

PREVIOUS RESEARCH DAY KEYNOTE SPEAKERS

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| 1992 Eugene M. Sigman, MD
Dean, University of Connecticut School of Medicine | 2003 Stephen E. Malawista, MD
Professor of Medicine
Yale University School of Medicine |
| 1993 Susan S. Addiss, MPH Murs
Commissioner, Connecticut Department of Health and Human Services | 2004 Ralph A. O'Connell
Provost and Dean of the School of Medicine
New York Medical College |
| 1994 Robert Levine, MD
Professor of Medicine
Chairman of the Research Ethics Committee
Yale University School of Medicine | 2005 Margretta R. Seashore, MD
Professor, Human Genetics and Pediatrics
Director, Biochemical Disease Detection Laboratory
Yale University School of Medicine |
| 1995 Howard M. Spiro, MD
Professor of Medicine
Director, Program for Humanities in Medicine
Yale University School of Medicine | 2006 Stephen Kesten, MD
Therapeutic Area Director, Respiratory Clinical & Scientific Affairs
Boehringer-Ingelheim Pharmaceuticals |
| 1996 Julianne Imperato-McGinley, MD
Professor of Medicine
Chief, Endocrinology Division
Director, Clinical Research Center
New York Hospital Cornell Medical Center | 2007 Martin Surks, MD
Professor of Medicine and Pathology Program
Director, Fellowship Program in Endocrinology and Metabolism
Albert Einstein College of Medicine |
| 1997 Vincent T. Devita, MD
Professor of Medicine, Epidemiology & Public Health
Director, Yale Cancer Center
Yale University School of Medicine | 2008 Carolyn Becker, MD
Associate Professor of Medicine
Master Clinician,
Harvard Medical School
Brigham and Women's Hospital |
| 1998 Helen L. Smits, MD, MACP
President and Medical Director
HealthRight, Inc. | 2009 Edward T. McDonough, MD*
Deputy Chief Medical Examiner, State of Connecticut |
| 1999 Lawrence Rausz, MD
Professor of Medicine
University of Connecticut School of Medicine | 2010 Marcelo Orías, MD*
Chief, Section of Nephrology
Sanatorio Allende
Córdoba, Argentina |
| 2000 Thomas P. Duffy, MD
Professor of Medicine
Director, Humanities in Medicine Program
Yale University School of Medicine | 2011 Carolyn M. Salafia, MD, MS*
Institute for Basic Research,
New York Dept of Health
New York Methodist Hospital |
| 2001 Gerard N. Burrow, MD
David Paige Smith Professor of Medicine
Professor of Obstetrics and Gynecology
Special Advisor to the President
Yale University School of Medicine | 2012 Alejandro Rabinstein, MD*
Professor of Neurology
Mayo Clinic |
| 2002 Frank Davidoff, MD, MACP
Editor Emeritus, <i>Annals of Internal Medicine</i>
Editor, <i>Quality and Safety in Health Care</i> | *Graduate of a Danbury Hospital teaching program |



**WESTERN CONNECTICUT
HEALTH NETWORK**

DANBURY HOSPITAL • NEW MILFORD HOSPITAL

28TH ANNUAL Joseph L. Belsky, MD
RESEARCH DAY



May 8, 2013

INTRODUCTION

The first Research Day was held in 1986 at Danbury Hospital. Nine years later, May 11th 1994, was officially designated Joseph L. Belsky, MD, Research Day in honor of Joseph L. Belsky, MD, the founder and inspiration for the event. Dr. Belsky has authored numerous publications and has been awarded many honors in his prestigious career including that of Master of the American College of Physicians. He continues to teach and share his enthusiasm and love of his work with patients, students, and colleagues.

The advances in research and medical education that have occurred at Western Connecticut Health Network are tremendous and are due to the commitment of Dr. Belsky, our President and Chief Executive Officer, Dr. John Murphy and the Medical Education and Research team led by Dr. Ramin Ahmadi. Over two decades later, the annual Joseph L. Belsky Research Day is an honored tradition and an important part of medical education and research at Western Connecticut Health Network. Many residents have given their first oral or poster presentation at Research Day, and both house staff and faculty have used this opportunity to share new findings uncovered through dedication to original research.

