

Tenth Annual

SURGICAL RESEARCH FORUM

8:00 a.m. – 12:00 p.m.
Friday, June 22, 2007
The Heart Institute Auditorium
Providence Hospital
Southfield, MI

Surgical Education Committee:

Vijay Mittal, M.D., Committee Chair
Program Director, General Surgery

Laurence Cheung, M.D.
Chairman, Department of Surgery

Tamer Boules, M.D.	William Kestenberg, M.D.
Linda Dubay, M.D.	R. Kolachalam, M.D.
Lorenzo Ferguson, M.D.	Alasdair McKendrick, M.D.
Jeffrey C. Flynn, Ph.D.	Kevin Nolan, M.D.
Yousif Goriel, M.D.	William Oppat, M.D.
John Hramiec, M.D.	Ralph Pearlman, M.D.
Michael Jacobs, M.D.	Sumet Silapaswan, M.D.
Jean Jaffke, M.D.	

AGENDA

Breakfast 7:30 a.m.

Welcome, by Vijay Mittal, M.D. 8:00 a.m.

Guest Speakers:

Stephen ReMine, M.D. 8:05 a.m.

Director of Surgical Education and
Chief of Surgery
Carilion Health System

“Changing Pattern of Surgical Care Delivery”

Fahim Habib, M.D. 8:35 a.m.

Assistant Professor of Surgery
Division of Trauma and Surgical Critical Care
DeWitt Daughtry Family Department of Surgery
University of Miami Miller School of Medicine
“Advanced Trauma Operative Management”

Ourania Preventza, M.D. 9:05 a.m.

Cardiac and Endovascular Surgeon
Bayhealth Medical Center, Univ. of Pennsylvania
“Endovascular Management of Aortic Aneurysm”

Noreen Durrani, M.D. 9:35 a.m.

Acute Care Surgical Fellow
Henry Ford Hospital
“Acute Care Surgery as a Career - Is it for You?”

Break 10:05 – 10:15 a.m.

Resident Presentations:

Hanadi Bu-Ali, M.D. 10:15 a.m.

“Oncotype Dx and Breast Cancer” and “Myths and Facts
about Risks of Breast Cancer”

Kongkrit Chaiyasate, M.D. 10:30 a.m.

“Comparing FK-506 with Basic Fibroblast Growth Factor
(b-FGF) for the Repair of a Peripheral Nerve Defect using
an Autogenous Vein Bridge Model”

Yeon-Jeen Chang, M.D. 10:45 a.m.

“Use of Buccal Myomucosal Flap in Secondary Cleft
Palate Repair”

Hector Marciano, M.D. 11:00 a.m.

“Unusual Cause of Bleeding after a Tracheostomy
Creation: A Lethal Complication”

Stephen Yoo, M.D. 11:15 a.m.

“Bassini, McVay, Lichtenstein...Sumet: The Rolled
Polypropylene Hernia Repair”

Elizabeth Kim, M.D. 11:30 a.m.

“A Specific VEGF-R Tyrosine Kinase Inhibitor Enhances
the Antiproliferative Effect of Trastuzumab in ErbB-2
Overexpressing Breast Cancer Cells”

David Machado, M.D. 11:45 a.m.

“Incidence of Gastrointestinal Stromal Tumors in a
Community-based Hospital”

Publications (2006-2007)

