION-BASED ASSESSMENT

Abdelrahman, Amro, MBBS., Yu, Denny, PhD., Lowndes, Bethany PhD., Buckarma, EeeLN H., Gas, Becca L., Farley, David R., Bingener, Juliane, MD., Hallbeck, Susan, PhD.

Presenter: Amro Abdelrahman, MBBS

Mayo Clinic, Rochester, MN

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## Agenda

3:00pm-3:10pm

LAPAROSCOPIC PORT PLACEMENT CONCEPTS; IT'S ALL ABOUT THE FUNDAMENTALS

Nimesh D. Naik M.D., Eduardo F. Abbott M.D., Francisco J. Cardenas M.D., David R. Farley M.D., Travis J. McKenzie, M.D. *Presenter: Francisco Cardenas, MD* 

Mayo Clinic, Rochester, MN

3:10pm-3:20pm

SURGICAL INTERNS IN 2017: OBJECTIVE ASSESSMENT SUGGESTS THEY ARE BETTER BUT STILL DANGEROUS

Yazan AlJamal MBBS, Francisco Cardenas Lara MD,

David Farley MD

**Presenter: Yazan AlJamal, MBBS** Mayo Clinic, Rochester, MN

3:20pm-3:30pm

IN ORDER TO TEACH: DOES THE ORDER OF THE LEARNING CYCLE AFFECT TEACHING? A PILOT STUDY

Jacob Billings, Becca Gas, Yazan AlJamal MBBS, David

Farley MD

**Presenter: Jacob Billings, UREP**Mayo Clinic, Rochester, MN

3:30pm-4:00pm

Break with Exhibitors

4:00pm-4:30pm

**MINI-TALK SESSION I** 

Moderator: Jane Hui, MD MSc FRCSC

4:00pm-4:05pm

OUTCOMES AFTER THE IMPLEMENTATION OF PRACTICE MANAGEMENT GUIDELINES FOR THE TREATMENT OF CARDIOVASCULAR IMPLANTABLE DEVICE POCKET INFECTIONS (CIDPI)

Buckarma.E, Mohan.M, Baddour.L, Tan.E, Schiller.H, Loomis.E

**Presenter: EeeLN Buckamra, MD**Mayo Clinic, Rochester, MN

4:05pm-4:10pm

A BLENDED SIMULATION AND ONLINE-BASED SURGICAL EDUCATION CURRICULUM IMPROVES FIRST YEAR GENERAL SURGERY RESIDENTS' KNOWLEDGE

Nimesh D. Naik M.D.\*, Eduardo F. Abbott M.D., TK Pandian M.D., Becca L. Gas, Francisco J. Cardenas M.D., David R. Farley M.D.

**Presenter: Francisco Cardenas , MD**Mayo Clinic, Rochester, MN

4:10pm-4:15pm

SELF-EFFICACY IS KEY: THE ROLE OF MOTIVATION, PERCEIVED COMPETENCE, AND DELIBERATE PRACTICE DURING SURGICAL INTERN ASSESSMENT

Rebecca Martin, Jessica Pakonen, Becca Gas, Yazan

AlJamal, M.B.B.S., David Farley, M.D.

**Presenter: Rebecca Martin** St. Olaf College, Northfield, MN

4:15pm-4:20pm

**BLACK ESOPHAGUS: A CASE STUDY** 

Jacob Billings, Yazan AlJamal MBBS, Eric Dozois MD **Presenter: Jacob Billings, UREP**Mayo Clinic, Rochester, MN

