

CURRICULUM VITAE

Dr.med. Karl Heinz Ulrich Breuing, MD, FACS

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EDUCATION

1972 Abitur - Otto Hahn Gymnasium Dinslaken, Germany

1974 - 1980 MD-PhD Equivalent Johannes Gutenberg University Medical School,
Mainz, Germany

1980 M.D. degree, Johannes Gutenberg University Medical School, Mainz, Germany

1982 Academic title of "Doctorate of Medicine" ("Dr.med."), German PhD equivalent
awarded "Magna cum laude" after public theses defense
Johannes Gutenberg University Medical School, Mainz, Germany

POSTGRADUATE TRAINING

01/79-12/79 Rotating Internship in Medicine, Surgery and Pediatrics, City Hospital ,
Wiesbaden, Germany

01/80-12/84 Resident in Surgery, University Hospital, Medizinische Hochschule Hannover,
Hannover, Germany

01/85-12/86 Chief Resident in Surgery, University Hospital, Philipps University, Marburg,
Germany

01/91-06/94 Resident in Surgery, Brigham and Women's Hospital, Boston USA

07/94-06/95 Chief Resident in Surgery, Brigham and Women's Hospital

07/95-06/96 Junior Resident in Plastic Surgery, Brigham and Women's Hospital , Boston

08/96-06/97 Chief Resident in Plastic Surgery, Brigham and Women's Hospital, Boston

POST GRADUATE HONORS AND AWARDS

- 2001 Physician Excellence Award, Brigham and Women's Hospital, Boston
- 2002 Boston Top Doctor Award
- 2006 Elected to American Association of Academic Plastic Surgeons (AAPS)
- 2006 "Dr. Karl H. Breuing Treatment Room for HIV patients"
established by a grateful patient's family in South Africa
- 2009 Star Fish Patient Care Excellence Award, Brigham & Women's Hospital
- 2018 *Eugene Courtiss* Memorial Lecture, North Eastern Society of Plastic Surgeons

MILITARY SERVICE

- 1971-1973 Naval Academy, (Lieutenant), Flensburg-Mürvick, Germany,
- 1974-1980 Navy Medical Corps Physician (Lieutenant Commander) fulfilling military requirements during medical school

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

- 1980 German Medical License
- 1982 Emergency Medicine Physician Certificate (Germany)
- 1982 Federal EMT Exam Committee Member (Germany)
- 1987 German Board of Surgery
- 1990 ECFMG #9985 C
- 1990 FLEX #54010141
- 1991 US Medical License, Commonwealth of Massachusetts #77975
- 1996 American Board of Surgery (FACS)
- 2000 American Board of Plastic Surgery (ABPS)
- 2010 Maintenance of certification ABPS
- 2014 US Medical License, Rhode Island # MD14821
- 2013 German Board of Plastic Surgery
- 2020 Maintenance of certification ABPS

ACADEMIC APPOINTMENTS

University of Mainz, Mainz Germany

1976-1980 Research Fellow in Pharmacology, Department of Pharmacology
(as part of the German MD-PhD program equivalent)

Philipps's University Hospital, Marburg, Germany

1986-1987 Instructor in Trauma Surgery

Brigham and Women's Hospital, Boston, Massachusetts

1987-1990 Research Fellow in Surgery

1991-1996 Clinical Fellow in Surgery

Harvard Medical School, Boston, Massachusetts

1997-2002 Instructor in Surgery

2002-2008 Assistant Professor of Surgery

2009-2014 Associate Professor of Surgery

Medizinische Hochschule Hannover, Hannover, Germany

2010-2011 Visiting Professor in Plastic Surgery

The Warren Alpert Medical School of Brown University, Providence, RI

2015-present Director, Plastic Surgery Residency Program

HOSPITAL OR AFFILIATE INSTITUTION APPOINTMENTS

Philipp's University Hospital, Marburg, Germany

1986-1987 Attending in Trauma Surgery

Wound Healing Laboratory Brigham and Women's Hospital

1987-2000 Co-Founder and Inaugural Fellow

Dana Farber Cancer Institute, Boston, Massachusetts

1997-2009 Attending in Plastic Surgery

Brigham and Women's Hospital, Boston, Massachusetts

1997-2009 Attending in Plastic Surgery

1997-2008 Director, Wound Care Program, Division of Plastic Surgery

2007-2009 Director, Aesthetic Laser and Skin Care Program, Faulkner Hospital

2007-2009 Director, Division of Plastic Surgery Faulkner Hospital

Children's Hospital, Boston, Massachusetts

1997-2009 Attending in Plastic Surgery

Faulkner Hospital, Boston, Massachusetts

1998-2009 Attending in Plastic Surgery

2007-2009 Clinical Director, Brigham and Women's Plastic Surgery
2007-2009 OR Committee member

Medizinische Hochschule, Hannover, Germany
2010-2011 Attending in Plastic Surgery

Interdisciplinary Breast Center, Kliniken Essen-Mitte/Huyssen Stift, Essen, Germany
2011-2014 Director, Plastic and Reconstructive Surgery

Rhode Island Hospital, Providence, Rhode Island
2014-present Attending in Plastic Surgery

The Miriam Hospital, Providence, Rhode Island
2014-present Attending in Plastic Surgery

Women and Infants Hospital, Providence, Rhode Island
2014-present Attending in Plastic Surgery

OTHER PROFESSIONAL POSITIONS

- 1982-1987 - Instructor Emergency Medicine Personal (EMT and Paramedics)
German Red Cross (Regions Niedersachsen and Hessen)
- 1982-1987 - Federal Examiner Emergency Medicine Personal (EMT and Paramedics)
German Red Cross (Regions Niedersachsen and Hessen)
- 2009-2013 - Breuing Consulting, LLC Founder and CEO (Medical Consulting)
- Consultant:
- Soehring Inc. – facilitated FDA approval for Ultrasonic Liposuction Device
 - KCI
 - LifeCell
 - Acelity
 - Allergan
 - Mentor
 - Ethicon
 - Hydrocision
 - TelaBio
 - MEDLINE
- Advisory Boards:
- LifeCell
 - Allergan

HOSPITAL COMMITTEES

Brigham and Women's Hospital

2006-2009	Partners International Committee
2006-2007	Foxboro Specialty Clinic Planning Committee
2007-2009	Partners Online Specialty Consultations

MEMBERSHIP IN SOCIETIES

1993-2010	Massachusetts Medical Society
1994-2010	Wound Healing Society
1997-2010	European Tissue Repair Society
1997-2009	American Medical Association
2000 -	American College of Surgeons (ACS)
2001 -	American Society of Plastic and Reconstructive Surgery
2006 -	Northeastern Society of Plastic Surgeons (NESPS) 2008 Scientific Program Committee
2006 -	American Association of Plastic Surgeons (AAPS) 2007-2008 Scientific Program Committee
2008 -	American Society of Bariatric Plastic Surgery
2009 -	American Society of Aesthetic Plastic Surgery (ASAPS)
2014 -	International Society of Aesthetic Plastic Surgery (ISAPS)
2015 -	European Master in Surgical Oncology, Reconstructive and Aesthetic Breast Surgery
2016-	American Council of Academic Plastic Surgeons (ACAPS)

EDITORIAL BOARDS

2002-	Reviewer, Wound Repair and Regeneration
2006-	Reviewer, Plastic and Reconstructive Surgery
2006-	Reviewer, Annals of Plastic Surgery
2007-2010	Section Editor, Reconstruction and Microsurgery, ePlasty
2007-2014	e-section <i>Breast Reconstruction</i> for Susan G. Komen for the Cure's consumer website, <i>Understanding Breast Cancer</i> ; Collaboration with the Department of Medical Oncology, Dana Farber Cancer Institute / Harvard Medical School, Boston (http://www5.komen.org/BreastCancer/BreastReconstruction.html)
2013-	Advisory Board OA Plastic Surgery (Open Access Publishing London)
2015-	Reviewer Journal of Plastic Surgery and Hand Surgery

