

**CURRICULUM VITAE**

Date prepared: 11/11

**NOLAN S. KARP, M.D.**

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Place of Birth: New York, New York

**EDUCATION:**

1979 B.S. Northwestern University, Evanston, IL  
1983 M.D. Northwestern University, Chicago, IL

**POSTDOCTORAL TRAINING:**

Residencies:

1983-1988 General Surgery Residency, New York University  
Medical Center

1989-1991 Plastic Surgery Residency, Institute of  
Reconstructive Plastic Surgery, New York  
University Medical Center

1990-1991 Executive Chief Resident, Institute of  
Reconstructive Plastic Surgery, New York  
University Medical Center

1991-1992 Microsurgery Fellow, Institute of Reconstructive  
Plastic Surgery, New York University Medical  
Center

Research Fellowship:

1988-1989 Craniofacial Research Fellow, Institute of  
Reconstructive Plastic Surgery, New York  
University Medical Center

**LICENSURE AND CERTIFICATION:**

1984 New York State License #164653  
 1988 American Board of Surgery #34491  
 1994 American Board of Plastic surgery #4670

**ACADEMIC APPOINTMENTS:**

1992 Assistant Professor of Surgery (Plastic), New York University School of Medicine  
 1999 Associate Professor of Surgery (Plastic), New York University School of Medicine  
 2006 Director Breast Plastic Surgery Service, Institute of Reconstructive Plastic Surgery, New York University School of Medicine

**HOSPITAL APPOINTMENTS:**

1992- Attending Physician, Tisch Hospital, New York University Medical Center, New York, N.Y.  
 1992- Attending Physician, New York Veterans Administration Hospital, New York, N.Y.  
 1992- Assistant Attending Physician, Bellevue Hospital Center, New York, N.Y.  
 1992- Attending Physician, Manhattan, Eye, Ear, Throat Hospital, New York, N.Y.  
 2007- Chief Plastic Surgical Service Tisch Hospital New York University Medical Center

**OTHER APPOINTMENTS**

2001-2005 Plastic Surgery Consultant New York Mets baseball team

**AWARDS:**

First Prize Residents Research Competition, Institute of Reconstructive Plastic Surgery, New York University Medical Center. Best basic science paper: Bone lengthening in the craniofacial skeleton. May 30, 1989.

The American Society of Maxillofacial Surgery Award for the best clinical paper in Plastic and Reconstructive Surgery for the year 1990: McCarthy, J.G., Karp, N.S., LaTrenta, G.S., Thorne, C.H.M.: The effect of early fronto-orbital advancement on frontal sinus development and forehead esthetics.

First Place for the outstanding paper delivered before the Section of Plastic and Reconstructive Surgery of the New York Academy of Medicine and the New York Regional Society of Plastic and Reconstructive Surgery: Bone lengthening in the canine mandible. March 5, 1990.

Executive Chief Resident, Institute of Reconstructive Plastic Surgery, New York University Medical Center, 7/90-6/91.

Plastic Surgery Education Foundation (PSEF) Clinical Research Essay Contest-Junior Category. - 2007 (1st Place Prize) - Defining Changes in Volumetric Distribution Following Breast Reduction Surgery through Three-Dimensional Imaging"

## **GRANTS**

2007 Plastic Surgery Educational Foundation Research Grant (3D Imaging for Planning and Analysis in Aesthetic Breast Surgery) \$4,000

2008 General Clinical Research Center (GCRC) - Mentored Clinical Research Grant (3D Imaging as a Unique Tool for Improving Surgical and Psychosocial Outcomes in Breast Reconstruction)  
Co-Investigator \$12,500

2011 Industry Grant: Allergan Corporation Sponsor  
The SeriScaffold use in reconstruction post market study for tissue support and repair in breast reconstructive surgery  
Principal Investigator  
Budget: \$467,450

