

Curriculum Vitae

Broc Lane Pratt, M.D.

Education: M.D., University of Florida College of Medicine
Gainesville, Florida

B.S. Biology, University of South Florida
Tampa, Florida

Postgraduate Training: Fellowship, Plastic & Reconstructive Surgery
Division of Plastic & Reconstructive Surgery
Department of Surgery
University of North Carolina at Chapel Hill
C. Scott Hultman, M.D., Chief

Residency, General Surgery
Department of General Surgery
Carolinas Medical Center
Charlotte, North Carolina
Frederick L. Greene, M.D., Chairman

Surgical Research Fellow
Department of General Surgery
Carolinas Laparoscopic and Advanced Surgery Program
Carolinas Medical Center
B. Todd Heniford, M.D., Chief of Minimal Access Surgery

Academic Appointments: Clinical Instructor – Plastic Surgery July 2007 – April 2008
University of North Carolina at Chapel Hill

Community Service: Habitat for Humanity

Licensure: North Carolina Medical License
Certificate No. 2005-01398

Honors and Awards:

American Hernia Society Surgical research Award: 2001
Optimal Teaching Environment for Laparoscopic Ventral Hernia Repair

Society of American Gastrointestinal Endoscopic Surgeons (SAGES) 2001
Endoscopic / Laparoscopic Research Award:
Evaluation of Adhesion formation to e-PTFEMesh, Polypropylene Mesh, and Sepramesh
Utilizing Micro-laparoscopy in a New Zealand White Rabbit Model

Southern Medical Association Surgical Research Award: 2000
Laparoscopic Splenectomy for Malignant Hematologic Disease

National Medical Association Clinical Research Award: 2000

A Comparative Analysis of the Effectiveness of the Ultrasonic Shearing Device, The LigaSure Vessel Sealer and Surgical Clip Application in Biliary Surgery - Second Place, Resident Competition

<u>National Medical Association - Poster Award Winner:</u> A Comparative Analysis of the Effectiveness of the Ultrasonic Shearing Device, The LigaSure Vessel Sealer and Surgical Clip Application in Biliary Surgery	2000
<u>North Carolina Chapter of the American College of Surgeons Clinical Research Award:</u> Laparoscopic Resection of Gastric Stromal Tumors – First Place, Resident Competition	2000
<u>Carolinas Laparoscopic and Advanced Surgery Program Award:</u> Outstanding Contributions to Laparoscopic and Minimally Invasive Surgical Research	2000
<u>Society of American Gastrointestinal Endoscopic Surgeons (SAGES)- Poster of Distinction:</u> Criteria for Adding a Hand-Assisted Device in Laparoscopic Splenectomy for Splenomegaly	2000
<u>Florida Chapter of The American College of Surgeons: Ambrose Pare Award</u> Outstanding Medical Student in Surgery	1997

Publications and Presentations:

Book Chapters

Heniford, B.T., Pratt, B.L. Laparoscopic adrenalectomy for metastatic cancer. In: Greene, F.L. and Heniford, B.T., eds. *Minimally Invasive Cancer Management*. New York: Springer, 2001; 319-331.