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Breuing KH**, Gilfrich HJ, Meinertz T, Jähnchen E. Pharmacokinetics of azapropazone following single oral and intravenous doses. *Arzneimittelforschung*. 1979;29(6):971-2.
2. Meinertz T, Just H, Kasper W, Kersting F, **Breuing KH**. Beta-blocker withdrawal syndrome? *Lancet*. 1979;1(8110):270.
3. Walterbush G, Mlasowski B, **Breuing KH**. Assessment of Femoropopliteal Graft Patency at the time of Follow-up Studies. The Particular Value of Computed Tomography. *Journal of Cardiovascular Surgery*. 1981;22:465.
4. **Breuing KH**, Gilfrich HJ, Meinertz T, Wiegand UW, Jähnchen E. Disposition of azapropazone in chronic renal and hepatic failure. *Eur J Clin Pharmacol*. 1981;20(2):147-55.
5. Jähnchen E, Blanck KJ, **Breuing KH**, Gilfrich HJ, Meinertz T, Trenk D. Plasma protein binding of azapropazone in patients with kidney and liver disease. *Br J Clin Pharmacol*. 1981;11(4):361-7.
6. Ennker J, Haubitz B, **Breuing KH**, Meyer HJ. [Diagnostic and therapeutic procedures in primary small intestinal tumors]. *Langenbecks Arch Chir*. 1985;366:545-50.
7. **Breuing KH**, Falco N, Cybulsky M, Johansen LB, Miller DR, Eriksson E. In Vivo Diffusion Across Experimental Burn Wounds Enclosed in Sealed Chambers. *J of Cell Biology*. 1988;107(6):214A
8. Miller DR, **Breuing KH**, Johansen LB, Cybulsky M, Eriksson E. Sealed Chambers for the In Situ Application of Culture Fluids to Skin Wounds in Pigs. *In Vitro*. 1989;25(3):21A.
9. Eriksson E, **Breuing KH**, Johansen LB, Miller DR. Growth factor solutions for wound treatment in pigs. *Surgical Forum*. 1989; 40:618-620.
10. Liu PY, **Breuing KH**, Eriksson E, Miller DR. Incisional wound-healing in a fluid environment. *Surgical Forum*. 1990; 49:623-626.
11. **Breuing KH**, Marikovskiy M, Liu PY, Binder T, Miller DR, Eriksson E. EGF-like growth factor present in porcine wound fluid. *Surgical Forum*. 1991; 50:623-625.
12. Eriksson E, **Breuing KH**, Liu PY, Zeckel Y, Binder T, Miller DR. In vivo cell culture accelerates re-epithelization. *Surgical Forum*. 1991; 50:670-3.
13. Vogt PM, **Breuing KH**, Liu PY, Eriksson E. Both Wet and Moist Wound Environments Accelerate Epithelialization. *Zentralblatt Haut*. 1992;161(4):264-5.

14. **Breuing KH**, Eriksson E, Liu PY, Miller DR. Healing of Partial Thickness Porcine Skin Wounds in a Liquid Environment. *Journal of Surgical Research*. 1992;52(1):50-8.
15. Marikovskiy M, **Breuing KH**, Liu PY, Eriksson E, Higashiyama S, Farber P, Sasses J, Klagsbrun M. Appearance of Heparin-Binding-EGF (HB-EGF) in Wound Fluid as a Response to Injury. *PNAS*. 1993; 90:3889-3893.
16. Eriksson E, Vogt PM, **Breuing KH**, Liu PY, Andree C, Hatzis D. Wound Healing in a Wet Environment. *Scars and Stripes*. 1993;3.
17. Vogt PM, Thompson S, Andree C, Liu PY, **Breuing KH**, Hatzis D, Brown H, Mulligan RC, Eriksson E. Genetically Modified Keratinocytes Transplanted to Wounds Reconstitute the Epidermis. *PNAS*. 1994;91(20):9307-9311.
18. Vogt PM, Andree C, **Breuing KH**, Liu PY, Slama J, Helo G, Eriksson E. Dry, Moist and Wet Skin Wound Repair. *Ann Plast Surg*. 1995; 34:493-500.
19. **Breuing KH**, Andree C, Helo G, Slama J, Liu PY, Eriksson E. Growth Factors in the Repair of Partial Thickness Porcine Skin Wounds. *Plast Reconstr Surg*. 1997;100(3):657-664.
20. Meara JG, Guo L, Smith JD, Pribaz JJ, **Breuing KH**, Orgill DP. Vacuum-assisted closure in the treatment of degloving injuries. *Ann Plast Surg*. 1999;42(6):589-94.
21. Perlyn C, Meara JG, Smith JD, **Breuing KH**, Bartlett R. Secondary reconstruction of a giant congenital lentiginous dermal nevus with serial, large-volume tissue expansion. *Ann Plast Surg*. 1999;43(5):546-50.
22. Pribaz JJ, Meara JG, Wright S, Smith JD, Stephens W, **Breuing KH**. Lip and vermilion reconstruction with the facial artery musculomucosal flap. *Plast Reconstr Surg*. 2000;105(3):864-72.
23. Butler C, Davidson C, **Breuing KH**, Pribaz J. Thermal Injuries to Free Flaps: Better Prevented Than Treated. *Plast Reconstr Surg*. 2001;107(3):809-12.
24. Vranckx JJ, Slama J, Preuss S, Perez N, Svensjo T, Visovatti S, **Breuing KH**, Bartlett R, Pribaz J, Weiss D, Eriksson E. Wet Wound Healing. *Plast Reconstr Surg*. 2002;110(7):1680-7.
25. Neuwalder JM, Sampson C, **Breuing KH**, Orgill DP. A review of computer-aided body surface area determination: SAGE II and EPRI's 3D Burn Vision. *J Burn Care Rehabil*. 2002;23(1):55-9; discussion 54.
26. Vranckx JJ, Slama J, Preuss S, Perez N, Svensjö T, Visovatti S, **Breuing KH**, Bartlett R, Pribaz J, Weiss D, Eriksson E. Wet wound healing. *Plast Reconstr Surg*. 2002;110(7):1680-7.
27. **Breuing KH**, Kaplan S, Vogt PM, Liu PY, Eriksson E. Wound Fluid and Tissue Bacterial Counts do not Correlate in Controlled Tissue Infection Porcine Partial Thickness Burns. *Plast Reconstr Surg*. 2003;111(2):781-8.

28. **Breuing KH**, Kaplan S, Liu PY, Onderdonk AB, Eriksson E. Wound fluid bacterial levels exceed tissue bacterial counts in controlled porcine partial-thickness burn infections. *Plast Reconstr Surg.* 2003;111(2):781-8.
29. Colwell AS, Kukreja J, **Breuing KH**, Lester S, Orgill DP. Occult breast carcinoma in reduction mammoplasty specimens: 14-year experience. *Plast Reconstr Surg.* 2004;113(7):1984-8.
30. **Breuing KH**, Bayer L, Neuwalder J, Orgill DP. Early experience using low-frequency ultrasound in chronic wounds. *Ann Plast Surg.* 2005;55(2):183-7.
31. **Breuing KH**, Warren SM. Immediate bilateral breast reconstruction with implants and inferolateral AlloDerm slings. *Ann Plast Surg.* 2005;55(3):232-9.
32. Gerry R, Kwei S, Bayer L, **Breuing KH**. Silver-impregnated vacuum-assisted closure in the treatment of recalcitrant venous stasis ulcers. *Ann Plast Surg.* 2007;59(1):58-62.
33. Liao EC, **Breuing KH**. Breast mound salvage using vacuum-assisted closure device as bridge to reconstruction with inferolateral AlloDerm hammock. *Ann Plast Surg.* 2007;59(2):218-24.
34. Colwell AS, **Breuing KH**. Improving Shape and Symmetry in Mastopexy with Autologous or Cadaveric Dermal Slings. *Ann Plast Surg.* 2008;61(2):138-142.
35. **Breuing KH**, Colwell AS. Inferolateral AlloDerm hammock for implant coverage in breast reconstruction. *Ann Plast Surg.* 2008;59(3):250-5.
36. Colwell AS, **Breuing KH**. Primary Nipple Reconstruction with Alloderm: Is a Dermal Flap Always Necessary? *Plast Reconstr Surg.* 2009 Nov; 124(5):260e-2e. doi: 10.1097/PRS.0b013e3181b98e42. PMID: 20009806
37. **Breuing KH**, Colwell AS. Immediate Breast Tissue Expander-Implant Reconstruction With Inferolateral Alloderm Hammock and Postoperative Radiation: A Preliminary Report. *ePlasty.* 2009;9(May):146-154.
38. Colwell AS, Driscoll D, **Breuing KH**. Mastopexy techniques after massive weight loss: an algorithmic approach and review of the literature. *Ann Plast Surg.* 2009 Jul; 63(1) 28-33. PMID: 19546668
39. **Breuing KH**, Butler CE, Ferzoco S, Franz M, Hultman CS, Kilbridge JF, Rosen M, Silverman RP, Vargo D. Incisional Ventral Hernias: Review of the Literature and Recommendations Regarding the Grading and Technique of Repair. *Surgery* 2010; 148, (3), Pages 544-558. PMID: 20304452
40. Kräemer R, Knobloch K, Lorenzen J, **Breuing KH**, Koennecker S, Rennekampff HO, Vogt PM. Severe burn injuries caused by bioethanol design fireplaces – an overview on recreational fire threats. *J Burn Care Research.* 2011 Mar-Apr; 32(2):173-177. doi: 10.1097/BCR.0b013e31820aade7. Review. PMID: 21233730