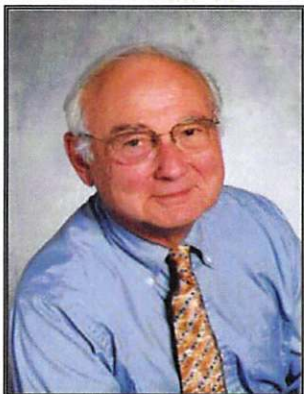
As we look to the future, we see continued growth and innovation in the identification of new therapies as well as improvements in the delivery of clinical care. The immense dedication of the medical students, residents, fellows and faculty at Western Connecticut Health Network will continue to inspire us to contribute, so that we may continue to deliver high quality care to the communities that we serve.

Research Day Committee

Joseph L. Belsky, MD	Lauren Dilello	Suzanne House, PhD
Susan Iovino, MSN	Gina Lacey, MA	Joann Petrini, PhD, MPH
	Amanda Pomeroy, MLS	

Thank you to our abstract reviewers and judges who donate their time to make Research Day a success, and to Amanda Wallace for her multimedia support and design skills.

A NOTE FROM DR. JOSEPH L. BELSKY



Welcome to the 28th Annual Research Day, a continuing marker of our commitment and resolve to medical education and investigation. For the fifth consecutive year, the keynote speaker will be a graduate of one of our accredited teaching programs.

We are another year closer to the completion of the new tower building and all of the exciting new changes that will bring, including new opportunities for research. As Western Connecticut Health Network continues to grow and change, so does Research Day.

The continued expansion of our residency programs and the research areas within our Biomedical Research Institute have brought us more abstract submissions than ever this year. We have some exciting new avenues with basic and translational science research, as well as clinical quality improvement research that impacts the care of our patients on a daily basis.

Joseph L. Belsky

POSTER EXHIBIT LISTING: CASE REPORT POSTER ABSTRACTS

Tubeovarian Abscess Mimicking Ovarian Cancer

Amanda L. Wilmot, DO, Robert Samuelson, MD, Erin Panarelli, MD, Bruce LaMonica, MD, Steve Sieber, MD, Shohreh Shahabi, MD

Lymphangioma Circumscriptum of the Vulva: A Case Report and Review of the Literature

Evgeniya Angelova, MD, PhD, Erleine Bautista, MD, Steven Sieber, MD

Renal Collision Tumor – Clear Cell Papillary Renal Cell Carcinoma and Angiomyolipoma

Saad Baqai, MD, Jeffrey Gorelick, MD, Hani El-Fanek, MD

Primary Squamous Cell Carcinoma of the Stomach: A Case Report and Review of the Literature

Jacqueline Pender, MD, Sheila Segura, MD, Jessica Dodge, MD, Steven L. Brandwein, MD, Hani El-Fanek, MD

Glomus Tumor of the Esophagus: A Case Report and Review of the Literature

Sheila Segura, MD, Sharmeen Mansoor, MD, Adam B. Gorelick, MD, Hani El-Fanek, MD

Squamous Cell Carcinoma Associated with Lichen Planus in the Lower Leg: A Case Report and Review of the Literature

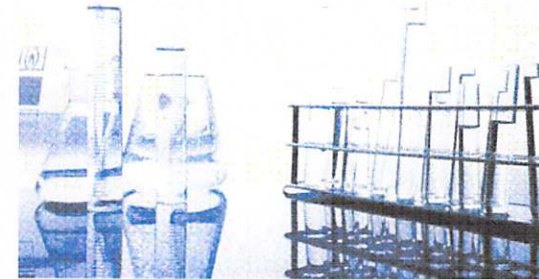
John R. Leopold, APRN, Prashant Soni, MD, David M. Charash, DO

Unusual Surgical Complication of Anorexia Nervosa

Vladimir Neychev, MD, PhD, John Borruso, MD

A Case of Idiopathic Granulomatous Mastitis – A Rare Entity with a Diagnostic Dilemma and Review of the Literature

Magdalena Plasilova, MD, PhD, Joseph Gordon, MD



POSTER EXHIBIT LISTING: CASE REPORT POSTER ABSTRACTS

Rich Man's Poison is Poor Man's Savior?