- Bu-Ali, H., J. Fath, and M. Jacobs. An easy, inexpensive way to drain the abdomen. *Contemporary Surgery*, 62:36, 2006.
- Chaiyasate, K., R. Yavuzer, and V. Mittal. Giant sigmoid diverticulum. *Surgery*, 139:276-277, 2006.
- Chaiyasate, K., M. Solh, S. Silapaswan, and V. Mittal. Intussusception after Roux-en-Y gastrojejunostomy: sequela of the Roux stasis syndrome? *Surgical Rounds*, June:2006.
- Chang, Y. J., V. Mittal, S. ReMine, H. Manyam, M. Sabir, T. Richardson, and S. Young. Correlation between clinical and histological findings in parathyroid tumors suspicious for carcinoma. *American Surgeon*, 72:419-426, 2006.
- Durrani, N. K., R. Yavuzer, V. Mittal, M. M. Bradford, C. Loboeki, and B. Silberberg. The effect of gradually increased blood flow on ischemia-reperfusion injury in rat kidney. *American Journal of Surgery*, 191:334-337, 2006.
- Hofeling, A. D., G. Bello, I. Jackson, A. H. Jackson, and E. Kim. Hemoglobin-based oxygen carrier does not improve survival of ischemic rat island groin flaps. *Journal of Investigative Surgery*, 19:299-305, 2006.
- John, T., D. Portenier, B. Auster, D. Mehregan, A. Drelichman, and A. Telmos. Leiomyosarcoma of scrotum--case report and review of literature. *Urology*, 67:424, 2006.
- Mittal, V. K. and D. Portenier. Continuity of care in the 80-hour workweek era? *Current Surgery*, 63:31-34, 2006.
- Saidi, R. F., F. Williams, B. Silberberg, V. K. Mittal, S. G. ReMine, and M. J. Jacobs. Expression of interferon receptors in pancreatic cancer: identification of a novel prognostic factor. *Surgery*, 139:743-748, 2006.
- Saidi, R. F., F. Williams, J. Ng, G. Danquah, V. K. Mittal, S. G. ReMine, and M. J. Jacobs. Interferon receptors and the caspase cascade regulate the antitumor effects of interferons on human pancreatic cancer cell lines. *American Journal of Surgery*, 191:358-363, 2006.
- Saidi, R. F., S. G. ReMine, P. S. Dudrick, and N. N. Hanna. Is there a role for palliative gastrectomy in patients with stage IV gastric cancer? *World Journal of Surgery*, 30:21-27, 2006.
- Bello, G., I. T. Jackson, M. Keskin, C. Kelly, K. Dajani, R. Studinger, E. M. H. Kim, D. Lincoln, B. Silberberg, and A. Lee. The use of polyacrylamide gel in soft-tissue augmentation: an experimental assessment. *Plastic and Reconstructive Surgery*, 119:1326-1336, 2007.
- Chaiyasate, K., S. Brooks, G. Del Rosario, L. Andrus, W. Kestenberg, M. Jacobs, and V. Mittal. The uncut Roux-en-Y with jejunal pouch: a new

reconstruction technique for total gastrectomy. *Surgery*, 2007 (Accepted for publication).

- Chaiyasate, K. and S. Bruch. Colonic duplication associated with anterior spinal bar and left-sided inferior vena cava. *Surgery*, 141:823-825, 2007.
- Chaiyasate, K., S. Young, M. J. Jacobs, and S. Silapaswan. Bouveret's syndrome: a rare complication of gallstones. *Surgical Rounds*, January:29-31, 2007
- Danquah, G., V. Mittal, M. Solh, and R. B. Kolachalam. Effect of Internet use on patient's surgical outcomes. *International Surgery*, 2007 (In press).
- Gupta, R., E. Elakkary, M. Sadek, and Y. Lakra. Masters Allen syndrome: a review. *Digestive Diseases and Sciences*, 2007 (In press).
- Jain, A. K., M. Jacobs, R. B. Kolachalam, J. Chang, K. Chaiyasate, and V. Mittal. Chronic intra-abdominal hematoma mimicking neoplasm: a diagnostic challenge. *Contemporary Surgery* (Accepted for publication).

Presentations (2006-2007)

American College of Surgeons Spring Meeting (Dallas, TX; April 23-26, 2006)
Surgical Jeopardy (Rajesh Kuruba and Kongkrit Chaiyasate)

American College of Surgeons Clinical Congress (Chicago, IL; October 8-12, 2006)

Surgical Forum:

- Saidi, R. F., J. Chang, S. Verb, S. Brooks, V. Mittal, and M. J. Jacobs. Effect of methylprednisolone on liver warm ischemia-reperfusion injury.
- Saidi, R. F., G. Del Rosario, V. K. Mittal, S. G. ReMine, and M. J. Jacobs. The impact of surgical complications on survival of patients with HPB malignancies.