Manuscripts

1. Pratt, B.L., Greene, F.L. Role of laparoscopy in the staging of malignant disease. *Surg Clin North Amer* 80: 1111-1126. 2000.
2. Answini, G.A., Pratt, B.L., Greene, F.L. Strategies for laparoscopic diagnosis of malignancy. *Sem Lap Surg* 7: 68-77, 2000.
3. Matthews, B.D., Backus, C.L., Pratt, B.L., Mostafa, G., Lentzner, A., Lipford, E.H., Kercher, K.W., Sing, R.F., Heniford, B.T. Effectiveness of the ultrasonic coagulating shears, the ligasure vessel sealer And surgical clip application in biliary surgery: a comparative study. *Am Surg* 67(9):901-906, 2001.
4. Heniford, B.T., Pratt, B.L., et al. Lentigo Maligna Melanoma, <http://www.emedicine.com>. 2000.
5. Heniford, B.T., Matthews, B.D., Backus, C.L., Pratt, B.L., Sing, R.F. Initial results with an electro-thermal bipolar vessel sealer. *Surgical Endoscopy*. 15(8): 799-801, 2001
6. Mostafa, G., Pratt B.L., Matthews, B.D., Sing, R.F., Heniford, B.T. The economic benefit of practice guidelines for stress ulcer prophylaxis. *American Surgeon* 68(2):146-50, 2002.
7. Matthews, B.D., Walsh, R.M., Kercher, K.W., Sing, R.F., Pratt, B.L., Answini, G.A., Heniford B.T. Laparoscopic vs. open resection of gastric stromal tumors. *Surgical Endoscopy*. 16(5):803-7, 2002
8. Goldstein, S.L., Harold, K.L., Lentzner, A., Matthews, B.D., Kercher, K.W., Sing, R.F., Pratt, B.L., Lipford, E.H., Heniford, B.T. Comparison of thermal spread after ureteral ligation with the Laparo-Sonic ultrasonic shears and the Ligasure system. *Journal of Laparoendoscopic & Advanced Surgical*

Techniques – Part A. 12(1): 61-3, 2002.

9. Matthews, B.D., Pratt, B.L., Pollinger, H.S., Backus, C.L., Kercher, K.W., Sing, R.F., Heniford, B.T., Assessment of adhesion formation to intra-abdominal polypropylene mesh and polytetrafluoroethylene Mesh. *Journal of Surgical Research*. 114(2):126-32, 2003.

10. Harold, K.L., Matthews, B.D., Backus, C.L., Pratt, B.L., Heniford, B.T. Prospective randomized evaluation of surgical resident proficiency with laparoscopic suturing after course instruction. *Surgical Endoscopy*. 16(12):1729-31, 2002.

11. Matthews, B.D., Pratt, B.L., Backus, C.L., Kercher, K.W., Heniford, B.T. Comparison of adhesion formation to intra-abdominal mesh after laparoscopic adhesiolysis in the New Zealand White rabbit. *American Surgeon*. 68(11): 936-40, 2002.

12. Hultman, C.S., Pratt, B.L. et al. Multidisciplinary approach to abdominal wall reconstruction after decompressive laparotomy for abdominal compartment syndrome. *Annals of Plastic Surgery*. 54(3):269-75, 2005.

13. Novitsky, Y.W., Porter, J.R., Rucho, Z.C., Getz, S.B., Pratt, B.L., Kercher, K.W., Heniford, B.T., Open Preperitoneal Retrofascial Mesh Repair for Multiply Recurrent Ventral Incisional Hernias. *Journal American College of Surgeons*. 203(3):283-9, 2006.

Invited Scientific Presentations

1. Matthews, B.D., Backus, C.L., Pratt, B.L., Kercher, K.W., Sing, R.F., Heniford, B.T. Assessment of adhesion formation to intra-abdominal polypropylene and polytetrafluoroethylene mesh. *Surgical Forum*. American College of Surgeons. New Orleans, LA, October 7-12, 2001.

2. Heniford, B.T., Matthews B.D., Pratt, B.L., Answini, G.A., Goldstein, S.L., Kercher, K.W., Walsh R.M. Laparoscopic versus open resection of gastric stromal tumors. *Society of American Gastrointestinal Endoscopic Surgeons*. St. Louis, MO, April 18-21, 2001.

3. Pratt, B.L., Heniford, B.T., Matthews, B.D., Sing, R.F. A cost effective analysis of stress ulcer prophylaxis in the intensive care unit. *Southeastern Surgical Congress*, New Orleans, LA, February 4-6, 2001.

4. Pratt, B.L., Backus, C.L., Matthews, B.D., Lipford, E., Sing R.F., Heniford, B.T. Effectiveness of the ultrasonic coagulating shears, the LigaSure vessel sealer, and surgical clip application in biliary surgery: a comparison study. *Southeastern Surgical Congress*, New Orleans, LA, February 4-6, 2001.