Tine Vindenes, MD, John Stratidis, MD

A Case of Gelatinous Marrow Transformation Precipitated by Paroxysmal Nocturnal Hemoglobinuria

Dmitry Yaranov, MD, Ana Cristina Mercedes, MD, Spyros Smith, MD, Jennifer Zikria, MD

Endometrial Adenocarcinoma Metastatic to the Vulva After a Robotic Assisted-Hysterectomy

Amer Abdullah, MD, Barinder Singh Hansra, BS, Erleine Bautista, MD, Robert Samuelson, MD, Shohreh Shahabi, MD

Using Wilm's Tumor 1 (WT1) to Distinguish a Metastatic Fallopian Tube Cancer Mimicking Cervical Serous Carcinoma

Melissa Dawson, DO, Robert Samuelson, MD, Mary Chacho, MD, Shohreh Shahabi, MD

Consolidation with Tamoxifen in a Case of Fallopian Tube Adenocarcinoma with Stable Pleural Metastasis

Barbara Drew, MD, Robert Samuelson, MD, Erin Panarelli, MD, Mary Chacho, MD, Robert Cooper, MD, Shohreh Shahabi, MD

Management of Cervical Cancer in the Setting of Early Pregnancy

Karissa Johnson, MD, Robert Samuelson, MD, Matthew Kim, MD, Mary Chacho, MD, Shohreh Shahabi, MD

Resection of Gigantic Pelvic Mass and Surgical Steps: Two Case Reports

Freshita Kakar, DO, Robert Samuelson, MD, Shohreh Shahabi, MD

Longterm Primary Chemotherapy in a Case of Uterine Carcinosarcoma with Pulmonary Metastasis

Robert S. Kelley, DO, MBA, Robert Samuelson, MD, Robert Cooper, MD, Steve Sieber, MD, Shohreh Shahabi, MD

Case Presentations Exploring the Role of PET/CT in Distinguishing and Illustrating Two Primary Cancers

Adrian Salinas, MD, Robert Samuelson, MD, Shohreh Shahabi, MD

Megacolon Caused By Severe Endometriosis

Ryan Summerall, MD, Robert Samuelson, MD, Stuart Bussell, MD, Shohreh Shahabi, MD

Isolated Peritoneal Cytology Positive at the Time of Prophylactic Surgery in a Patient with BRCA1 Mutation

Lorraine Toner, MD, Robert Samuelson, MD, Mary Chacho, MD, Shohreh Shahabi, MD

KEYNOTE SPEAKER 2013



Ramiro Garzon, MD

Ramiro Garzon is an Assistant Professor of Medicine in the Division of Hematology, Department of Internal Medicine and a member of the Molecular Biology and Cancer Genetics program at The Ohio State University Comprehensive Cancer Center, Columbus, Ohio, USA. He received his M.D. from the National University School of Medicine, Cordoba, Argentina. He trained in the internal medicine program at Danbury Hospital, Connecticut and subsequently completed a hematology and oncology fellowship at Thomas Jefferson University, Philadelphia, Pennsylvania and a leukemia fellowship at The Ohio State University. His research focuses on microRNA (miRNA) expression and function in normal hematopoiesis and leukemia. In particular, he is interested in dissecting the role of miRNAs in aberrant epigenetics and in developing novel miRNA-based therapies. He has made several original contributions in the field of miRNAs and leukemia, including the first evidence that miRNAs target the DNA methylation machinery. In 2008, he received the prestigious Kimmel Translational Award to help develop miRNA-based therapeutics to target aberrant epigenetics in acute myeloid leukemia (AML). He has published more than 60 peer-reviewed articles and is the principal investigator of several federal research grants.

You can learn more about Dr. Garzon's work from his bibliography which is available on the library webpage under Research Day 2013.

PROGRAM

7:30 – 8:00 Registration and Continental Breakfast
John C. Creasy Center for Health Education Auditorium

8:00 – 8:15 Welcome and Opening Remarks
Ramin Ahmadi, MD, MPH

Introduction of Guest Speaker
Vincent Rella, MD

8:15 – 9:15

MicroRNAs in Cancer: From the Bench to the Clinic

Ramiro Garzon, MD

Assistant Professor of Medicine
Division of Hematology, Department of Internal Medicine
Member of the Molecular Biology and Cancer Genetics program
The Ohio State University Comprehensive Cancer Center

Internal Medicine Resident,
Danbury Hospital, 2002

9:15 – 9:30 Coffee Break in the Auditorium Lobby
Review of Posters in the Robilotti Conference Center

