



Mohamed R. Ali, M.D.

Clinical Interests	Mohamed Ali specializes in the application of minimally invasive surgical techniques to conventional surgery, surgery of the foregut including reflux and achalasia, and laparoscopic bariatric surgery. This includes the use of advanced technology such as surgical robotics in the treatment of surgical disease. He focuses his research on studying long-term outcomes and co-morbidity reduction in bariatric surgery, applying emerging technology and robotics to laparoscopy, and investigating the genetic and hormonal bases for obesity.
Title	Chief, Bariatric Surgery Director, Minimally Invasive Surgery Professor
Specialty	Surgery - Bariatric , Surgery - Gastrointestinal
Department	Surgery
Division	Gastrointestinal Surgery
Center/Program Affiliation	Robotic Surgery Program
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Education	M.D., Medical University of South Carolina, Charleston, South Carolina, 1995 B.S., University of South Carolina, Columbia, South Carolina, 1991
Internships	Medical University of South Carolina, Charleston, South Carolina, 1995-96
Residency	Medical University of South Carolina, Charleston, South Carolina, 1996-2001
Fellowships	Medical College of Virginia, Richmond, Virginia, 2001-02
Board Certifications	American Board of Surgery, 2001
Professional Memberships	American College of Surgeons American Medical Association American Society for Metabolic and Bariatric Surgery Society of American Gastrointestinal Endoscopic Surgeons



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Select Recent Publications

- Hamdallah IN, Shamseddeen HN, Getty JL, Smith W, Ali MR. Greater than expected prevalence of pseudotumor cerebri: a prospective study. *Surg Obes Relat Dis*. 2011 Dec 10
- Krispel CM, Keltner JL, Smith W, Chu DG, Ali MR. Undiagnosed papilledema in a morbidly obese patient population: a prospective study. *J Neuroophthalmol*. 2011 Dec;31(4):310-5.
- Rasmussen JJ, Fuller WD, Ali MR. Sleep apnea syndrome is significantly underdiagnosed in bariatric surgical patients. *Surg Obes Relat Dis*. 2011 Jul 24.
- Shamseddeen H, Getty JZ, Hamdallah IN, Ali MR. Epidemiology and economic impact of obesity and type 2 diabetes. *Surg Clin North Am*. 2011 Dec;91(6):1163-72, vii. Epub 2011 Oct 2. Review.
- Wu JN, Craig J, Chamie K, Asplin J, Ali MR, Low RK. Urolithiasis risk factors in the bariatric population undergoing gastric bypass surgery. *Surg Obes Relat Dis*. 2011 Sep 21.
- Medici V, Ali MR, Seo S, Aoki CA, Rossaro L, Kim K, Fuller WD, Vidovszky TJ, Smith W, Jiang JX, Maganti K, Havel PJ, Kamboj A, Ramsamooj R, Trk NJ. Increased soluble leptin receptor levels in morbidly obese patients with insulin resistance and nonalcoholic fatty liver disease. *Obesity* (Silver Spring). 2010 Dec;18(12):2268-73. Epub 2010 May 6.
- Ali MR, Tichansky DS, Kothari SN, McBride CL, Fernandez AZ Jr, Sugerman HJ, Kellum JM, Wolfe LG, DeMaria EJ. Validation that a 1-year fellowship in minimally invasive and bariatric surgery can eliminate the learning curve for laparoscopic gastric bypass. *Surg Endosc*. 2010 Jan;24(1):138-44. Epub 2009 Jun 11.
- Asztalos BF, Swarbrick MM, Schaefer EJ, Dallal GE, Horvath KV, Ai M, Stanhope KL, Austrheim-Smith I, Wolfe BM, Ali M, Havel PJ. Effects of weight loss, induced by gastric bypass surgery, on HDL remodeling in obese women. *J Lipid Res*. 2010 Aug;51(8):2405-12.
- Ali MR, Fuller WD, Rasmussen J. Detailed description of early response of metabolic syndrome after laparoscopic Roux-en-Y gastric bypass. *Surg Obes Relat Dis*. 2009 May-Jun;5(3):346-51. Epub 2008 Nov 21.
- Ali MR, Rasmussen JJ, Monash JB, Fuller WD. Depression is associated with increased severity of co-morbidities in bariatric surgical candidates. *Surg Obes Relat Dis*. 2009 Sep-Oct;5(5):559-64. Epub 2008 Nov 21.
- Swarbrick MM, Stanhope KL, Austrheim-Smith IT, Van Loan MD, Ali MR, Wolfe BM, Havel PJ. Longitudinal changes in pancreatic and adipocyte hormones following Roux-en-Y gastric bypass surgery. *Diabetologia*. 2008 Oct;51(10):1901-11. Epub 2008 Aug 15.

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