**MEMBERSHIPS AND PROFESSIONAL SOCIETIES:**

1993-Medical Society of the State of New York  
1993-New York County Medical Society  
1993-Plastic Surgery Research Council  
1994-American Society of Plastic and Reconstructive  
Surgery  
1995-American College of Surgeons  
1996-American Society for Laser Medicine and Surgery  
1996-Tissue Engineering Society  
1998-American Society of Breast Disease  
2000-American Society for Aesthetic Plastic Surgery  
2000-Northeastern Society of Plastic Surgeons  
2003-American Association of Plastic Surgeons  
2010-IPRO

**MAJOR RESEARCH INTERESTS:**

The effect of adenovirus-mediated VEGF transfer in rat flaps

Nerve distraction and nerve end-to-side bypass techniques in the rat

Development of minimally invasive techniques in plastic surgery including endoscopic muscle flap harvest

Principal Investigator New York University School of Medicine Site: McGhan Medical Corporation Silicone-Filled Breast Implant Adjunct Clinical Study

Long term outcome studies of short breast reduction using validated questionnaires

3D Imaging of the breast reduction patient: defining bottoming out and other post surgical changes

3D Imaging of the breast reconstruction patient: More accurately sizing implants

3D Imaging of the breast augmentation patient

3D Imaging of the patient undergoing immediate implant breast reconstruction

The effective of Mon's lift in the post-bariatric patient

**PRINCIPAL CLINICAL RESPONSIBILITIES:**

1992-Microsurgery attending supervising replantation service at Bellevue Hospital

1992-Member, Multidisciplinary Skin Cancer and Pigmented Lesion Conference

1993-1996 Chief, Plastic Surgery Service, New York Veterans Administration Hospital

1996-Director, Center for Minimally Invasive Plastic Surgery

1996-Director, Trunk and Extremity Vascular Anomalies Conference

1999-2001 Director, Microsurgery Service, Institute of Reconstructive Plastic Surgery

2006-Director, Breast Plastic Surgery Service, New York University Medical Center

2007-Chief, Tisch Hospital Plastic Surgery Service, New York University Medical Center

**MAJOR ADMINISTRATIVE RESPONSIBILITIES:**

1992-Coordinator Plastic Surgical Operative Log for all training programs

1992-Co-Director Microsurgery Research Laboratory

1999-Medical Director, AAAASF Accredited office surgical facility, NYU Faculty Practice Offices

2000-Director of Operating Room Block Time, Tisch Hospital

2005-Headed Faculty Recruitment Committee, Institute of Reconstructive Plastic Surgery

2006-Director, Breast Plastic Surgery Services, New York University Medical Center

2007-Chief, Tisch Hospital Plastic Surgery Service, New York University Medical Center

### **TEACHING EXPERIENCE:**

1992-Attending physician: teaching residents at Tisch Hospital, Bellevue Hospital, and New York Veterans Hospital

1992-Lead attending/microsurgery rounds at Bellevue Hospital

1993-1996 Chief Plastic Surgery, New York Veterans Hospital

1996-Program Director: Emerging Technologies in Plastic Surgery Course held yearly at the Medical Center

### **HOSPITAL COMMITTEES**

1995-Executive Committee- Institute of Reconstructive Plastic Surgery

1995-Education Committee- Institute of Reconstructive Plastic surgery

1995-Private office Committee- Institute of Reconstructive Surgery

1999-Operating Room committee- NYU Medical Center

1999-Perioperative Committee- NYU Medical Center

1999-ENT Chairman Search Committee- NYU School of Medicine

2007-Executive Committee of the Medical Board Tisch Hospital

2007-Service Chiefs Committee Tisch Hospital

## **OUTSIDE COMMITTEES**

American Society for Aesthetic Plastic Surgery

2003-Future Leaders Committee

2003-Exhibits Committee

2003-Scientific Exhibits Committee (Chair)

2006-Exhibits Committee (Chair)

2006-Program Committee

2007-Ethics Committee (Chair)