Poster presentations:

- Bu-Ali, H. and V. Mittal. Synchronous versus metachronous breast cancer: characteristics of the second tumor.
- Chang, Y.-J., R. Gidwani, M. Laxpati, S. Brooks, F. Williams, R. Saidi, and B. Silberberg. The significance of interferon receptor expression in colorectal metastases to the liver.
- Chang, Y.-J., V. Mittal, S. ReMine, T. Mervak, H. Manyam, and S. P. Verb. Criteria for malignancies in parathyroid masses.

Saidi, R. F., G. Del Rosario, V. K. Mittal, S. G. ReMine, and M. J. Jacobs. The impact of surgical complications on survival of patients with HPB malignancies.

Studinger, R., J. Goliath, R. Saikali, S. Silapaswan, W. Kestenberg, V. Mittal, L. Dubay, and D. G. Penney. Solitary pancreatic metastasis from renal cell carcinoma.

American Society of Transplant Surgeon's 6th Annual State of the Art Winter Symposium (Scottsdale, AZ; January 20-22, 2006)

Saidi, R. F., J. Chang, S. Verb, S. Brooks, I. Nalbantoglu, V. Adsay, and M. J. Jacobs. The effect of methylprednisolone on warm ischemia-reperfusion injury in the liver.

International College of Surgeons – United States section (Nashville, TN; June 21-24, 2006)

Bu-Ali, H., M. Solh, A. Kapur, and V. Mittal. Synchronous versus metachronous breast cancer: characteristics of the second tumor. (*Award: research scholarship-honors*)

Chaiyasate, K., S. E. Brooks, G. Del Rosario, L. Andrus, W. Kestenberg, M. Jacobs, and V. Mittal. The uncut Roux-en-Y with jejunal pouch: a new reconstruction technique for total gastrectomy. (*Award: research scholarship-first prize*)

Chang, Y.-J., R. Gidwani, M. Laxpati, S. Brooks, F. Williams, R. Saidi, and B. Silberberg. The significance of interferon receptor expression in colorectal metastases to the liver.

Machado-Aranda, D. A., G. M. Mutlu, D. A. Dean, and V. Mittal. Electroporation-mediated gene transfer in lipopolysaccharide (LPS) injured murine lungs. (*Award: research scholarship-honors*)

Saidi, R. F., J. Chang, S. Verb, S. Brooks, V. Mittal, and M. J. Jacobs. Effect of methylprednisolone on liver warm ischemia-reperfusion injury. (*Award: research scholarship-honors*)

Yoo, S., M. J. Jacobs, and S. Silapaswan. A novel and inexpensive technique for inguinal hernia repair.

Midwest Surgical Association (Mackinac Island, MI; August 6-9, 2006)

Bu-Ali, H., M. Solh, A. Kapur and V. Mittal. Synchronous versus metachronous breast cancer: characteristics of the second tumor.

Saidi, R. F., Y.-J. Chang, S. Verb, S. Brooks, and V. Mittal. Effect of methylprednisolone on liver warm ischemia-reperfusion injury.

Southeastern Surgical Congress (New Orleans, LA; February 13-15, 2006)

Yavuzer, R., V. K. Mittal, M. M. Bradford, B. Silberberg, and C. Loboeki. The effect of gradually increased blood flow on ischemia-reperfusion injury in rat kidney.

World Congress of the International College of Surgeons (Pattaya, Thailand; October 25-29, 2006)

Chaiyasate, K., S. E. Brooks, G. Del Rosario, W. Kestenberg, M. Jacobs, and V. Mittal. The uncut Roux-en-Y with jejunal pouch: a new reconstruction technique for total gastrectomy.

Chaiyasate, K., G. Del Rosario, S. ReMine, and V. Mittal. Prognostic factors in primary adenocarcinomas of the small intestine.

Chang, Y. J., V. Mittal, S. ReMine, H. Manyam, M. Sabir, T. Richardson, and S. Young. Correlations between clinical and histological findings in parathyroid tumors suspicious for carcinoma.

