



MINNESOTA SURGICAL SOCIETY

A Chapter of the American College of Surgeons

2017 Fall Conference

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

Meeting Schedule

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 POTPOURRI I

Moderator:

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, Minnesota

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, Minnesota

1:50pm-2:20pm

INVITED SPEAKER

Moderator:

GERD SURGERY: IMPACT OF THE COMPREHENSIVE INTEGRATED CENTER

Paul Severson, MD, FACS, FASMBS

Minnesota Reflux and Heartburn Center, Crosby, MN

2:20pm-2:50pm

INVITED SPEAKER

Moderator:

AMERICAN COLLEGE OF SURGEONS: THE VALUE OF MEMBERSHIP

Hilary Sanfey, MB BCh FACS

SIU School of Medicine, Springfield, IL

2:50pm-3:30pm

EDUCATION SESSION

Moderator:

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, EeLN H., Gas, Becca L., Farley, David R., Bingener, Juliane, MD., Hallbeck, Susan, PhD.

Presenter: Amro Abdelrahman, MBBS

Mayo Clinic, Rochester, Minnesota



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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:

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: EeLN 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, Minnesota



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4:30pm-5:30pm

SURGICAL POTPOURRI II

Moderator:

Farley MD

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

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

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

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

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

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, Minnesota

6:30pm-8:30pm

MSS HAPPY HOUR

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



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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:

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, Minnesota

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, Minnesota

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, Minnesota

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

INVITED SPEAKER

Moderator:

ABS Update

Mark Allen, MD, FACS

Mayo Clinic, Rochester, MN



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9:15am-9:45am

INVITED SPEAKER

Moderator:

Residents in Difficulty

Hilary Sanfey, MB BCH FACS

SIU School of Medicine, 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 Balsler, 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, Minnesota

10:50am-11:00am

HOSPITAL OR HOSPICE; WHERE DO ELDERLY PATIENTS DIE?

Kristin Colling, MD; Kaysie Banton, MD.

Presenter: Kristin Colling, MD

University of Minnesota, Minneapolis, Minnesota

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, Minnesota

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 Balsler, 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

INVITED SPEAKER

Moderator:

Lessons Learned in Starting a Surgical Practice

Tara CK Krosch, MD

Mayo Clinic, Rochester, MN

11:50am-12:20pm

INVITED SPEAKER

Moderator:

Rural Surgery

Dan Margo, MD

Itasca Surgical Clinic, Grand Rapids, MN

12:20pm-12:30pm

MSS BUSINESS MEETING & AWARDS