4:20pm-4:25pm

LAPAROSCOPIC LIGATION OF CISTERNA CHYLI FOR REFRACTORY CHYLOTHORAX; A CASE SERIES AND REVIEW OF THE LITERATURE

Ilitch Diaz-Gutierrez, MD; Madhuri V. Rao, MD; Rafael S. Andrade, MD

**Presenter: Ilitch Diaz Gutierrez, MD**University of Minnesota, Minneapolis, MN

4:25pm-4:30pm

INTESTINAL MALROTATION ASSOCIATED WITH COLON CANCER IN A YOUNG ADULT: A CASE REPORT

Lumbard, Derek, MD, Nygaard, Rachel, PhD, Marek, Ashley, MD

Presenter: Derek Lumbard, MD

HCMC, Minneapolis, MN



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## Agenda

4:30pm-5:30pm

**SURGICAL POTPOURRI II** 

**Moderator: Mark Sawyer, MD, FACS** 

4:30pm-4:40pm

DIDACTIC VS VIDEO VS EXPERIMENTAL TEACHING: WHAT IS THE BEST WAY TO TEACH

**GENERAL SURGERY INTERNS? A PILOT STUDY** 

Yazan AlJamal MBBS, Becca Gas, David Farley MD

**Presenter: Yazan AlJamal, MBBS**Mayo Clinic, Rochester, MN

4:40pm-4:50pm

LEFT VENTRICULAR ASSIST DEVICES; HOW DO WE DEFINE SUCCESS?

Lucman A. Anwer, Salvatore Poddi, Vakhtang Tchantchaleishvili, Richard C Daly, Lyle D. Joyce, David L. Joyce, Shannon M. Dunlay, John M.

Stulak, Simon Maltais **Presenter: Lucman Anwer, MD** 

UIC/MGH, Chicago, IL

4:50pm-5:00pm

DISTRIBUTION OF 21-GENE RECURRENCE SCORES AMONGST BREAST CANCER HISTOLOGIC SUBTYPES

Scott Kizy MD, Ariella Altman MD, Jing Li Huang MD, Schelomo Marmor, PhD, MPH, Todd M. Tuttle, MD, MS, Jane Yuet Ching Hui, MD, MS

Presenter: Scott Kizy, MD

University of Minnesota, Minneapolis, MN

5:00pm-5:10pm

ADENOSQUAMOUS CARCINOMA OF THE PANCREAS:

A TRANSLATIONAL APPROACH

Matthew C. Hernandez MD, Jennifer L Leiting MD, Lin Yang PhD, Mark J Truty MD MS

Presenter: Matthew Hernandez, MD

Mayo Clinic, Rochester, MN

5:10pm-5:20pm

THE ROLE OF PREEMPTIVE VIDEOS ON OLYMPICS SCORES

Jacob Billings, Becca Gas, Yazan AlJamal MBBS, David Farley MD

**Presenter: Jacob Billings, UREP**Mayo Clinic, Rochester, MN

5:20pm-5:30pm

OMENTAL POUCH TECHNIQUE FOR COMBINED SITE AUTOLOGOUS ISLET TRANSPLANT FOLLOWING TOTAL PANCREATECTOMY

Mark Stice, BA; Ty Dunn, MD, MS; Melena Bellin, MD; Mariya Skube, MD; Gregory

Beilman, MD.

Presenter: Mark Stice, BA

University of Minnesota, Minneapolis, MN

5:30pm-5:40pm

SURGEON-ADMINISTERED TRANSVERUS
ABDOMINUS PLANE BLOCK WITH LIPOSOMAL
BUPIVICAINE DURING LAPAROSCOPIC ASSISTED
ENTERECTOMY AND COLECTOMY--RETROSPECTIVE
ANALYSIS OF A CASE SERIES IN A RURAL
COMMUNITY HOSPITAL

Deppe LM, Kasal CA, Hinman RP, Mathis KL, Larson DW **Presenter:** Larry Deppe, MD, FACS, Mayo Clinic Health System, Red Wing, MN

6:30pm-8:30pm MSS HAPPY HOUR



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**DAY TWO: SATURDAY, OCTOBER 14, 2017** 

7:30am-12:00pm Registration

7:30am-8:00am

Breakfast With Exhibitors

8:00am-8:05am Welcome

8:05am-8:45am

**MINI-TALK SESSION II** 

**Moderator: Brad Segura, MD** 

8:05am-8:10am

RESUSCITATIVE ENDOVASCULAR BALLOON
OCCLUSION OF THE AORTA (REBOA) CATHETER
FOR CONTROL OF MASSIVE GI HEMORRHAGE: A
PRE-CLINICAL ANATOMIC EVALUATION