41. Kümme S, Biggs T, Kinney B, Rietjens M, Blohmer JU, Stöblen F, **Breuing KH** Rezai M. Oncological and surgical considerations in patients with breast implants – results of the 1st International Breast (Implant–) Conference, June 13th, 2009, Düsseldorf. European Journal of Cancer, 2010
42. Chun YS, Verma K, Rosen H, Lipsitz SR, **Breuing KH**, Guo L, Golshan M, Grigorian N, Eriksson E. Use of tumescent mastectomy technique as a risk factor for native breast skin flap necrosis following immediate breast reconstruction. Am J Surg. 2011 Feb; 201(2):160-5. PMID: 20409522
43. Hille U, Soergel P, Heckmann A, Hillemanns P, Vogt PM, **Breuing KH**. Erste Erfahrungen mit azellulärer porciner dermaler Matrix in der rekonstruktiven Brustchirurgie mit Implantaten. Senologie 2012 : 9 (2), Pages 106-110
44. Mirastschijski U, Kerzel C, Schnabel R, **Breuing KH**. Complete horizontal skin cell resurfacing and delayed vertical cell infiltration into porcine reconstructive tissue matrix compared to bovine collagen matrix and human dermis. Plast Reconstr Surg. 2013; 132 (4): 861-869
45. Basta MN, Liu PY, Kwan D, **Breuing KH**, Sullivan R, Jehle CC, Bass JL, Zienowicz RJ, Schmidt S. Improved Diagnostic Accuracy of Periprosthetic Breast Infection: Novel Application of the Alpha Defensin-1 Biomarker. Plast Reconstr Surg. Global Open, 2019 Nov 27;7(11): e2542. <https://doi.org/10.1097/GOX.0000000000002542> eCollection 2019 Nov. PMID: 31942317

BOOKS AND BOOK CHAPTERS

Books, Monographs, and Textbooks

1. Breuing KH. Pharmacokinetics of Azapropazone in Patients with Chronic Kidney and Liver Disease. **Thesis** : “Doktor der Medizin” Johannes Gutenberg University, Mainz, Germany; 1982.
2. Gotzen L, **Breuing KH**. Operative Technique and Results in Chronic Anteromedial/Anterolateral Rotational Instability of the Knee (Operationstechnik und Ergebnisse bei Chronischer Anteromedialer/Anterolateraler Rotationsinstabilität des Kniegelenkes). In: Bandverletzungen am Schulter-, Knie- und Sprunggelenk; Berlin. Schnetzor Verlag;1982. p. 156-166.
3. Gotzen L, Muhr M, **Breuing KH**. [Houghston's Modified Reconstructive Technique and Results in Combined Anteromedial /Anterolateral Rotational Instability of the Knee]. In: Hefte zur Unfallheilkunde (eds). 167 Berlin: Springer;1984. p. 273-279.

4. **Breuing KH**, Gotzen L. Biomechanical Investigations of the new 3.5 mm AO Cortical Screw. In: Hefte zur Unfallheilkunde (eds). 181 Berlin: Springer;1986. p. 40-46.
5. Vogt PM, **Breuing KH**, Liu PY, Binder T, Eriksson E. Both Wet and Moist Wound Environments Accelerated Cutaneous Healing. In: Wound Healing and Skin Physiology, Altmeier et al. (eds). Berlin: Springer; 1995. p. 643-646.
6. Preuss S, **Breuing KH**, Eriksson E. Cutaneous Wound Repair and Gene Transfer. In: Tissue Engineering. Lynch S, Denco R, Marx R (eds). Quintessence Publishing Co. Inc; 1998. p. 217-228.
7. Preuss S, **Breuing KH**, Eriksson E. Plastic Surgery Techniques. In: Plastic Surgery: Indications, Operations, Outcomes. Achauer B, Eriksson E, Guyuron B. (eds). Mosby, Inc.; 2000. p. 147-161.
8. Heckmann A, **Breuing KH**. Mammakarzinom, Maligne Tumoren der Brust. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 623-625.
9. Heckmann A, **Breuing KH**. Duktales Carcinoma in situ (DCIS; intraduktales Karzinom), Maligne Tumoren der Brust. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 626.
10. Heckmann A, **Breuing KH**. Klassifikation, Maligne Tumoren der Brust. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 627-629.
11. Heckmann A, **Breuing KH**. Staging und Therapiestand, Maligne Tumoren der Brust. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 630-632.
12. Heckmann A, **Breuing KH**. Therapeutisches Vorgehen beim invasiven Karzinom, Maligne Tumoren der Brust. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 632-634.
13. Gohritz A, **Breuing KH**. Wiederherstellung des Mamillen-Areola-Komplexes (MAK), Maligne Tumoren der Brust. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 643-648.
14. Handschin A, Bund T, **Breuing KH**. Mammareduktion und -augmentation. In: Praxis der Plastischen Chirurgie. Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 735-746.
15. Handschin A, Leclère FM, **Breuing KH**. Gynäkomastie. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 747-752.
16. Heckmann A, **Breuing KH**. Fehlbildungen der Mammae. In: Praxis der Plastischen Chirurgie, Vogt PM (ed). Berlin Heidelberg: Springer; 2011. p. 791-800.

17. **Breuing KH.** Woo AS (ed). Plastic Surgery Case Review: Oral Board Study Guide. 2nd ed. New York, NY: Thieme; 2020 (in press). Chapter 36, Secondary Breast Deformities (Reconstructive and Aesthetic)
18. Roussel LO, **Breuing KH.** Woo AS (ed). Plastic Surgery Case Review: Oral Board Study Guide. 2nd ed. New York, NY: Thieme; 2020 (in press). Chapter 37, Tuberos Breast Deformity/Breast Constriction
19. Basta MN, **Breuing KH.** Woo AS (ed). Plastic Surgery Case Review: Oral Board Study Guide. 2nd ed. New York, NY: Thieme; 2020 (in press). Chapter 44, Abdominal Wall Reconstruction
20. Basta MN, **Breuing KH.** Woo AS (ed). Plastic Surgery Case Review: Oral Board Study Guide. 2nd ed. New York, NY: Thieme; 2020 (in press). Chapter 45, Sternal Wound Infection Management
21. Basta MN, **Breuing KH.** Woo AS (ed). Plastic Surgery Case Review: Oral Board Study Guide. 2nd ed. New York, NY: Thieme; 2020 (in press). Chapter 46, Chest Wall Reconstruction
22. Paik A, **Breuing KH.** Woo AS (ed). Plastic Surgery Case Review: Oral Board Study Guide. 2nd ed. New York, NY: Thieme; 2020 (in press). Chapter 48, Abdominoplasty

Proceedings of Meetings

1. Gotzen L, **Breuing KH.** Operative Technique and Results in Chronic Anteromedial/Anterolateral Rotational Instability of the Knee (Operationstechnik und Ergebnisse bei Chronischer Anteromedialer/Anterolateraler Rotationsinstabilitaet des Kniegelenkes). In: Bandverletzungen am Schulter-, Knie- und Sprunggelenk; Berlin. Schnetzor Verlag;1982. p. 156-166.
2. Gotzen L, Haas N, **Breuing KH.** Plate Prebending and Oblique Leg Screw- A Biomechanical Study on the Stabilizing Effects in Plate Fixation. In: Proceedings of the 2nd International Symposium on Internal Fixation of Fractures; France: Kongressband; 1982. p. 65-70.
3. **Breuing KH,** Gotzen L, Haas N. Biomechanical Investigation of the new 3.5 mm AO Cortical Screw. In: Nijhoff E. Biomechanics: Interdisciplinary Research, Conference Book of the European Society of Biomechanics; Netherlands; 1985.
4. Gotzen L, Haas N, **Breuing KH.** Biomechanics: Interdisciplinary Research. In: Nijhoff E. Biomechanics: Interdisciplinary Research, Conference Book of the European Society of Biomechanics; Netherlands; 1985.