American Society of Plastic Surgery

2003-ASPS Health Policy and Practice Committee

American Society of Breast Disease

2002-Consensus Committee

## **BIBLIOGRAPHY:**

### **Original reports in refereed journals:**

1. Vayo, M., Lipowsky, H., Karp, N., Schmalzer, E., Chien, S.: A model of microvascular oxygen transport in sickle cell disease. *Microvasc. Res.*, 30:195-206, 1985.
2. Roses, D.F., Karp, N.S., Sudarsky, L.A., Valensi, Q.J., Rosen, R.J., Blum, M.: Primary hyperparathyroidism associated with two enlarged parathyroid glands. *Arch. Surg.*, 124:1261-1265, 1989.
3. Karp, N.S., Boyd, A., DePan, H.J., Harris, M.N., Roses, D.F.: Thoracotomy for Metastatic Melanoma of the Lung. *Surgery*, 107:256-261, 1990.
4. Karp, N.S., Thorne, C.H.M., McCarthy, J.G., Sissons, H.A.: Bone lengthening in the craniofacial skeleton. *Ann. Plast. Surg.*, 24:231-237, 1990.

5. Karp, N.S., Lamparello, P., Ranson, J.H.C.: Total pancreatectomy with celiac artery occlusion. N. Y. State Jour. Med., 90:416-418, 1990.
6. McCarthy, J.G., Karp, N.S., LaTrenta, G.S., Thorne, C.H.: The effect of early fronto-orbital advancement on frontal sinus development and forehead esthetics. Plast. Reconstr. Surg., 86:1078-1084, 1990.
7. Rusinek, H., Karp, N., Cutting, C.B.: Three-dimensional rendering of medical images: surface and volume approaches. J. Digital Imag., 3:81-88, 1990.
8. Roses, D.F., Karp, N.S., Oratz, R., Dubin, N., Harris, M.N., Speyer, J., Boyd, A., Golomb, F.M., Ransohoff, J., Dugan, M.: Survival with regional and distant metastases from cutaneous malignant melanoma. Surg. Gynec. Obst. 172:262-268, 1991.
9. McCarthy, J.G., Schreiber, J.S., Karp, N.S., Thorne, C.H., Grayson, B.H.: Lengthening of the human mandible by gradual distraction. Plast. Reconstr. Surg., 89:1-8, 1992.
10. Roses, D.F., Mitnick, J., Harris, M.N., Kaplon, R., Karp, N., Vazquez, M., Dubin, N.: The risk of carcinoma in wire localization biopsies for mammographically detected clustered microcalcifications. Surgery, 110:877-886, 1991.
11. Zide, B.M., Karp, N.S.: Maximizing gain from rectangular tissue expanders. Plast. Reconstr. Surg., 90:500-504, 1992.
12. Karp, N.S., McCarthy, J.G., Schreiber, J.S., Sissons, H.A., Thorne, C.H.M.: Membranous bone lengthening: A serial histologic study. Ann. Plast. Surg., 29:2-7, 1992.
13. Rapaport, D.P., Breitbart, A.S., Karp, N.S., Siebert, J.W.: Successful microvascular replantation of a completely amputated ear. Microsurg., 14:312-314, 1993.
14. Karp, N.S., Kasabian, A.K., Siebert, J.W., Eidelman, Y., Colen, S.: Microvascular free flap salvage of the diabetic foot: A five year experience. Plast. Reconstr. Surg., 94:834-840, 1994.
15. Glat, P.M., Staffenberg, D.A., Karp, N.S., Holliday, R.A., Steiner, G., McCarthy, J.G.: Multidimensional

distraction osteogenesis: The canine zygoma. *Plast. Reconstr. Surg.*, 94:753-758, 1994.

16. Denk, M.J., Longaker, M.T., Basner, A.L., Glat, P.M., Karp, N.S., Kasabian, A.K.: Microsurgical reconstruction of the lower extremity using the 3M microvascular coupling device in venous anastomoses. *Ann. Plast Surg.*, 35:601-606, 1995.

17. Bass, L.S., Karp, N.S., Benacquista, T., Kasabian, A.K.: Endoscopic harvest of the rectus abdominus free flap: Balloon dissection in the fascial plane. *Ann. Plast. Surg.*, 34:274-280, 1995.

