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James B. Lowe, III, M.D.

Plastic and Reconstructive

Chief, Section of Cosmetic Surgery

Assistant Professor of Surgery

Division of Plastic and Reconstructive Surgery

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Patients Seen At:

Plastic and Reconstructive Surgery Center
Center for Advanced Medicine
4921 Parkview Place, Suite G, Floor 6
St. Louis, MO 63110
To schedule an appointment, call:
(314) 362-7388 or (800) 283-5848

Specialty Areas:

Cosmetic surgery
Plastic and reconstructive surgery
Hand surgery

Board Certification:

Plastic Surgery--Certified
Hand--Certified
General Surgery--Certified

Areas of Clinical Interest:

Ethnic aging, facial plastic surgery, facelifts, mini-facelifts, blepharoplasty, rhinoplasty, injectable fillers (Restylane, Hylaform, Radiesse) and Botox, nerve reconstruction, cavernous nerve reconstruction, abdominal wall reconstruction, breast lifts and breast augmentation, and breast reduction.

Medical Education:

B.A.: Baylor University, Waco, Texas, 1988

Medical Degree: University of Oklahoma College of Medicine, Oklahoma City, Oklahoma, 1992

Residency: Surgical, University of Texas Health Science Center, San Antonio, Texas, 1997

Residency: Plastic Surgery, University of Texas Southwestern Medical Center, Dallas, Texas, 1999

Microsurgical/Hand Fellowship: Plastic & Reconstructive Surgery, Washington University School of Medicine, St. Louis, Missouri, 2000

Hospital Affiliations:

Barnes-Jewish Hospital

Selected or Recent Publications:

Lowe JB 3rd, Maggi SP, Mackinnon SE. The position of crossing branches of the medial antebrachial cutaneous nerve during cubital tunnel surgery in humans. *Plastic and Reconstructive Surgery*. 2004;114(3):692-6.

Brenner MJ, Fox IK, Kawamura DH, Yu VM, **Lowe** JB 3rd, Hunter DA, Mackinnon SE. Delayed nerve repair is associated with diminished neuroenhancement by FK506. *Laryngoscope*. 2004;114(3):570-576.

Lowe JB 3rd, Mackinnon SE. Management of secondary cubital tunnel syndrome. *Plastic and Reconstructive Surgery*. 2004;113(1):E1-E16.

Yang RK, **Lowe** JB 3rd, Sobol JB, Sen SK, Hunter DA, Mackinnon SE. Dose-dependent effects of FK506 on neuroregeneration in a rat model. *Plastic and Reconstructive Surgery*. 2003;112(7):1832-1840.

Lee AC, Yu VM, **Lowe** JB 3rd, Brenner MJ, Hunter DA, Mackinnon SE, Sakiyama-Elbert SE. Controlled release of nerve growth factor enhances sciatic nerve regeneration. *Experimental Neurology*. 2003;184(1):295-303.

Lowe JB 3rd, **Lowe** JB, Baty JD, Garza JR. Risks associated with "components

separation" for closure of complex abdominal wall defects. *Plastic and Reconstructive Surgery*. 2003;111(3):1276-1283; quiz 1284-1285; discussion 1286-1288.

Maggi SP, **Lowe** JB 3rd, Mackinnon SE. Pathophysiology of nerve injury. *Clinics in Plastic Surgery*. 2003;30(2):109-126.

Doezie AM, **Lowe** JB 3rd, Hunter DA, Mackinnon SE. Effects of tobacco smoke on recovery after nerve crush injury in rats. *Annals of Plastic Surgery*. 2002;49(6):628-634.

Myckatyn TM, Ellis RA, Grand AG, Sen SK, **Lowe** JB 3rd, Hunter DA, Mackinnon SE. The effects of rapamycin in murine peripheral nerve isografts and allografts. *Plastic and Reconstructive Surgery*. 2002;109(7):2405-2517.

Lowe JB 3rd, Sen SK, Mackinnon SE. Current approach to radial nerve paralysis. *Plastic and Reconstructive Surgery*. 2002;110(4):1099-1113.

Lowe JB 3rd, Tung TR, Mackinnon SE. New surgical option for radial nerve paralysis. *Plastic and Reconstructive Surgery*. 2002;110(3):836-843.

Lowe JB 3rd, Novak CB, Mackinnon SE. Current approach to cubital tunnel syndrome. *Neurosurgery Clinics of North America*. 2001;12(2):267-284.

Rohrich RJ, **Lowe** JB, Hackney F, Bowman JL, Hobar C. An algorithm for abdominal wall reconstruction. *Plastic and Reconstructive Surgery*. 2000;105(1):202-216.

Rohrich RJ, **Lowe** JB, Schwartz MR. The role of rhinoplasty in the management of nasal dermoid cysts. *Plastic and Reconstructive Surgery*. 1999;104:1459.

Lowe JB, Page CP, Schwesinger WH, Gaskill HV, Stauffer JS. Percutaneous endoscopic gastrostomy tube placement in a surgical training program. *American Journal of Surgery*. 1997;174:624.

Presentations:

Lowe JB: Anatomic and Histologic Evaluation of the **Lower** Eyelid Orbicularis Oculi Muscle. Peripheral Nerve Surgery Society, Rancho Mirage, CA, January, 2004.

Lowe JB: Large Animal Model for Cavernous Nerve Reconstruction. Peripheral Nerve Surgery Society, Rancho Mirage, CA, January, 2004.

Lowe JB: The effects of Predegeneration of Interposed Nerve Segments on Nerve Regeneration across a Silicone Conduit. Plastic Surgery Research Council, Annual Scientific Meeting, Seattle, WA, May, 2000.

Lowe JB: An Algorithm for Abdominal Wall Reconstruction. American Society of Plastic and Reconstructive Surgeons, Annual Scientific Meeting, New Orleans, LA, October, 1999.

Low JB: Damage to Hair Follicles by Laser to Undersurface of Surgical Flap. 38th Annual Plastic Surgery Senior Residents Conference, Galveston, Texas, April, 1999.

Low JB: Endoscopic Assisted Component Separation. 38th Annual Plastic Surgery Senior Residents Conference, Galveston, Texas, April, 1999.

Low JB: Damage to Hair Follicles by Laser to Undersurface of Surgical Flap. Texas Society of Plastic Surgeons, Annual Scientific Meeting, Galveston, Texas, November, 1998.

Awards/Honors:

Chief, Section of Cosmetic Surgery, 2004; Paul Weeks Teaching Award, 2004; National Plastic Surgery Education Foundation Award, 2002, 1999; Best Poster Award, ASSH Annual Meeting, 200; Resident Research Award, 1999; Outstanding Laparoendoscopic Resident Surgeon, 1997; J. Bradley Aust Surgical Society Awards, 1993-1997.

Personal Website:

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