Mittel, V. K. Damage control in trauma (Symposium).

Mittal, V. K. Cardiovascular injuries (Plenary lecture).

Mittal, V. K. New challenges in pancreas and islet cells transplantation. (Guest lecture)

World Congress of the International Hepato-Pancreato-Biliary Association (Edinburgh, Scotland; September 3-7, 2006)

Video presentations:

Jacobs, M. and R. Kuruba. Three port technique for laparoscopic distal pancreatectomy and splenectomy.

Jacobs, M. J. Laparoscopic liver resection using the Ligasure device.

Poster presentations:

Jacobs, M. J., R. Kuruba, R. F. Saidi, and L. Stawick. Delayed presentation of pancreatic infected necrosis following gallstone pancreatitis.

Saidi, R. F., J. Chang, S. Verb, S. Brooks, I. Nalbantoglu, V. Adsay, and M. J. Jacobs. The effect of methylprednisolone on warm ischemia-reperfusion injury in the liver.

World Transplant Congress (Boston, MA; July 22-27, 2006)

Saidi, R. F., J. Chang, S. Verb, S. Brooks, I. Nalbantoglu, V. Adsay, and M. J. Jacobs. The effect of methylprednisolone on warm ischemia-reperfusion injury in the liver.

MI Chapter of American College of Surgeons (Coller Day; Traverse City, MI; May 18-19, 2006)

Bu-Ali, H. and V. Mittal. Synchronous versus metachronous breast cancer: characteristics of the second tumor.

Chaiyasate, K. and V. Mittal. Prognostic factors in primary adenocarcinomas of the small intestine.
Chang, Y.-J. and M. J. Jacobs. The significance of interferon receptor expression in colorectal metastases to the liver.
Saidi, R. F. and M. J. Jacobs. Effect of methylprednisolone on liver warm ischemia-reperfusion injury.

Detroit Surgical Association Meetings (Detroit, MI)

Bu-Ali, H. and V. Mittal. Synchronous versus metachronous breast cancer: characteristics of the second tumor (November 27, 2006).
Chaiyasate, K. Prognostic factors in primary adenocarcinomas of the small intestine (March 27, 2006).

Providence Hospital Research Day (Southfield, MI; April 26, 2006)

Oral presentations:

Bu-Ali, H., M. Solh, and V. Mittal. Synchronous versus metachronous breast cancer: characteristics of the second tumor.
Saidi, R. F., J. Chang, S. Verb, R. Gidwani, L. Andrus, M. Kezeli, and M. J. Jacobs. Effect of methylprednisolone on liver warm ischemia-reperfusion injury.
Machado-Aranda, D. A., G. M. Mutlu, D. A. Dean, and V. Mittal. Electroporation-mediated gene transfer in lipopolysaccharide (LPS) injured murine lungs.

Poster presentations:

Brooks, S. E., R. Saidi, and M. J. Jacobs. Pancreatic rest presented as a submucosal duodenal lesion.
Gupta, R., K. Ching, E. Elakkary, and M. J. Jacobs. Spiral cystic duct: beware!
Saidi, R. F., S. E. Brooks, and M. J. Jacobs. Sclerosing cholangitis secondary to hepatic arterial infusion chemotherapy (HAIP).

American College of Surgeons Spring Meeting (Las Vegas, NV; April 22-25, 2007)

Surgical Jeopardy (Kongkrit Chaiyasate and Richard Englehardt)

American College of Surgeons Clinical Congress (New Orleans, LA; October 7-11, 2007)

Surgical Forum:

Chaiyasate, K., I. Jackson, and V. Mittal. Comparing FK-506 with basic fibroblast growth factor (b-FGF) on the repair of a peripheral nerve defect using an autogenous vein bridge model.

Kim, E., C. Loboeki, L. Dubay, and V. Mittal. A specific VEGF-R tyrosine kinase inhibitor enhances the antiproliferative effect of Trastuzumab in ErbB-2 overexpressing breast cancer cells.

Video Presentations:

Saidi, R. F., J. O'Conner, M. Lee, V. Mittal, and M. J. Jacobs. Adrenocortical carcinoma with inferior vena cava involvement.