Oral Presentations: Session One

Moderator

Oana Penciu, MD, Chief Resident, Internal Medicine 2013-2014

9:30 – 9:45 **The Use of Troponin I Testing in Patients Admitted to the Hospital for a Primary GI Diagnosis: A Quality of Care and Cost-effective Analysis**

Rajesh Tota-Maharaj, MBBS, Bhooshan Perera, MD, Jeffrey Murray, MS, Joann Petrini, PhD, MPH, Andrew M. Keller, MD

9:45 – 10:00 **Adherence to Standard of Care in the Diagnosis and Treatment of Suspected Bacterial Meningitis**

Youness Yavari, MD, David Chia, MD, Steven Aronin, MD, Evgeny Kirsanov, MD, Majid Sadigh, MD

10:00 – 10:15 **Parathyroid Surgery Can be Safely Performed in a Community Teaching Hospital**

Vladimir Neychev, MD, PhD, Stuart Blackwood, MD, Patricia Aragon Han, MD, Maher Ghanem, MD, Roghayeh Fazeli, MD, Dov Bloch, MD, Michael Bard, MD, Jay Klarsfeld, MD, Richard Lipton, MD, Martha A. Zeiger, MD

10:15 – 10:30 **Evaluation of Positivity Rate and False Positive Rate of Phencyclidine (PCP) in Urine Drug Screens Performed in the Danbury Hospital Emergency Room**

Lauren Lippincott, DO, Saad Baqai, MD, Salvador Sena, PhD

Oral Presentations: Session Two

Moderator

Robert S. Kelley, DO, MBA, Chief Resident, Ob/Gyn 2012-2013

POSTER EXHIBIT LISTING: CASE REPORT POSTER ABSTRACTS

Hypertrophic Cardiomyopathy: Unmasked by a Lobster

Sampada Acharya, MD, Claudia Ubinas, MD, Varinder Kumar, MD

Critical Hyperkalemia Associated With Routine Potassium Replacement: A Case Report and Review of Literature

Ridhi Bansal, MD, Raymond Raut, MD, Winston Shih, MD

Anterior Mediastinal Mass in a Young Man

Erin Culbert, DO, Lily Singhaviranon, MD

Unilateral Facial Nerve Palsy and Hearing Loss: A Rare Complication of Acute Otitis Externa in an Immunocompetent Adult

Bidur Dhakal, MD, Paul Nee, MD

Elevated INR in Acute Salicylate Toxicity: A Case Report and Review of the Literature

Jason Gajraj, MD, Jose Mendez, MD

Moxifloxacin-Induced Achilles Tendon Rupture: A Case Report

Dami Olowoyo, MD, Raymond Raut, MD, Winston Shih, MD

Myocardial Bridging: An Uncommon Cause of Chest Pain

Bhooshan Perera, MD, Andre Dias, MD, Emiliana Franco, MD, Teresa Daniele, MD

Acute Kidney Injury with Osmotic Nephrosis in the Setting of Dipeptidyl Peptidase-4 Inhibitors Use

Andrea Roche, MD, Badamkhand Baatarkhuu, MD, Raymond Raut, MD, Winston Shih, MD

A Case of Visual Anosognosia – Anton Babinski Syndrome

Birinder S. Singh, MD, Bidur Dhakal, MD, Robert Bonwetsch, MD

A Case of Visual Release Hallucinations: Charles Bonnet Syndrome

Birinder S. Singh, MD, Ridhi Bansal, MD, Mohamed Y. Ahmed, MD

Non-surgical Management of Spontaneous Splenic Rupture due to Babesia Microti Infection

Natalia Usatii, MD, Aelita Khachatryan, MD, John Stratidis, MD

Cryptococcal Pneumonia in Rheumatoid Arthritis Patient on Multiple Biologic Agents Including Rituximab

Natalia Usatii, MD, Sampada Acharya, MD, Alla Rudinskaya, MD, John Stratidis, MD

POSTER EXHIBIT LISTING: RESEARCH POSTER ABSTRACTS

Correlation of CD117 and CD34 expression with International Prognostic Scoring System (IPSS) Risk Scores in Bone Marrow Biopsies of Patients with Myelodysplastic Syndrome