5. **Breuing KH**, Kesle O. Postoperative Treatment and Rehabilitation of Acute Knee Ligament Injuries (Praxis der Nachbehandlung und Rehabilitation Frischer Kapselbandlaesionen des Kniegelenkes). In: I. Marburger Unfall Seminar; Marburg, Germany: Philipps University; 1985.
6. **Breuing KH**, Stroh M. The Importance of Arthroscopy in Acute Knee Ligament Injuries (Stellenwert der Arthroskopie bei Frischen Kapselbandlaesionen des Kniegelenkes). In: I. Marburger Unfall Seminar; Marburg, Germany: Philipps University; 1985.
7. **Breuing KH**. Biologisch regenerative Matrix zur Brustrekonstruktion mit Implantaten. 30. Jahrestagung der deutschen Gesellschaft für Senologie, MedReview 10, Kongressband Wiley-Blackwell; 2010.

ABSTRACTS and PODIUM PRESENTATIONS

1. Basta MN, Jehle CC, Lui PY, **Breuing KH**. "Risk Stratification of Major Complications After Outpatient Abdominoplasty or Panniculectomy." Abstract & Podium Presentation at the American Society of Plastic Surgeons Annual Meeting, Los Angeles, CA; September 2016
2. Basta MN, Jehle CC, Avanesian B, **Breuing KH**, Lui PY, Kwan D, Sullivan R, Zienowicz RJ. "Comparing Patient Satisfaction After Implant-Based Versus Autologous Breast Reconstruction: A Meta-Analysis Using the BREAST-Q." Abstract & Podium Presentation at the American College of Surgeons Clinical Congress, Washington DC; October 2016.
3. Basta MN, Kwan D, **Breuing KH**, Liu PY, Jehle CC, Woo AS. "Head and Neck Reconstruction by Plastic Surgeons Results in Fewer Surgical Complications Compared to ENT: A Propensity- Matched Analysis of 30-Day Outcomes." Abstract & Podium Presentation at the American Association for Plastic Surgeon's Annual Meeting, Seattle, WA; April 2018
4. Sun HT, Bass J, Jehle CC, Okhah Z, Paik AM, **Breuing KH**. "Cosmetic Tourism: An Infectious Disease Burden." Abstract (#34586) & Podium Presentation at the American Society of Plastic Surgeons Annual Meeting, Chicago, IL, September 30th, 2018
5. Brower JP, Wong D, Sullivan RA, **Breuing KH**. Readability of Online Materials for Body Contouring Procedures. Presented at the American Society of Plastic Surgeons Senior Residents Conference, Chicago, IL; September 28-October 1, 2018
6. Basta MN, Kwan D, **Breuing KH**, Liu PY, Drolet BC, Schmidt S. "Improved Diagnostic Accuracy of Periprosthetic Breast Infection: Alpha-Defensin 1." Abstract (#27118) & Podium Presentation at the American Society for Reconstructive Microsurgery Annual Meeting, Palm Desert, CA; February 2019
7. Basta MN, Kwan D, **Breuing KH**, Liu PY, Drolet BC, Schmidt S. "Improved Diagnostic Accuracy of Periprosthetic Breast Infection: Alpha-Defensin 1." Podium Presentation at the Plastic Surgery Research Council's Annual Meeting, Baltimore, MD; May 2019

INVITED PRESENTATIONS

Regional

1. Reconstructive Options for Advanced Breast Cancer (Chest Wall Reconstruction). Breast Cancer Conference, Dana Farber Cancer Institute, Boston, MA; May 1998
2. Reconstructive Surgery in the Recovery Room. Massachusetts Society of Peri-Anesthesia Nurses Annual Meeting. Lahey Clinic, Burlington, MA; September 21, 2002
3. Breast Reconstruction: Options and Choices. Interdisciplinary Breast Cancer Conference, Dana Farber Cancer Institute. Boston, MA; May 14, 2004
4. Immediate Bi-planar Breast Reconstruction with Implants and Alloderm Sling. Local Surgeons Forum. Boston, MA; April 11, 2005
5. Breast Reconstruction with Implants and Alloderm Sling, a Paradigm Shift? Interdisciplinary Breast Cancer Conference, Dana Farber Cancer Institute. Boston, MA; May 25, 2005
6. Plastic Surgery after Massive Weight Loss: What are the options? Grand Rounds, Dept. of Surgery. Faulkner Hospital, Jamaica Plain, MA; 2007
7. What is New in Plastic Surgery? Grand Rounds, Dept. of Surgery, Faulkner Hospital, Jamaica Plain, MA; 2007
8. Getting the Body Back: Reshaping Surgery after Massive Weight loss. *Guest Lecturer*, Boston Surgical Society. Boston, MA; April 7th, 2008
9. Today's Breast Reconstruction: From Self to Shelf - A Paradigm Shift? *Guest Lecturer*, 25th Annual Meeting, New England Society of Plastic and Reconstructive Surgeons. Manchester Village, VT; June 6-8, 2008
10. Immediate Breast Reconstruction with Allografts and Implants. Regional Surgeons Summit. Dartmouth, NH; July 20, 2009
11. Secondary Breast Augmentation: Problem Analysis and Technical Considerations. Grand Rounds, Department of Plastic and Reconstructive Surgery, Brown University, Providence, RI; May 26, 2011
12. Ultrasonic Debridement. Workshop, When to Heal: Timing Interventions for Maximal Effectiveness. Wound Care Symposium. Alpert Medical School Brown, Lifespan/Brigham and Women's Hospital, Providence, RI; September 15, 2018

13. "Time Well Spent". Honorary *Eugene Courtiss Memorial Lecture*, Northeastern Society of Plastic Surgery Annual Meeting. Boston, MA; October 26, 2018

Invited Presentations - National

1. Disease State Management of Pressure Ulcers: What's New? Research Forum on Wound Repair, Anaheim, CA; May 7, 2000
2. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. Institute of Reconstructive Surgery, New York University School of Medicine, New York, NY; May 28, 2004
3. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. Local Surgeon's Summit. Santa Fe, NM; April 7, 2005
4. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. Local Surgeon's Summit. Branchburg, NJ; May 6, 2005
5. Wound Bed Preparation with Acellular Dermal Matrix. Local Surgeon's Summit. Branchburg, NJ; May 7, 2005
6. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. Syracuse University, Syracuse, NY; July 21, 2005
7. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. Grand Rounds, Dept. of Plastic Surgery, Cornell University, Ithaca, NY; September 19, 2005
8. Direct to Implant Reconstruction- Focus on Patient Selection and Technique for Direct to Implant. Breast Reconstruction Summit, Washington, D.C.; October 21, 2006
9. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. Local Surgeon's Summit. Buffalo, NY; 2006
10. Infero-lateral Alloderm Hammock for Implant Coverage in Breast Reconstruction. American Association of Plastic Surgeons (AAPS) , Hilton Head, SC; May 6-9, 2006
11. Plastic Surgery in the Bariatric Patient: Safety is everything. University of Mississippi, Bariatric Surgery Workshop. Amelia Island, FL; October 2006
12. Allograft Hammock Suspension for Internal Mastopexy. University of Mississippi, Bariatric Surgery Workshop. Amelia Island, FL; October 2006