18. Kasabian, A.K., Glat, P.M., Eidelman, Y., Karp, N.S., Giangola, G.: Limb salvage with microvascular free flap reconstruction using polytetrafluoroethylene graft for inflow. *Ann. Plast. Surg.* 35:310-315, 1995.

19. Choe, E.I., Kasabian, A.K., Kolker, A.R., Karp, N.S., Zhang, L., Bass, L.S., Nardi, M., Josephson, G., Karpatkin, M.: Thrombocytosis after major lower extremity trauma: Mechanism and possible role in free flap failure. *Ann. Plast. Surg.*, 36:489-494, 1996.

20. Benacquista, T., Kasabian, A.K., Karp, N.S.: The fate of lower extremities with failed free flaps. *Plast. Reconstr. Surg.*, 98:834, 1996.

21. Kolker, A.R., Kasabian, A.K., Karp, N.S., Gottlieb, J.J.: The fate of free flap microanastomosis distal to the zone of injury in lower extremity trauma. *Plast. Reconstr. Surg.*, 99:1068, 1997.

22. Dublin, B.A., Karp, N.S., Kasabian, A.K., Kolker, A.R., Shah, M.H.: Selective use of preoperative lower extremity arteriography in free flap reconstruction. *Ann. Plast. Surg.* 38:404, 1997.

23. Shah, M.A., Kasabian, A.K., Karp, N.S., Kolker, A.R., Dublin, B.A., Zhang, L., Sakuma, J.: Axonal regeneration through an autogenous nerve bypass: An experimental study in the rat. *Ann. Plast. Surg.* 38:408, 1997.

24. Karp, N.S., Bass, L.S., Kasabian, A.K., Eidelman, Y., Hausmann, M.: Balloon assisted endoscopic harvest of the

latissimus dorsi muscle. *Plast. Reconstr. Surg.* 100:1161, 1997.

25. Kasabian, A.K., McCarthy, J.G., Karp, N.: Use of multiplanar distraction for the correction of a proximal interphalangeal joint fracture. *Ann. Plast. Surg.* 40:378, 1998.

26. Margiotta, M.S., Kasabian, A.K., Karp, N.S., Ting, V., Dublin, B.K., Sagioglu, J., Dublin, B.A.: Humorally mediated thrombocytosis in major lower extremity trauma. *Ann. Plast. Surg.* 40:463-468, 1998

27. Margiotta, M.S., Usal, H., Karp, N.S., Dublin, B.K., Sagioglu, J., Ting, V., Kasabian, A.K.: A nerve distraction model in the rat. *Ann. Plast. Surg.* 40:486, 1998.

28. Blei, F., Karp, N.S., Rofsky, N., Rosen, R., Greco, A.: Multimodal therapy for Kaposiform hemangioendothelioma complicated by Kasabach Merritt phenomenon. Accepted for publication. *Jour. Pediatric Hematology/Oncology.*

29. Bass, L.S., Karp, N.S., Aston, S.J.: Balloon-assisted endoscopic brow lift: Preliminary experience. *Aesthetic Surgery Journal.* 18:163, 1998.

30. Blei, F., Chianese, B.S., Kauvar, A., Karp, N.: Topical amicar and gelfoams as adjuvative therapies for bleeding hemangiomas. *International Pediatrics.* 14:168, 1999.

31. Youm, T., Margiotta, M., Kasabian, A., Karp, N.: Complications of tissue expansion in a public hospital. *Ann. Plast. Surg.* 42:396-402, 1999.

32. Kasabian, A., Karp, N., Margiotta, M.: Treatment of neuroma-in-continuity of the peroneal nerve with a nerve bypass graft-a case report. *Ann. Plast. Surg.* 42:449-451, 1999.

33. Naidich, J., Rofsky, N., Rosen, R., Karp, N.: Arteriovenous malformation in a patient with Bannayan-Zonana Syndrome. *Clin. Imaging.* 25:130-132, 2001.

34. Levine, J., Karp, N.S.: Restoration of abdominal wall integrity as a salvage procedure in difficult recurrent

abdominal wall hernias using a method of wide myofascial release. *Plast. Reconstr. Surg.* 107:707-716, 2001.