5. Matthews, B.D., Sing R.F., Pratt, B.L., Backus, C.L., Hoover, J.D., Greene, F.L., Heniford, B.T. Initial outcomes with an electrothermal bipolar vessel sealer in experimental and clinical bowel resections. *World Congress of High Tech Medicine*, Hanover, Germany, October 16-20, 2000.

6. Pratt, B.L., Backus, C.L., Matthews, B.D., Lipford, E., Greene, F.L., Heniford, B.T. A comparative analysis of the effectiveness of the ultrasonic shearing device, the LigaSure vessel sealer and surgical clip application in biliary surgery. *North Carolina Chapter of the American College of Surgeons*, July 7-9 2000.

7. Pratt, B.L., Heniford, B.T., Walsh, R.M., Backus, C.L., Greene, F.L., Heniford, B.T. Laparoscopic versus open resection of gastric stromal tumors. *World Congress of Endoscopic Surgery*, Singapore, June 1-4, 2000.

8. Pratt, B.L., Matthews, B.D., Backus, C.L., Answini, G.A., Walsh, R.M., Park, A., Greene, F.L.,

Heniford, B.T. Laparoscopic resection of gastric stromal tumors. North Carolina Chapter of the American College of Surgeons, July 7-9, 2000.

9. Backus, C.L., Walsh, R.M., Matthews, B.D., Pratt, B.L., Greene, F.L., Heniford, B.T. Criteria for adding a hand-assisted technique in laparoscopic splenectomy in patients with massive splenomegaly. World Congress of Endoscopic Surgery, Singapore, June 1-4, 2000.

10. Pratt, B.L., Hultman, C.S., et al. Multidisciplinary approach to abdominal wall reconstruction after decompressive laparotomy for abdominal compartment syndrome. Southeastern Society of Plastic and Reconstructive Surgery, Hot Springs, VA, June 4-6, 2004

11. Pratt, B.L., Hultman, C.S., et al. Multidisciplinary approach to abdominal wall reconstruction after decompressive laparotomy for abdominal compartment syndrome. Nathan A. Womack Society – Surgical Research Forum. University of North Carolina at Chapel Hill, June 2004.

Research Presented as Posters

1. Pratt, B.L., Backus, C.L., Matthews, B.D., Baek, J., Heran, E., Sing, R.F., Heniford, B.T. Ureteral thermal injury in a porcine model comparing ultrasonic shears, LigaSure, and bipolar cautery. Amer College of Surgeons, Chicago, IL, October 23-26, 2000.

2. Backus, C.L., Heniford, B.T., Pratt, B.L., Matthews, B.D., Huynh, T.T., Sing, R.F. Venous hypercarbia as a marker for hemorrhagic shock. American College of Surgeons, Chicago, IL, October 23-26, 2000.

3. Pratt, B.L., Backus, C.L., Matthews, B.D., Answini, G.A., Heniford, B.T. Intra-luminal versus extra-luminal gastric stromal tumors: predictability of malignancy. American College of Surgeons, Chicago, IL, October 23-26, 2000.

4. Pratt, B.L., Backus C.L., Matthews, B.D., Sing, R.F., Baek, J., Heniford, B.T. A model for assessment of adhesions utilizing mini-laparoscopy. Amer Coll of Surgeons, Chicago, IL, October 23-26, 2000.

5. Matthews, B.D., Backus, C.L., Pratt, B.L., Sing, R.F., Heniford, B.T. Delayed laparoscopic splenectomy for Grade III splenic laceration. Amer Coll of Surgeons, Chicago, IL, October 23-26, 2000.

6. Pratt, B.L., Jacobs, D.J., Backus, C.L., Matthews, B.D., Lipford, E., Greene, F.L., Heniford, B.T. A comparative analysis of the effectiveness of the ultrasonic shearing device, the LigaSure vessel sealer and surgical clip application in biliary surgery. National Medical Association, Washington, D.C., August 12-15, 2000.