Poster Presentations:

Machado, D., M. Malamet, G. Danquah-Ayensu, K. Chaiyasate, L. Ferguson, S. Silapaswan, and V. Mittal. Incidence of Gastrointestinal Stromal Tumors in a community-based hospital.
Malladi, S.V., K. Chaiyasate, H. Bu-Ali, and A. McKendrick. Rectal metastases from ductal carcinoma of the breast.
Rao, C. N., G. Danquah, R. F. Saidi, C. N. Tchanque, and M. J. Jacobs. Treatment of a retroperitoneal cystic lymphangioma in a young adult.
Tchanque, C., H. Bu-Ali, and V. Mittal. Acute diverticulitis of the appendix.

Society of Surgical Oncology (Washington, D.C.; March 15-18, 2007)

Kim, E., C. Loboeki, L. Dubay, and V. Mittal. A specific VEGF-R tyrosine kinase inhibitor enhances the antiproliferative effect of Trastuzumab in ErbB-2 overexpressing breast cancer cells.

MI Chapter of American College of Surgeons (Coller Day; Traverse City, MI; May 16-18, 2007)

Bello-Rojas, G., J. Hess, D. Lincoln, I. T. Jackson, and V. Mittal. Bone regrowth using a pluripotent stem cell line derived from peripheral adipose tissue.
Chaiyasate, K. and V. Mittal. Comparing FK-506 with basic fibroblast growth factor (b-FGF) on the repair of a peripheral nerve defect using an autogenous vein bridge model. (*Award: Winner, Gift of Life*)
Chang, Y.-J., G. Bello, I. Jackson, and V. Mittal. Use of buccal myomucosal flap in secondary cleft palate repair.
Kim, E., C. Loboeki, L. Dubay, and V. Mittal. A specific VEGF-R tyrosine kinase inhibitor enhances the antiproliferative effect of Trastuzumab in ErbB-2 overexpressing breast cancer cells.
Machado-Aranda, D., M. Malamet, K. Chaiyasate, L. Ferguson, S. Silapaswan, and V. Mittal. Growing incidence of Gastrointestinal Stromal Tumors in a community based hospital.

Saidi, R. F., A. Ahad, R. Escobar, I. Nalbantoglu, J. Tilak, M. A. Kezeli, L. Andrus, and M. J. Jacobs. Comparison between Ligasure and staple devices in laparoscopic liver resection.

SEMCME 29th Annual Research Forum (Rochester, MI; May 23, 2007)

Kim, E., C. Loboeki, L. Dubay, and V. Mittal. A specific VEGF-R tyrosine kinase inhibitor enhances the antiproliferative effect of Trastuzumab in ErbB-2 overexpressing breast cancer cells.

Providence Hospital Research Day (Southfield, MI; April 25, 2007)

Oral presentations:

Chang, Y.-J., R. Gidwani, M. Laxpati, S. Brooks, F. Williams, R. Saidi, B. Silberberg, and M. J. Jacobs. Significance of interferon receptor expression in colorectal metastases to the liver.

Kim, E., C. Loboeki, L. Dubay, and V. Mittal. A specific VEGF-R tyrosine kinase inhibitor enhances the antiproliferative effect of Trastuzumab in ErbB-2 overexpressing breast cancer cells (*Award: Third place - Resident oral presentation*).

Saidi, R. F., A. Ahad, R. Escobar, I. Nalbantoglu, and M. J. Jacobs. Comparison between Ligasure and staple devices in laparoscopic liver resection.

Poster presentations:

Machado, D., M. Malamet, K. Chaiyasate, L. Ferguson, S. Silapaswan, and V. Mittal. Incidence of Gastrointestinal Stromal Tumors in a community based hospital.

Malladi, S. V., H. Bu-Ali, K. Chaiyasate, and A. McKendrick. Rectal metastases from ductal carcinoma of the breast.

Tchanque, C., H. Bu-Ali, G. Yousif, and V. Mittal. Acute diverticulitis of the appendix.