35. Chung, S., Hazen, A., Levine, J., Baux, G., Olivier, W., Yee, H., Margiotta, M., Karp, N., Gurtner, G.: Vascularized acellular dermal matrix island flaps for the repair of abdominal muscle defects. *Plast. Reconstr. Surg.* 111:225-232, 2003.

36. Rinker, B., Karp, N., Margiotta, M., Blei, F., Rosen, R., Rofsky, N.M.: The role of magnetic resonance imaging in the management of vascular malformations of the trunk and extremities. *Plast. Reconstr. Surg.* 112:504-510, 2003.

37. Karp, N.S.: Medial pedicle/vertical Breast reduction made easy. The importance of complete inferior glandular resection. *Ann. Plast. Surg.* 52:458-464, 2004.

38. Spector, J.A., Karp, N.S.: A primer on breast reduction surgery. *Contemporary OB/GYN.* 50:58-70, 2005.

39. Spector, J.A., Kleinerman, R., Culliford, A.T., Karp, N.S. The vertical reduction mammoplasty: A prospective analysis of patient outcomes. *Plast. Reconstr. Surg.* 117:374-383, 2006.

40. Kleinerman, R., Karp, N.S., Spector, J.A.: Counseling patients on Breast Reconstruction. *Contemporary OB/GYN.* 51:35-44, 2006.

41. Tepper, O.M., Small, K., Rudolph, L., Choi, M., Karp, N.: Virtual 3-Dimensional modeling as a valuable adjunct to aesthetic and reconstructive breast surgery. *Am. J. Surg.* 192:548-551, 2006.

42. Spector, J. A., Levine, S. M., Karp, N.S.: Surgical Solutions to the problem of massive weight loss. *World. J. Gastroenterology.* 12:6602-6607, 2006.

43. Culliford, A.T., Spector, J., Blank, A., Karp, N.S., Kasabian, A., Levine, J.P.: The fate of lower extremities with failed free flaps: A single institution's experience over 25 years. *Ann. Plast. Surg.* 59: 18-22, 2007.

44. Spector, J., Karp, N.S.: Reduction mammoplasty: A significant improvement at any size. *Plast. Reconstr. Surg.* 120:845-850, 2007.

45. Culliford, A.T., Spector, J.A., Flores, R.L., Louie, O., Choi, M., Karp, N.S.: Intraoperative Sensoricaine significantly improves postoperative management in outpatient reduction mammoplasty. *Plast. Reconstr. Surg.* 120: 840-844, 2007.
46. Tepper, O.M., Choi, M., Karp, N.S.: In search of an accurate and practical approach to 3-Dimensional photography of the breast: reply. *Amer. J. Surg.* 194:565-566, 2007.
47. Tepper, O.M., Choi, M., Small, K., Unger, J., Davidson, E., Rudolph, L., Pritchard, A., Karp, N.: An innovative Three-Dimensional Approach to defining the anatomical changes occurring after short scar-medial pedicle reduction mammoplasty. *Plast. Reconstr Surg.* 121:1875-1885, 2008.
48. Spector, J.A., Singh, S.P., Karp, N.S.: Outcomes After Breast Reduction: Does Size Really Matter? *Ann. Plast. Surg.* 60:505-509, 2008.
49. Tepper, O.M., Karp, N.S., Small, K., Unger, J., Rudolph, L., Pritchard, A., Choi, M.: Three-Dimensional Imaging Provides Valuable Clinical Data to Aid in Unilateral Tissue Expander-Implant Breast Reconstruction. *The Breast Jour.* 14:543-550, 2008.
50. Small, K.H., Tepper, O.M., Unger, J.G., Kumar, N., Feldman, D., Karp, N.: Re-Defining Pseudoptosis from a 3D Perspective after Short Scar-Medial Pedicle Reduction Mammoplasty. *J. Plast. Recon. Aesth. Surg.* 63:346-353, 2010
51. Tepper, O.M., Small, K.H., Unger, J.G., Feldman, D.L., Kumar, N., Choi, M., Karp, N.S.: 3D Analysis of Breast Augmentation defines operative changes and their relationship to implant dimensions. *Ann. Plast. Surg.* 62:570-575, 2009.
52. Derderian, C.A., Karp, N.S., Choi, M.: Wise-Pattern Breast Reconstruction: Modification Using Alloderm and a Vascularized Dermal-subcutaneous Pedicle. *Ann. Plast. Surg.* 62:528-532, 2009.
53. Choi, M., Unger, J., Small, K., Tepper, O., Kumar, N., Feldman, D., Karp, N.: Defining the Kinetics of Breast