13. Allograft Hernia Repair. University of Mississippi, Bariatric Surgery Workshop. Amelia Island, FL; October 2006
14. Weight Loss and Fitness Programs: Pre- and Post-operative Rehabilitation Program, University of Mississippi, Bariatric Surgery Workshop. Amelia Island, FL; October, 2006
15. Alloderm Tissue Matrix for Immediate Breast-Implant Reconstruction Following Mastectomy, Breast Reconstruction Surgeons' Forum, San Francisco, CA; May 2006
16. Breast Reconstruction with Implant and Acellular Dermal Matrix. Grand Rounds, Dept. of Plastic Surgery, University of California, Irvine, CA; 2007
17. Extended Applications of Alloderm in Breast Reconstruction. Breast Reconstruction Summit, Miami, FL; 2007
18. Application of Alloderm in Immediate and Delayed Breast Reconstruction. Breast Reconstruction Forum, Albany, NY; 2007
19. Immediate Breast Reconstruction with Silicone Implants and Alloderm. Breast Reconstruction Summit, Miami, FL; March 23, 2007
20. Immediate to Implant Reconstruction with Alloderm. Surgeon's Forum, Chicago, IL; 2007
21. Advanced Applications of Alloderm in Breast Reconstruction. Surgeon's Forum, Chicago, Illinois; 2007
22. Use of Acellular Dermal Matrix in Immediate and Delayed Breast Reconstruction. North Carolina Society of Plastic Surgeons Scientific Meeting, Asheville, NC; October, 2007
23. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. Northeastern Society of Plastic Surgeons Annual Meeting, Chicago, Illinois; November 4, 2008
24. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. Iowa Society of Plastic Surgeons Annual Meeting, September 27, 2008
25. Pre-habilitation for the Obese Patient: Preparing for a Safe Voyage. University of Mississippi, Workshop on New Techniques in Plastic Surgery, Amelia Island, FL, October 2008
26. Immediate Breast Reconstructions: With Complete Alloderm Sling. University of Mississippi, Workshop on New Techniques in Plastic Surgery, Amelia Island, FL, October 2008

27. Massive Weight Loss: Breast Lift and Augmentation. University of Mississippi, Workshop on New Techniques in Plastic Surgery, Amelia Island, FL, October 2008
28. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. Iowa Society of Plastic Surgeons Annual Meeting 2009
29. Immediate to Implant Breast Reconstruction with Allografts: Technical Considerations, Indications and Outcomes. Breast Reconstruction Summit, New York, NY; 2009
30. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. Surgeons Forum. Dallas, Texas; May 7, 2009
31. Breast Reconstruction with Allografts and Implants: Introduction of a Paradigm Shift. Local Surgeon's Forum. Omaha, NE; May 2009
32. Current Practices and Challenging Hernia Repairs. Regional Surgeons Forum. Seattle, WA; July 23, 2009
33. Breast Reconstruction with ADM and Implants: Single Stage Reconstruction. Regional Surgeons Forum. Seattle, WA; July 24, 2009
34. Technical Considerations, Indications and Outcomes. Surgeons Forum: Breast Reconstruction with Allografts and Implants. Philadelphia, PA; September 2009
35. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. *Visiting Professor*, Dept. of Plastic & Reconstructive Surgery, University of Chicago, Chicago, IL; October 14, 2009
36. Key Points in Salvage of Failed Breast Reconstruction. *Visiting Professor & Grand Rounds*. Dept. of Plastic & Reconstructive Surgery, University of Chicago, Chicago, IL; October 15, 2009
37. Breast Reconstruction with ADM. Local Surgeons Summit. Chicago, IL; October 16, 2009
38. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. Local Surgeons Forum. Tucson, AZ; January 6, 2010
39. Optimizing Aesthetic Outcomes in TE/Implant Reconstruction. Local Surgeons Forum. Phoenix, AZ; January 7, 2010
40. Secondary Breast Augmentation: Implant Selection, Site Change and Surgical Techniques. *Visiting Professor & Grand Rounds*, Dept. of Plastic Surgery, Loyola University Chicago, Chicago, Illinois; September 14, 2010
41. Optimizing Aesthetic Outcomes in TE/Implant Reconstruction. Local Surgeons Forum. Colorado Springs, CO; September 20, 2010

42. Current Practices of Challenging Hernia Repair. Regional Surgeons Forum. Anchorage, Alaska; September 21, 2010
43. Challenging Breast Reconstruction and Revision: Considerations and Techniques with Tissue Matrices. Regional Surgeons Forum. Seattle, Washington, September 22, 2010
44. Biologics in Reconstructive and Aesthetic Breast Surgery: What have we learned? Regional Surgeons Forum. Denver, Colorado; September 23, 2010
45. Breast Animation Deformities: Causalities and Treatment Options
Visiting Professor Department of Plastic Surgery, University of Rochester, Rochester NY; January 10, 2019
46. Breast Reduction/Mastopexy: Vertical vs Inverted-T Scar , Immediate vs Late Outcome
Visiting Professor Department of Plastic Surgery, University of Rochester, Rochester NY; January 11, 2019

Invited Presentations- International

1. Regenerative Aspects of Plastic Surgery. 30th Anniversary Department of Plastic Surgery, Medizinische Hochschule Hannover, Hannover, Germany; October 1, 2004
2. Low-Frequency Ultrasound Debridement Causes Disruption of Bacterial Biofilms & Restores Antibacterial Activity of Wound Antiseptic Substances in Vitro. European Wound Conference, Paris, France; June 14, 2005
3. Amplification of Antimicrobial Action by Low-Frequency Ultrasound. European Wound Conference, Co-presenter, Paris, France; June 14, 2005
4. Immediate Bi-planar Breast Reconstruction with Implant and Alloderm Sling. 31st Anniversary Department of Plastic Surgery, Medizinische Hochschule Hannover, Hannover, Germany; October, 2005
5. Application of Alloderm in Breast Reconstruction after Mastectomy. Didactics, Cadaver Lab and Live Surgery Presentation. *Visiting Professorship*, Medizinische Hochschule Hannover, Hannover, Germany; October, 2006
6. Application of Alloderm in Breast Reconstruction. Didactics, Cadaver Lab and Live Surgery Presentation. *Visiting Professorship*, Medizinische Hochschule Hannover, Hannover, Germany; October, 2006

7. Internal Mastopexy with Alloderm. Didactics, Cadaver Lab and Live Surgery Presentation. Visiting Professorship, Medizinische Hochschule Hannover, Hannover, Germany; October, 2006.
8. Extended Application of Acellular Dermal Matrix in Breast Reconstruction. LifeCell International Breast Reconstruction Summit. Munich, Germany, December 5-6, 2007
9. Breast Reconstruction with Allografts and Implants: Implications for the European Market. Regional Surgeon's Summit. Rotterdam, Netherlands; November 6, 2008
10. The Use of Acellular Dermal Biomaterials in Ventral Hernia Repair. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; November 7, 2008
11. The Use of Acellular Dermal Biomaterials in Breast Reconstruction. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; November 8, 2008
12. Key Points in Salvage of Failed Breast Reconstruction. 5th Barcelona Meeting on Perforator Flaps. Barcelona, Spain; March 4-6, 2009
13. Control of Shape in Expander Breast Reconstruction: Breast Expansion with Tissue Substitutes. 5th Barcelona Meeting on Perforator Flaps. Barcelona, Spain; March 4-6, 2009
14. Secondary Breast Augmentation: Implant selection, site change and surgical technique. 5th Barcelona Meeting on Perforator Flaps. Barcelona, Spain; March 4-6, 2009
15. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. Bioskills Lab, Medizinische Hochschule Hannover, Hannover, Germany; May 12, 2009
16. Current Practices of Challenging Hernia Repairs. Bioskills Lab. Medizinische Hochschule Hannover, Hannover, Germany; May 15, 2009
17. Die Vorteile des Einsatzes von Biomaterialien in der Plastischen Chirurgie. Grand Rounds, Department of Plastic Surgery, Medizinische Hochschule Hannover, Hannover, Germany; October 12, 2009
18. Breast Reconstruction with Allografts and Implants: Defining the Clinical Challenges. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; November 9, 2009
19. Hernia Repairs: The Battle of the Bulge. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; November 11, 2009
20. Breast Reconstruction with Allografts and Implants: Advanced Techniques. Seminar and Cadaver Lab, University of Bristol, Bristol, UK, February 15, 2010