Tsetan Dolkar, MD, Sharmeen Mansoor, MD, Masud Taeri, MSIV, Leonel Edwards, MD

Correlation of Variant MTHFR Polymorphism Analysis with Homocysteine Levels in Patients Evaluated for a Hypercoagulable State

Lauren Lippincott, DO, Stephen Majoros, MT(ASCP), Rina Siddiqui, MD, Leonel Edwards, MD

No Shot, No Dot: Mandatory Participation Policy Successfully Increases Healthcare Personnel Influenza Vaccination Rate

Sharmeen Mansoor, MD, Robin Ashley, PA, Laurie Brentlinger, MS, RN, Judy Pilch, RN, Jessica Dodge, MD

HGF – A New Potential Player in the Healing Process of Ulcerative Colitis

Brankica Paunovic, MD, Mark McHugh, Paul Fiedler, MD, Leonel Edwards, MD

Immunofluorescent Localization and Quantification of Predictive Biomarkers from Surgical Specimens of Ovarian Cancer, Colorectal Cancer and Inflammatory Bowel Disease in Tissue Microarrays (TMAs) using AUTomated QUantitative Analysis (AQUA®)

Mark McHugh, Marisa Mariani, PhD, Steven Sieber, MD, Mary Chacho, MD, Cristiano Ferlini, MD, PhD, Brankica Paunovic, MD, Denise McKibben, PhD, Shohreh Shahabi, MD, Paul Fiedler, MD

Aptamer-Mediated Identification of Circulating Tumor Cells in Blood by Density Gradient Centrifugation

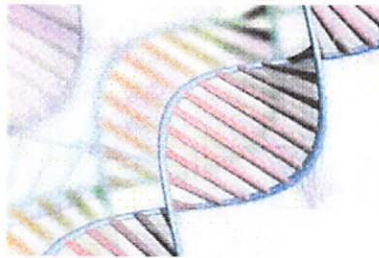
Ahmad Sharifabrizi, MD, Paul N. Fiedler, MD

A Model to Demonstrate that Endotension is a Nonvisualized Type 1 Endoleak

Stuart Blackwood, MD, Doran Mix, MSIV, Ankur Chandra, MD, Alan Dietzek, MD

Univariate Analysis of Co-Morbidities as Contributors of Acute Kidney Injury in Post-Operative Cardiac Surgery Patients

Amrita S. Pandit, MD, Eugene D. Fernandes, MD, Cary S. Passik, MD



10:30 – 10:45 **RareCyte®: A Novel Technology to Identify and Enumerate Cancer Cells, Fungi, Spirochetes and Other Rare Cells Directly in Whole Blood**

Donna Guralski, MS, Denise McKibben, PhD, Paul N. Fiedler, MD

10:45 – 11:00 **A Functional-Proteomics Approach Using Biotinylated Proteins to Develop Cancer Biomarkers**

Roshan Karki, PhD, Candice Martino, BS, Shohreh Shahabi, MD, Cristiano Ferlini, MD

12:00 – 1:00

Lunch and Awards Presentation

All investigators are invited to lunch in the Robilotti Conference Center.

Awards will be presented by:

John M. Murphy, MD

President & CEO, Western Connecticut Health Network

William Begg, MD

President, Danbury Hospital Medical Staff



CME Accreditation and Designation Statement

Western Connecticut Health Network is accredited by the Connecticut State Medical Society to sponsor continuing medical education for physicians. Western Connecticut Health Network designates this live activity for a maximum of 3 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

POSTER EXHIBIT LISTING: RESEARCH POSTER ABSTRACTS

Endothelial Function in Emergency Department Patients with Chest Pain: A Descriptive Snapshot

Jordan Blackwood, MD, Adarsh Bhardwaj, MBBS, Amber Butler, Jessika Lobraico, MS, Joann Petrini, PhD, MPH, Ramin Ahmadi, MD, MPH, Hal Wasserman, MD, Mark Warshofsky, MD

Incidence of Arrhythmias and Prognostic Significance of QT Prolongation in Patients with Stress Cardiomyopathy

Archana Rajdev, MD, Jacqueline Bradley, MD, Mark Warshofsky, MD

Insights from a Large Prospective Registry of Patients with Stress Cardiomyopathy