Pseudoptosis After Reduction Mammoplasty. *Ann. Plast. Surg.* 62:518-522, 2009.

54. Tepper, O.M., Unger, J., Small, K.H., Feldman, D., Kumar, N., Choi, M., Karp, N.S.: Mammometrics: The Standardization of Aesthetic and Reconstructive Breast Surgery. *Plast. Reconstr. Surg.* 125:393-400, 2010.

55. Blechman, K.M., Levovitz, C., Guth, A., Axelrod, D., Shapiro, R., Karp, N.S., Choi, M.: The Lateral Inframammary Incision for Nipple and/or Areola-Sparing Mastectomy: Outcomes from over 50 Immediate Implant-Based Reconstructions. Accepted for Publication the *Breast Journal* 2011.

56. Weichmen, K.E., Wilson, S.C., Weinstein, A.L., Hazen, A., Levine, J., Choi, M., Karp, N.S.: The use of Acellular Dermal Matrix in Immediate Two-Stage Tissue Expander Breast Reconstruction. Accepted for publication with revisions. *Plast. Reconstr. Surgery* 2011.

## **BOOK CHAPTERS**

Kasabian, A.K., Karp, N.S.: Lower extremity reconstruction: In *Grabb and Smith's Plastic Surgery*, Lippincott-Raven, 1997.

Colen, S.R., Karp, N.S.: Reconstruction following surgery for breast cancer: In *Roses, D.F. Breast Cancer*. Philadelphia, Churchill Livingstone, 1999.

Karp, N.S., Greer, S.: Tissue expansion: In *The Handbook of Plastic Surgery*, pg 47-50, Dekker, 2004

Karp, N.S., Sharma, S.: Acute lower extremity trauma: In *The Handbook of Plastic Surgery*, pg 511-518, Dekker, 2004

Karp, N.S., Colen, S.R.: Reconstruction following surgery for breast cancer: In *Roses, D.F. Breast Cancer*. Philadelphia, 2005.

Karp, N.S.: Abdominal wall reconstruction: Current Therapy in Plastic Surgery, Saunders Elsevier, Philadelphia, 2006.

Karp, N.S.: Gynecomastia: In Grabb and Smith's Plastic Surgery, Lippincott Williams & Wilkins, 2007.

Karp, N.S.: Mastopexy and Augmentation Mastopexy: In Grabb and Smith's Plastic Surgery, Lippincott Williams & Wilkins, 2007.

### **PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS**

Karp, N.: Endoscopically assisted latissimus dorsi harvest. Emerging Technologies in Plastic Surgery, New York, May 2, 1997.

Karp, N.: Endoscopic equipment: Tools of the trade. Emerging Technologies in Plastic Surgery, New York, April 17, 1998.

Karp, N.: Endoscopic Breast Augmentation: Alternative techniques. Emerging Technologies in Plastic Surgery, New York, April 17, 1998.

Karp, N.: Endoscopic equipment: Tools of the trade. Emerging Technologies in Plastic Surgery, New York, April 30, 1999

Karp, N.: A Multidisciplinary approach to trunk and extremity vascular anomalies at Vascular Anomalies 2000, New York University Medical Center, New York, April 8, 2000.

Karp, N.: Update on Silicone Implants. Emerging Technologies in Plastic Surgery, New York, April 28, 2000.