Zachary D. Miller, Eliza R. Pelrine, Jillian V. Johnson, Peter Kernahan, Brent Bauman, Victor Vakayil, James V. Harmon

Presenter: Zachary Miller, BS

University of Minnesota Medical School, Minneapolis, MN

8:10am-8:15am

## ANTICOAGULATION COMPLIANCE IN THE ICU: AN OBSERVATIONAL ANALYSIS

Kristie Holbrook, Pharm.D., Chidera Esele Pharm.D., Ashley Niemczyk Pharm.D., Victor Vakayil M.B.B.S., James Harmon Jr., Ph.D.

**Presenter: Kristie Holbrook, Pharm.D.**Fairview Ridges Hospital, Burnsville, MN

8:15am-8:20am

# THE IMPACT OF INTRAOPERATIVE MICROBREAKS EXERCISES ON SURGICAL TRAINEES' FATIGUE AND WORKLOAD

Abdelrahman, Amro, M.B.B.S., Lowndes, Bethany, Ph.D., Bingener, Juliane, M.D., Hallbeck, Susan, Ph.D. *Presenter: Amro Abdelrahman, MBBS* 

Mayo Clinic, Rochester, MN

8:20am-8:25am

OPERATIVE GAMES: ARE THEY ACCEPTED AND USEFUL TO SURGICAL INTERNS?

Mohamed Baloul, MBBS; Miguel Gomez Ibarra, MD;

David Farley, MD

**Presenter: Mohamed Baloul, MBBS** 

Mayo Clinic, Rochester, MN

8:25am-8:30am

THE ACGME CASE LOG SYSTEM MAY NOT ACCURATELY REPRESENT OPERATIVE EXPERIENCE AMONG SURGICAL INTERNS

Nimesh D. Naik M.D., Eduardo F. Abbott M.D., Cornelius

A. Thiels D.O., Johnathon M. Aho

M.D., T.K. Pandian M.D., Stephanie F. Heller M.D., David

R. Farley M.D.

**Presenter: Nimesh Naik, MD**Mayo Clinic, Rochester, MN

8:30am-8:35am

LAPAROSCOPIC REPAIR OF PERFORATED PEPTIC ULCERS: A LOW-FIDELITY SIMULATOR AND TRAINING CURRICULUM FOR SURGICAL SKILL DEVELOPMENT

Kristen Cox; Marcos Molina, MD; Malavika Chandrashekar B.S., Jack Hedberg, Elizabeth Zudock, Victor Vakayil, MBBS, James Harmon Jr., MD, PhD

**Presenter: Kristen Cox** 

University of Minnesota, Bloomington, MN

8:35am-8:45am

ILEAL POUCH-ANAL ANASTOMOSIS AND ITS EFFECT ON REPRODUCTION, PREGNANCY, AND MODE OF DELIVERY

N Prabhakar, EJ Dozois, KL Mathis

**Presenter: Nicholas Prabhakar, BA, Research Assistant**Mayo Clinic, Rochester, MN

8:45am-9:15am

**INVITIED SPEAKER** 

**Moderator: Keith Paley, MD, FACS** 

**Update on MOC for the ABS** 

Mark Allen, MD, FACS

Mayo Clinic, Rochester, MN



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9:15am-9:45am

**INVITIED SPEAKER** 

**Moderator: Keith Paley, MD, FACS** 

Residents in Difficulty
Hilary Sanfey, MB BCh FACS
SIU School of Medcicine, Springfield, IL

9:45am-10:10am

**BREAK WITH EXHIBITORS** 

10:10am-11:20am

**MSS TRAUMA COMPETITION** 

**Moderator: John Cumming, MD, FACS** 

10:10am-10:20am

## INCREASING ANATOMIC INJURY IS ASSOCIATED WITH COST IN APPENDICITIS

Eric J. Finnesgard, Matthew C. Hernandez M.D., Johnathon M. Aho M.D., Martin D. Zielinski M.D. **Presenter: Eric Finnesgard, BA** Mayo Clinic, Rochester, MN