21. Hernia Repairs: Clinical Data Review. Seminar and Cadaver Lab, University of Bristol, Bristol, UK, February 16, 2010
22. The Use of Biological Matrices in Breast Reconstruction: The US Experience. Barcelona Surgeons Forum, Barcelona, Spain; June 24-25, 2010
23. Rolle der azellulaeren dermalen Matrix in der Korrektur von Brustfehlbildungen. Annual Meeting, German Society of Senology. Hamburg, Germany; July 2, 2010
24. The Use of Biological Matrices in Breast Reconstruction: The US Experience and Data Review. Valencia Surgeons Forum. Valencia, Spain; October 20, 2010
25. The Use of Biological Matrices in Breast Reconstruction. *Grand Rounds*, Department of Senology, University Hospital Hamburg-Eppendorf, October 28, 2010
26. Indikationserweiterung zur Implantat-Rekonstruktion durch biologische Matrices. 10. Jahrestagung der Arbeitsgemeinschaft fuer Aesthetische Plastische und Wiederherstellende Operationsverfahren in der Gynaekologie, EV. (AVO-Gyn), Duesseldorf, Germany; November 3-4, 2010
27. Korrektur Chirurgie- Rekonstruktive Operationen an der Brust: Lipofilling nach Brustrekonstruktion. 10. Jahrestagung der Arbeitsgemeinschaft fuer Aesthetische Plastische und Wiederherstellende Operationsverfahren in der Gynaekologie, EV. (AVO-Gyn), Duesseldorf, Germany; November 3-4, 2010
28. Regenerative Tissue Matrix and Implant-based Breast Reconstruction: A new Reconstructive Alternative. *Visiting Professor*, Sana Kliniken Geresheim, Geresheim-Duesseldorf, Germany; November 6, 2010
29. Plastisch-Rekonstruktive Therapieverfahren: Anpassung an neue Behandlungsstrategien. Regional Surgeons Forum. Essen, Germany; December 15, 2010
30. Implant-based Breast Reconstruction: Defining the Clinical Challenges. Seminar and Cadaver Lab. University Bristol, UK; January 31, 2011
31. Implant-based Breast Reconstruction: Advanced Techniques. Seminar and Cadaver Lab. Bristol, UK; February 1, 2011
32. Use of Meshes in Abdominal Wall Repair: Clinical Data Review. Seminar and Cadaver Lab. University Bristol, UK; February 2, 2011
33. Implant-based Breast Reconstruction: Defining the Clinical Challenges. Seminar and Cadaver Lab. University Bristol, UK; March 14, 2011
34. Implant-based Breast Reconstruction: Technical Pearls. Seminar and Cadaver Lab. University Bristol, UK; March 15, 2011

35. Use of Meshes in Abdominal Wall Repair: Clinical Data Review. Seminar and Cadaver Lab. Bristol, UK; March 16, 2011
36. Brustchirurgie und Lipofilling: Better Safe than Sorry? 128. Jahrestagung der Deutschen Gesellschaft fuer Chirurgie. Munich, Germany; June 5, 2011
37. Biological Matrices in Breast Reconstruction: The US Experience. Berlin Surgeons Summit. Berlin, Germany; June 7, 2011
38. Techniken der Mastopexy bei Anlagestoerungen der Brust. 31. Jahrestagung der Deutschen Gesellschaft fuer Senologie. Dresden, Germany; June 25, 2011
39. Brustrekonstruktion im Wandel der Zeit. Open Patient Forum. Kliniken Essen-Mitte/ Huysen Stift, Essen, Germany; June 27, 2011
40. Hernia Repairs: The Battle of the Bulge. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; September 20, 2011
41. Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; September 20, 2011
42. Breast Reconstruction with Allografts and Implants: Defining the Clinical Challenges. Seminar and Cadaver Lab. University of Rotterdam, Rotterdam, Netherlands; September 21, 2011.
43. Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction. Local Surgeons Forum. Aarhus, Denmark; October 27, 2011
44. Challenging Hernia and Abdominal Wall Repair with a Biologic Mesh: Clinical Issues and data Review. Local Surgeons Forum. Aarhus, Denmark; October 27, 2011
45. Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Considerations. Barcelona Surgeons Forum. Barcelona, Spain; November 2, 2011
46. Implant-based Breast Reconstruction: Defining the Clinical Challenges. Seminar and Cadaver Lab. University Bristol, UK; November 21, 2011
47. Implant-based Breast Reconstruction: Technical Pearls. Seminar and Cadaver Lab. University Bristol, UK; November 21, 2011
48. Use of Meshes in Abdominal Wall Repair: Clinical Data Review. Seminar and Cadaver Lab. University Bristol, UK; November 22, 2011
49. Using Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and Cadaver Lab. University Bristol, UK; January 31, 2012

50. Challenging Hernia and Abdominal Wall Repair: Clinical Issues and Data Review. Seminar and Cadaver Lab. University Bristol, UK; February 1, 2012
51. Using Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and Cadaver Lab. University Bristol, UK; March 13, 2012
52. Challenging Hernia and Abdominal Wall Repair: Clinical Issues and Data Review. Seminar and Cadaver Lab. University Bristol, UK; March 14, 2012
53. Challenges in Implant-based Breast Reconstruction: Revisionary Surgical Techniques. Seminar and Cadaver Lab. University of Vienna, Vienna, Austria, April 19, 2012
54. Rekonstruktion und Brustprothese. Rhein-Ruhr Mamma Sonografie Kurs. Deutsche Gesellschaft fuer Senologie. Essen, Germany; April 29, 2012
55. Breast Reconstruction with Allografts and Implants: Technical Considerations, Applications and Outcomes. Surgical Forum, Helsinki, Finland; May 3-4, 2012
56. Matrix-basierte Brustrekonstruktion: Sinn oder Unsinn? Regional Breast Surgeons Forum. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; June 11, 2012
57. Implant-based Breast Reconstruction: How to minimize risk and manage complications. Surgical Solutions Symposium. Barcelona, Spain; June 12-13, 2012
58. Breast Revision Surgery with Strattice Tissue Matrix. Surgical Solutions Symposium. Barcelona, Spain; June 12-13, 2012
59. Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and Cadaver Lab. University of Edinburgh, Scotland; June 26, 2012
60. Challenging Hernia and Abdominal Wall Repair: Clinical Issues and Data Review. Seminar and Cadaver Lab. University of Edinburgh, Scotland; June 27, 2012
61. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; August 24, 2012
62. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; August 28, 2012
63. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; September 7, 2012
64. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; September 19, 2012
65. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; October 16, 2012

66. Challenges in Implant-based Breast Reconstruction: Strattice Tissue Matrix in Revisionary Breast Surgery. Surgeons Forum, Berlin, Germany; October 18, 2012
67. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; November 8-9, 2012
68. Netze und Gewebematrices- Gleiche Indikation, Gleiche Techniken? 11. Jahrestagung der Arbeitsgemeinschaft fuer Aesthetische Plastische und Wiederherstellende Operationsverfahren in der Gynaekologie, EV. (AVO-Gyn), Duesseldorf, Germany; November 23, 2012
69. The Use of Acellular Dermal Biomaterials in Breast Reconstruction. Seminar and Cadaver Lab. University Bristol, UK; November 26-28, 2012
70. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; December 7-8, 2012
71. Neue Behandlungskonzepte der Rekonstruktiven Brustchirurgie. Gynäkologische Onkologie Tagung, Recklinghausen, Germany; January 26, 2013
72. The Use of Acellular Dermal Biomaterials in Breast Reconstruction. Seminar and Cadaver Lab. University Bristol, UK; March 11-12, 2013
73. The Role of Biomaterials and New Technology in Breast Reconstruction: the Use of Porcine Dermal Matrix- the longest experience in Europe. 1st Barcelona Breast Meeting, Hospital de la Santa Creu, University of Barcelona, Barcelona, Spain; March 13-16, 2013
74. Management of Complications: Revisional Breast Surgery with ADM. 1st International Breast Symposium Düsseldorf (IBSD), Düsseldorf, Germany; April 19-20, 2013
75. Risk Reducing Mastectomy and Reconstruction in High Risk Patients: Primary Reconstruction with Implants plus Strattice. 1st International Breast Symposium Düsseldorf (IBSD), Düsseldorf, Germany; April 19-20, 2013
76. Risk Reducing Mastectomy and Reconstruction in High Risk Patients: My most difficult Case. 1st International Breast Symposium Düsseldorf (IBSD), Düsseldorf, Germany; April 19-20, 2013
77. Master Class Series for Breast Surgeons. Lecture Series/5 Presentations and Live-Surgery Preceptorship. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; May 24, 2013
78. Aesthetische und Rekonstruktive Mammachirurgie mit Gewebematrix: Was hat sich bewaehrt? Symposium Rekonstruktive Chirurgie. Jahrestagung, Ernst von Bergmann Krankenhaus, Klinik fuer Plastische, Aesthetische und Rekonstruktive Mikrochirurgie. Potsdam, Germany; June 22, 2013
79. Netze und Gewebe Matrices: Gleiche Indikation, Gleiche Technik? 33. Jahrestagung