7. Pratt, B.L., Heniford, B.T., Answini, G.A., Matthews, B.D. Laparoscopic resection of gastric stromal tumors. Society of American Gastrointestinal Endoscopic Surgeons, Atlanta, GA, March 29-Apr 1, 2000.

8. Backus, C.L., Walsh, R.M., Matthews, B.D., Pratt, B.L., Greene, F.L. Heniford, B.T. Criteria for adding a hand-assisted technique in laparoscopic splenectomy in patients with massive splenomegaly. Society of American Gastrointestinal Endoscopic Surgeons, Atlanta, GA, March 29-Apr 1, 2000.

9. Pratt, B.L., Heniford, B.T., Walsh, R.M., Matthews, B.D., Backus, C.L., Greene, F.L. Laparoscopic resection of gastric stromal tumors. Southeastern Surgical Congress, Orlando, FL, February 6-8, 2000.

10. Heniford, B.T., Sing, R.F., Matthews, B.D., Backus, C.L., Pratt, B.L., Greene, F.L. Initial Research and clinical results with the electrothermal bipolar vessel sealer. American College of Surgeons. San Francisco, CA, October 10-16, 1999.

Video Presentations

1. Sing, R.F., Backus, C.L., Pratt, B.L., Matthews, B.D., Heniford, B.T., Gibbs, M., Tayal, V. FAST: Focused Assessment with Sonography in Trauma Patients. Southeastern Surgical Congress, New Orleans, LA, February 4-6, 2001.
2. Heniford, B.T., Pratt, B.L., Backus, C.L., Matthews, B.D., Kercher, K.W., Walsh, R.M. Minimally invasive techniques to resect gastric stromal tumors. Southeastern Surgical Congress, New Orleans, LA, February 4-6, 2001.
3. White, R.L., Pratt, B.L., Backus, C.L., Heniford, B.T., Matthews, B.D., Holder, W.D. Lymphatic Mapping and sentinel lymph node biopsy utilizing dynamic lymphoscintigraphy and gamma probe for malignant melanoma. American College of Surgeons, Chicago, IL, October 23-26, 2000.
4. Pratt, B.L., Matthews, B.D., Heniford, B.T., Laparoscopic nissen fundoplication. World Congress of Endoscopic Surgery, Singapore, June 1-4, 2000.
5. Pratt, B.L., Matthews, B.D., Heniford, B.T. Mini-laparoscopic assisted left nephrectomy. World Congress of Endoscopic Surgery, Singapore, June 1-4, 2000.
6. Pratt, B.L., Backus, C.L., Matthews, B.D., Heniford, B.T. Laparoscopic anterior esophageal myotomy. World Congress of Endoscopic Surgery, Singapore, June 1-4, 2000.
7. Heniford, B.T., Backus, C.L., Pratt, B.L., Matthews, B.D. Laparoscopic ventral hernia repair. Southeastern Surgical Congress, Orlando, FL, February 6-8, 2000.
8. Backus, C.L., Heniford, B.T., Pratt, B.L., Gibbs, M., Tayal, V., Sing, R.F. FAST: Focused Assessment with Sonography in Trauma patients. International Trauma, Anesthesia and Critical Care Society, Mainz, Germany.

Grants

Pratt, B.L., Matthews, B.D., Heniford, B.T. Common bile duct ligation with the Harmonic Scalpel and Application of fibrin sealant. Baxter International, Inc. \$2,800.00

Matthews, B.D., Heniford, B.T., Kercher, K.W., Pratt, B.L. Evaluation of adhesion formation with C-Type Mesh (Gore-Tex), Composix Mesh (Bard), and Sepramesh (Genzyme) utilizing mini-laparoscopy in a New Zealand white rabbit model. Carolinas Laparoscopic and Advanced Surgery Program, \$47,028.25.

Heniford, B.T., Shah, S., Backus, C.L., Matthews, B.D., Pratt, B.L. Common bile duct ligation with Liga-Sure Vessel Sealer and Harmonic Scalpel. Valley Lab, Carolinas Laparoscopic and Advanced Surgery Program. \$8,332.00