10:20am-10:30am

# COMPARISON OF PENETRATING COLON TRAUMA OUTCOMES BETWEEN AFRICAN AMERICAN AND CAUCASIAN MEN

Skube SJ, Lindgren B, Fan Y, Jarosek S, Melton GB, McGonigal MD, Kwaan MR **Presenter: Steven Skube, MD** 

University of Minnesota, Minneapolis, MN

10:30am-10:40am

### OUTCOMES 30 YEARS AFTER SEVERE TRAUMATIC BRAIN INJURY: UTILITY OF INITIAL OUTCOME SCORES FOR LONG TERM PREDICTION

Molly E. Hubbard, MD; Abdullah Bin Zahid, MD; Gabrielle Meyer, DO; Kathleen Vonderhaar, MD; David Balser, MD; David Darrow, MD; Anne Kleeberger, Drake Burri, Vikalpa Dammavalam,

Shivani Venkatesh, David Tupper, PhD; Sarah

Rockswold, MD; Thomas Bergman, MD Presenter: Molly Hubbard, MD

University of Minnesota, Minneapolis, MN

10:40am-10:50am

MASSIVE TRANSFUSION PROTOCOL IN NON-TRAUMA PATIENTS: THE EFFECT OF TRANSFUSION RATIOS ON MORTALITY.

Victor Vakayil MBBS, Malavika Chandrashekar BS, Amanda Lord BS, Julie Welbig, Nicole Dodge Zantek MD, PhD, James Harmon MD FACS, PhD.

Presenter: Victor Vakayil, MBBS

University Of Minneapolis, Minneapolis, MN

10:50am-11:00am

## HOSPITAL OR HOSPICE; WHERE DO ELDERLY PATIENTS DIE?

Kristin Colling, MD; Kaysie Banton, MD. *Presenter: Vicente Perl, MD* 

University of Minnesota, Minneapolis, MN

11:00am-11:10am

# USE OF FOUR -FACTOR PROTHROMBIN COMPLEX CONCENTRATE IN PATIENTS WITH LIVER DISEASE

Victor Vakayil MBBS, Jared Larson PharmD, Emily Coler PharmD, Malavika Chandrashekar BS, Amanda Lord BS, Nicole Dodge Zantek MD, PhD, James Harmon MD, PhD, FACS.

Presenter: Victor Vakayil, MBBS

University Of Minneapolis, Minneapolis, MN

11:10am-11:20am

### 30 YEAR OUTCOMES AFTER SEVERE TRAUMATIC BRAIN INJURY: ANALYSIS OF A PEDIATRIC POPULATION

Molly E. Hubbard, MD; Abdullah Bin Zahid, MD; Gabrielle Meyer, DO; Kathleen Vonderhaar, MD; David Balser, MD; David Darrow, MD; Anne Kleeberger, Drake Burri, Vikalpa Dammavalam, Shivani Venkatesh, David Tupper, PhD; Sarah Rockswold, MD; Thomas Bergman, MD

Presenter: Molly Hubbard, MD

University of Minnesota, Minneapolis, MN



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11:20am-11:50am

**INVITIED SPEAKER** 

**Moderator: Eric Jensen, MD, FACS** 

**Development of a Multidisciplinary Cancer Treatment** 

**Approach in a Community Practice** 

Tara CK Krosch, MD

Mayo Clinic, Rochester, MN

11:50am-12:20pm INVITIED SPEAKER

**Moderator: Eric Jensen, MD, FACS** 

**Rural Surgery: A Perspective** 

Dan Margo, MD

Itasca Surgical Clinic, Grand Rapids, MN

12:20pm-12:30pm

MSS BUSINESS MEETING & AWARDS



A Chapter of the American College of Surgeons

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