- Deutsche Gesellschaft fuer Senologie. Munich, Germany; June 27-29, 2013
80. Warum Welche Matrix? Strattice Gewebematrix in der Mamma-Revisionschirurgie. 33. Jahrestagung Deutsche Gesellschaft fuer Senologie. Munich, Germany; June 27-29, 2013
 81. Prothetische Rekonstruktion der weiblichen Brust- und Eigenfett- Transplantation, Internationales Oldenburger Symposium für Plastische Chirurgie und Handchirurgie, Oldenburg, Germany; August 26, 2013
 82. Implant-based Breast Reconstruction with Acellular Dermal Matrix. Presentation and Live Surgery Workshop for Breast Reconstruction, Frauenklinik Gesundheitszentrum Fricktal, Rheinfelden, Schwitzerland; October 25, 2013
 83. Acellular Dermal Matrix in Revisionary Breast Surgery. Seminar and Cadaver Lab for EU-Participants. University Bristol, UK; November 26, 2013
 84. What's New in Breast Reconstruction? Acellular Dermal Matrices: Applications in Breast Surgery. Presentations and Live Surgery. 22nd Esser Course Erasmus University, Rotterdam, Netherlands; January 11, 2014
 85. Radiotherapy after Breast Reconstruction using ADM. Presentations and Live Surgery. 22nd Esser Course Erasmus University, Rotterdam, Netherlands; January 12, 2014
 86. Treatment Concepts in Reconstructive Breast Surgery. 2nd Annual Engelsburg Meeting, Gynecological Oncology and Senology, Recklinghausen, Germany; February 15, 2014
 87. ADM in Breast Reconstruction: Surgical Technique or Therapeutic Concept? Acellular Dermal Matrices in Oncologic Breast Surgery, 1. Interdisciplinary Course and Cadaver Lab, University of Graz, Austria; March 10-12, 2014
 88. Implant-based Breast Reconstruction with Acellular Dermal Matrix. Acellular Dermal Matrices in Oncologic Breast Surgery, 1. Interdisciplinary Course and Cadaver Lab, University of Graz, Austria; March 10-12, 2014
 89. Acellular Dermal Matrices in Breast Surgery: A Novel Technique or a Therapeutic Concept? 5th Interdisciplinary Breast Workshop, Presentation and Live Surgery Course. Breast Center Köln-Holweide, Cologne, Germany; March 13-14, 2014
 90. Mastectomy with Immediate Reconstruction: Alloplastic with Strattice. 2nd International Breast Symposium Düsseldorf (IBSD), Düsseldorf, Germany; April 4-5, 2014
 91. Management of Complications in Reconstructive Breast Surgery: Cases I wish I'd never done. 2nd International Breast Symposium Düsseldorf (IBSD), Düsseldorf, Germany; April 4-5, 2014

92. Malen nach Zahlen: Preoperative Marking in Breast Surgery. First Annual Master of Disaster Symposium: Treating Complications in Gynecological & Breast Surgery. Kliniken Essen-Mitte/Huysen Stift, Essen, Germany; May 8-9, 2014
93. Secondary Wound Healing in Breast Surgery: Treatment Concepts. First Annual Master of Disaster Symposium: Treating Complications in Gynecological & Breast Surgery. Kliniken Essen-Mitte/Huysen Stift, Essen, Germany; May 8-9, 2014
94. Implant-based Breast Reconstruction with Acellular Dermal Matrix. XIV. Spring Academy German Society of Aesthetic Plastic Surgeons (VDÄPC), Frankfurt, Germany; May 10, 2014
95. Choosing the Right Prosthesis in one stage Implant Reconstruction. First Rome Breast Surgery Symposium: Critical Choices in Breast Reconstruction. Rome, Italy; June 4-6, 2014
96. Alloplastic Meshes: an alternative to ADM? First Rome Breast Surgery Symposium: Critical Choices in Breast Reconstruction. Rome, Italy; June 4-6, 2014
97. "Jumping Breast" Phenomenon. First Rome Breast Surgery Symposium: Critical Choices in Breast Reconstruction. Rome, Italy; June 4-6, 2014
98. ADM & Mesh supported Implant Reconstruction: Surgical technique or therapeutic concept? 34th Annual Meeting Symposium, German Society of Senology, Berlin, Germany; June 18-21, 2014
99. FOCUS BREAST: Autologous Fat Transplantation in primary and secondary breast surgery. Aesthetic & Anti-Aging Medicine, European Congress (AMEC DACH). Berlin, Germany; June 20-21, 2014
100. Longevity in Breast Reduction and Mastopexy: The use of synthetic mesh. London Breast Meeting: Controversies and Advances in Aesthetic and Reconstructive Breast Surgery. Royal College of Surgeons, London, United Kingdom; September 4-6, 2014
101. Tips, Tricks and Pearls in Aesthetic Breast Surgery: My mastopexy / breast reduction Technique. London Breast Meeting: Controversies and Advances in Aesthetic and Reconstructive Breast Surgery. Royal College of Surgeons, London, United Kingdom; September 4-6, 2014
102. Möglichkeiten des Lipofillings in der Rekonstruktiven Brustchirurgie. 6th Interdisciplinary Operative Workshop, Breast Reconstruction. Breast Center Köln-Holweide, Cologne, Germany; September 18-19, 2014
103. Choosing the Right Prosthesis in One Stage Breast Reconstruction. Italian Society of Plastic Surgeons Annual Meeting, Bergamo, Italy; October 13-15, 2014

104. Alloplastic Meshes: an effective alternative to ADM? Italian Society of Plastic Surgeons, Annual Meeting, Bergamo, Italy; October 13-15, 2014
105. "Jumping Breast" Deformities: Etiology, Treatment and Prevention. Italian Society of Plastic Surgeons, Annual Meeting, Bergamo, Italy; October 13-15, 2014
106. Acellular Dermal Matrices/Regenerative Tissue Matrix: Medical Device or Therapeutic Concept? Make Better- A Summit for Healthcare Innovation. Acelyty. Rome, Italy; November 6-8, 2014
107. Implantate und Netze in der Mamma Chirurgie. Acellular Dermal Matrices in Oncologic Breast Surgery, 2. Interdisciplinary Course and Cadaver Workshop, University of Graz, Austria; March 8-11, 2015
108. Review of ADM & Meshes for Breast Reconstruction. Innovative Approaches In Breast Surgery: From Issue to Solution. Acelyty Healthcare Innovation Summit, Rome, Italy; March 19-21, 2015
109. Direct to Implant versus 2 Stage Reconstruction: Patient Selection. Innovative Approaches In Breast Surgery: From Issue to Solution. Acelyty Healthcare Innovation Summit Rome, Italy; March 19-21, 2015
110. Direct to Implant versus 2 Stage Reconstruction: What is the Future? Innovative Approaches In Breast Surgery: From Issue to Solution. Acelyty Healthcare Innovation Summit Rome, Italy; March 19-21, 2015
111. ADM & Radiotherapy. Innovative Approaches In Breast Surgery: From Issue to Solution. Acelyty Healthcare Innovation Summit, Rome, Italy; March 19-21, 2015
112. Acellular dermal Matrices. Presentation and Live Surgery 1st International Paris Breast Rendez-Vous, Gustave Roussy Cancer Center, Paris, France; March 26-28, 2015
113. Matrixes and Meshes in Aesthetic Breast Surgery. 1st International Paris Breast Rendez-Vous, Gustave Roussy Cancer Center, Paris, France; March 26-28, 2015
114. Sponsor's Symposium: Acellular Dermal Matrices. 1st International Paris Breast Rendez-Vous, Gustave Roussy Cancer Center, Paris, France; March 26-28, 2015
115. Direct to Implant: Strattice Reconstruction. Grand Rounds Presentation, Department of Plastic Surgery, Rigshospitalet, Copenhagen, Denmark; September 10, 2015
116. Direct to Implant: Strattice Reconstruction. Grand Rounds Presentation and Interactive Workshop, Department of Plastic Surgery, Skien Hospital, Skien, Norway; Sept 11, 2015