Karp, N.: Treatment Options for Breast Implant Selection/Placement. Emerging Technologies in Plastic Surgery, New York, April 28, 2000.

Karp, N.: Update on the biological effects of silicone. Emerging Technologies in Plastic Surgery, New York, June 1, 2001.

Rinker, B, Karp, N., Rofsky, N., Margiotta, M.: The role of MRI in the management of vascular malformations of the trunk and extremities, ASPS, Orlando, November, 7, 2001.

Karp, N.: Vertical Incision Mammoplasty.: Emerging Technologies in Plastic Surgery, New York, May 31, 2002.

Karp, N.: Accreditation of Office Surgical Facilities.: Emerging Technologies in Plastic Surgery, New York, June 1, 2002.

Karp, N.: Vertical Incision Mammoplasty.: Emerging Technologies in Plastic Surgery, New York, May 30, 2003.

Karp, N.: Medial Pedicle/ Vertical Breast Reduction Made Easy: The importance of complete inferior glandular resection. Presented at the Northeastern Society for Plastic Surgery, Baltimore, October 3, 2003.

Karp, N.: Vertical/Short Scar Breast Reduction.: Emerging Technologies in Plastic Surgery, New York, May 29, 2004.

Karp, N.: Short Scar/Medial Pedicle Breast Reduction.: Emerging Technologies in Plastic Surgery, New York, May 20, 2005.

Tepper OM, Karp NS, Small K, Rudolph L, Roses DF, Shapiro R, Guth AA, Axelrod D, Choi M.: Three-dimensional imaging in breast reconstruction: a useful adjunct to surgical planning and treatment. San Antonio Breast Meeting, San Antonio, TX, 2006

Tepper OM, Choi M, Small K, Karp N. Three-Dimensional Imaging in Reconstructive and Aesthetic Breast Surgery: A Useful Adjunct to Surgical Planning and Assessment. Plastic Surgery Research Council, Dana Point CA, 2006

Tepper OM, Karp N, Small K, Choi M. Three-Dimensional Imaging Provides Volumetric Breast Data with Clinical Value to Aesthetic and Reconstructive Surgeons. ASAPS Meeting, Orlando FL, 2006.

Karp, N.: 3D Imaging in breast reduction surgery.: Emerging Technologies in Plastic Surgery, New York, May 20, 2006.

Tepper OM, Choi M, Small K, Cuccio S, Karp N A Novel

Approach to Aesthetic Breast Surgery Using Three-Dimensional Imaging and Analysis. The American Society of Breast Surgeons, 2006, Baltimore MD

Tepper OM, Karp N, Small K, Shapiro R, Guth A, Axelrod D, Choi M. Optimizing Symmetry in Implant-Breast Reconstruction with the Use of Three-Dimensional Imaging. The American Society of Breast Surgeons, 2006, Baltimore MD

Culliford, A., Spector, J., Flores, R., Louie, O., Choi, M., Karp, N.: Efficacy of Intraoperative Topical Sensoricaine use in Limiting Postoperative Narcotic Consumption in Patients Undergoing Outpatient Reduction Mammoplasty. ASPS, San Francisco, CA, 10, 2006.

Tepper OM, Karp, Small K, Khan N, Rudolph L, Unger JU, Choi M. Three-Dimensional Imaging Provides Valuable Clinical Data to aid in Tissue Expander-Implant Breast Reconstruction. Rapid - Society of Manufacture Engineers. 2007. Detroit, MI

Tepper OM, Karp NS, Small K, Rudolph L, Unger JU, Choi M. 3D Imaging offers a Promising New Approach to Achieving Symmetry in Aesthetic and Reconstructive Breast Surgery. The Red Sea Meeting, 2007. Eilat, Israel

Karp, N.: Symmetry Breast Procedures: The Short Scar Breast Reduction. Group for the Advancement of Breast Reconstruction. Paris, France. May 5, 2007

Karp, N.: Principals of Short Scar Mastopexy. Northeastern Society of Plastic Surgeons. New York, NY March 1, 2008.