Jacqueline Bradley, MD, Archana Rajdev, MD, Amit Dande, MD, Mark Warshofsky, MD

Use of Co-Cultured Cells from the Same Disease-Relevant Vascular Bed

Richard D. Schneiderman, PhD, Kara L. Crowley, MS

Polyunsaturated Fatty Acids; Effects on Endothelial Function/Dysfunction

Richard D. Schneiderman, PhD, Trisha Dasgupta, PhD

Effects of Krill Oil on Endothelial Function in Patients with Type 2 Diabetes Mellitus

Jessika Lobraico, MS, Amber Butler, Trisha Dasgupta, PhD, Mahshid Mohammadi, MD, Ali Ershadi, MD, Richard Schneiderman, PhD, Joann Petrini, PhD, MPH, Ramin Ahmadi, MD, MPH

Population Trends in 25-Hydroxyvitamin D Blood Levels in the Danbury, CT Region (2009-2012)

Joseph L. Belsky, MD, Salvador F. Sena, PhD, Saad Baqai, MD, Joann Petrini, PhD, MPH

Utility of Thyroid Function Tests in Hospitalized Patients

Varinder Kumar, MD, Syed Madni, MD, Salvador Sena, PhD, Damanjeet Chaubey, MD

Acute Myeloid Leukemia in Adults: The Danbury Hospital Experience

Jose Ruades Ninfea, MD, Ana P. Bahia, Patrice Hough, MSN, Robert B. Cooper, MD

Diagnosis and Dynamic Monitoring of Obstructive Sleep Apnea in Patients with End-Stage Renal Disease Before and After Hemodialysis Using Peripheral Arterial Tonometry

Natalia Usatij, MD, Amber Butler, Raymond Raut, MD, Winston Shih, MD, Jose Mendez, MD

POSTER EXHIBIT LISTING: RESEARCH POSTER ABSTRACTS

The Impact of Nuclear Grade in Designing Adjuvant Treatment of Endometrial Endometrioid Adenocarcinoma

Erleine Bautista, MD, Robert Samuelson, MD, Tom Rutherford, MD, PhD, Shohreh Shahabi, MD

A Clinical Comparison of Endometrial Intraepithelial Carcinoma and Uterine Papillary Serous Carcinoma

Melissa Dawson, MD, June Y. Hou, MD, Laura L. Reimers, MD, Gary Goldberg, MD, Robert N. Samuelson, MD, Shohreh Shahabi, MD

Global Health Opportunities in United States Obstetrics and Gynecology Residency Programs

Karina Haber, MD, Shohreh Shahabi, MD, Robert Samuelson, MD, Erin Panarelli, MD, Amer Abdullah, MD, Majid Sadigh, MD

Development of Ovarian Carcinosarcoma Primary Cell Lines from Patients' Ascitic Fluid

Charis A. Venditti, MD, Robert Samuelson, MD, Shohreh Shahabi, MD

Development of an Aza-Podophillotoxin Derivative as GBP1-PIM1 Inhibitor in Ovarian Cancer

Mirko Andreoli, MS, Marisa Mariani, MS, Shohreh Shahabi, MD, Cristiano Ferlini, MD

A New Statistical Approach to Perform High Throughput Outcome Analysis in Ovarian Cancer

Shiquan He, MS, Marisa Mariani, PhD, Shohreh Shahabi, MD, Cristiano Ferlini, MD

MiR-200c and HuR in Ovarian Cancer

Marisa Mariani, PhD, Silvia Prislei, PhD, Enrica Martinelli, PhD, Giuseppina Raspeglio, PhD, Steven Sieber, MD, Gabriella Ferrandina, MD, Giovanni Scambia, MD, Cristiano Ferlini, MD, Shohreh Shahabi, MD

A New Bioinformatic Method to Direct Deep Sequencing Analysis of Ovarian Cancer Specimens

Deep Pandya, MS, Marisa Mariani, PhD, He Shiquan, MS, Shohreh Shahabi, MD, Cristiano Ferlini, MD

Detection of Helicobacter Pylori by Real Time PCR Assay and Identification of Clarithromycin Resistance Mutations from Gastric Biopsy Specimens

Saad Baqai, MD, Leonel Edwards, MD, Michael K. Schiffman, MD, Tricia Cavallaro, MT, Stephen Majoros, MT, Rina Siddiqui, MD