Karp, N.: 3D Imaging-Clinical relevance and application Canfield. American Society for Aesthetic Plastic Surgery. San Diego, CA, May 2, 2008

Karp, N.: Scientifically assessing breast bottoming out with 3D technology. American Society for Aesthetic Plastic surgery. San Diego, CA, May 2, 2008.

Karp, N.: Abdominoplasty in the aging patient. Panamerican Congress on Anti-Aging and Aesthetic Medicine. Montreal, Canada, September 6, 2008.

Karp, N.: Ptosis and Prosthesis: Which technique to select. Panamerican Congress on Anti-Aging and Aesthetic Medicine. Montreal, Canada, September 6, 2008.

Derderian, C., Choi, M., Karp, N.: Wise-Pattern Breast Reconstruction: Pocket augmentation using soft tissue fillers and a vascularized dermal-subcutaneous pedicle. Northeastern Society of Plastic Surgeons. Philadelphia, PA, October 3, 2008.

Tepper, O., Unger, J., Small, K., Feldman, D., Choi, M., Karp, N.: 3D analysis of breast augmentation patients defines operative changes and their relationship to implant dimensions. Northeastern Society of Plastic Surgeons. Philadelphia, PA, October 3, 2008.

Choi, M., Unger, J., Tepper, O., Small, K., Feldman, D., Karp, N.: The quantitative progression of pseudoptosis after reduction mammoplasty. Northeastern Society of Plastic Surgeons. Philadelphia, PA, October 4, 2008.

Karp, N.: Indications for mastopexy in the breast augmentation patient. Northeastern Society of Plastic Surgeons. Philadelphia, PA, October 5, 2008.

Karp, N.: 3D Imaging Breast Imaging with Follow up. Advances in Aesthetic Plastic Surgery: The Cutting Edge VII. New York, NY, November 16, 2008.

Karp, N.: How to Modify your Practice during Difficult Economic Times. Northeastern Society of Plastic Surgeons. Charleston, S.C, September 24, 2009.

Kumar, N., Tepper, O.M., Small, K.H., Unger, J., Feldman, D., Choi, M., Karp, N.S.: Tracking the Evolution of Fat Grafting to the Breast Using 3D Imaging. Northeastern Society of Plastic Surgeons. Charleston, S.C., September 24, 2009.

Chen, C., LoTempio, M., Karp, N., Choi, M., Niestadt, D., Allen, R.: The Impact of Preoperative CTA on Microvascular Free Flap Planning and Execution. Northeastern Society of Plastic Surgeons. Charleston, S.C., September 24, 2009.

Karp, N.: 3-D Imaging of the Breast. Aesthetic Plastic Surgery: The Next Generation. New York, N.Y. December 4, 2009.

Karp, N: Updates on Zeltiq and Zerona. Hot Topics in Plastic Surgery, American Society of Plastic Surgeons, Toronto, Canada, October 1, 2010.

Karp, N: Fat Grafting and Fat Grafting to the Breast Panel Discussion. Hot Topics in Plastic Surgery, American Society of Plastic Surgeons, Toronto, Canada, October 1, 2010.

Karp, N., Quan, M., Fadl, A., Small, K., Kumar, N., Tepper, O., Choi, M.: Defining Pseudoptosis (Bottoming Out) 3 Years Following Short-Scar Medial Pedicle Reduction Mammoplasty. American Society of Plastic Surgeons, Toronto, Canada, October 4, 2010.

Karp, N.: 3D Imaging as a tool in breast reconstruction and to assess fat graft survival. Atlanta Breast Surgery Symposium. Atlanta, Georgia, January 13, 2011

Karp, N.: Short-scar vertical breast reduction made easy. Atlanta Breast Surgery Symposium. Atlanta, Georgia, January 14, 2011.

Karp, N.: Autologous Fat Transfer in Breast Reconstruction. Aesthetic Plastic Surgery/AntiAging Medicine: The Next Generation. New York, New York, June 10, 2011.

Karp, N.: Breast Augmentation tricks for revision. Northeastern Society of Plastic Surgeons. Jacksonville, Florida. October 21, 2011.

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