117. Direct to implant reconstruction using ADMs: Do variations in technique have different Indications? Norwegian Surgical Societies Annual Meeting, Oslo, Norway; October 19-23, 2015
118. Breast Animation Deformities (BAD): Causalities and treatment options. Norwegian Surgical Societies Annual Meeting, Oslo, Norway; October 19-23, 2015
119. Vertical vs inverted T-scar: immediate vs late outcome. Reconstruction and Aesthetic Breast Surgery: Preventing Complications and Treating unsatisfactory results. Rome Breast Surgery Symposium, Rome, Italy; June 8-10, 2016
120. Indications for the Direct to Implant Approach. Reconstruction and Aesthetic Breast Surgery: Preventing Complications and Treating unsatisfactory results. Rome Breast Surgery Symposium, Rome, Italy; June 8-10, 2016
121. ADM: Biological Differences and their use. Rome Breast Surgery Symposium, Reconstruction and Aesthetic Breast Surgery: Preventing Complications and Treating unsatisfactory results. Rome, Italy; June 8-10, 2016
122. Direct to Implant versus 2 Stage Reconstruction. Reconstruction and Aesthetic Breast Surgery: Preventing Complications and Treating unsatisfactory results. Rome Breast Surgery Symposium, Rome, Italy; June 8-10, 2016
123. The Revisional Breast: The actual role of ADM / Meshes. Reconstruction and Aesthetic Breast Surgery: Preventing Complications and Treating unsatisfactory results. Rome Breast Surgery Symposium, Rome, Italy; June 8-10, 2016
124. Master Class: How to improve your aesthetic results in plastic surgery. 1st International Summer Symposium on State of the Art and Upcoming Innovations. Medizinische Hochschule Hannover, Hannover, Germany; May 25-26, 2018
125. Do ADMs save the aesthetic results in the long run? 1st International Summer Symposium on State of the Art and Upcoming Innovations. Medizinische Hochschule Hannover, Hannover, Germany; May 25-26, 2018

International Cadaver Labs and Live Surgery Courses

1. Application of Alloderm in Breast Reconstruction: Didactics, **Cadaver Lab and Live Surgery** Presentation. *Visiting Professorship*, Medizinische Hochschule Hannover, Hannover, Germany; October, 2006 *(52 participants)*
2. The Use of Acellular Dermal Biomaterials in Ventral Hernia Repair. Seminar and **Cadaver Lab**. University of Rotterdam, Rotterdam, Netherlands; November 7, 2008 *(35 participants)*

3. The Use of Acellular Dermal Biomaterials in Breast Reconstruction. Seminar and **Cadaver Lab**. University of Rotterdam, Rotterdam, Netherlands; November 8, 2008
(35 participants)
4. Breast Reconstruction with Allografts and Implants: Technical Considerations, Indications and Outcomes. **Bioskills Cadaver Lab**, Medizinische Hochschule Hannover, Hannover, Germany; May 12, 2009. (35 participants)
5. Current Practices of Challenging Hernia Repairs. **Bioskills Cadaver Lab**. Medizinische Hochschule Hannover, Hannover, Germany; May 15, 2009 (35 participants)
6. Breast Reconstruction with Allografts and Implants: Defining the Clinical Challenges. Seminar and **Cadaver Lab**. Erasmus University of Rotterdam, Rotterdam, Netherlands; November 9, 2009. (35 participants)
7. Hernia Repairs: The Battle of the Bulge. Seminar and **Cadaver Lab**. Erasmus University of Rotterdam, Rotterdam, Netherlands; November 11, 2009. (35 participants)
8. Breast Reconstruction with Allografts and Implants: Advanced Techniques. Seminar and **Cadaver Lab**, University of Bristol, Bristol, UK, February 15, 2010 (35 participants)
9. Hernia Repairs: Clinical Data Review. Seminar and **Cadaver Lab**, University of Bristol, Bristol, UK, February 16, 2010. (35 participants)
10. Implant-based Breast Reconstruction: Advanced Techniques. Seminar and **Cadaver Lab**. Bristol, UK; February 1, 2011. (35 participants)
11. Use of Meshes in Abdominal Wall Repair: Clinical Data Review. Seminar and **Cadaver Lab**. University of Bristol, UK; February 2, 2011 (35 participants)
12. Implant-based Breast Reconstruction: Technical Pearls. Seminar and **Cadaver Lab**. University of Bristol, UK; March 15, 2011 (35 participants)
13. Use of Meshes in Abdominal Wall Repair: Clinical Data Review. Seminar and **Cadaver Lab**. University of Bristol, UK; March 16, 2011 (35 participants)
14. Hernia Repairs: The Battle of the Bulge. Seminar and **Cadaver Lab**. Erasmus University of Rotterdam, Rotterdam, Netherlands; September 21, 2011. (35 participants)
15. Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and **Cadaver Lab**. Erasmus University of Rotterdam, Rotterdam, Netherlands; September 20, 2011. (35 participants)
16. Implant-based Breast Reconstruction: Technical Pearls. Seminar and **Cadaver Lab**. University of Bristol, UK; November 21, 2011 (35 participants)

17. Use of Meshes in Abdominal Wall Repair: Clinical Data Review. Seminar and **Cadaver Lab**. University of Bristol, UK; November 22, 2011 *(35 participants)*
18. Using Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and **Cadaver Lab**. University of Bristol, UK; January 31, 2012 *(35 participants)*
19. Challenging Hernia and Abdominal Wall Repair: Clinical Issues and Data Review. Seminar and **Cadaver Lab**. University of Bristol, UK; February 1, 2012 *(35 participants)*
20. Using Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and **Cadaver Lab**. University of Bristol, UK; March 13, 2012 *(35 participants)*
21. Challenging Hernia and Abdominal Wall Repair: Clinical Issues and Data Review. Seminar and **Cadaver Lab**. University of Bristol, UK; March 14, 2012 *(35 participants)*
22. Challenges in Implant-based Breast Reconstruction: Revisionary Surgical Techniques. Seminar and **Cadaver Lab**. University of Vienna, Vienna, Austria, April 19, 2012 *(50 participants)*
23. Strattice Reconstructive Tissue Matrix in Implant-based Breast Reconstruction: Technical Pearls. Seminar and **Cadaver Lab**. University of Edinburgh, Scotland; June 26, 2012 *(35 participants)*
24. Challenging Hernia and Abdominal Wall Repair: Clinical Issues and Data Review. Seminar and **Cadaver Lab**. University of Edinburgh, Scotland; June 27, 2012 *(35 participants)*
25. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; August 24, 2012 *(7 participants)*
26. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; August 28, 2012 *(7 participants)*
27. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; September 7, 2012 *(7 participants)*
28. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; September 19, 2012 *(7 participants)*

29. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; October 16, 2012. *(7 participants)*

30. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; November 8-9, 2012 *(7 participants)*

31. The Use of Acellular Dermal Biomaterials in Breast Reconstruction. Seminar and **Cadaver Lab**. University of Bristol, UK; November 26-28, 2012. *(35 participants)*

32. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; December 7-8, 2012 *(7 participants)*

33. The Use of Acellular Dermal Biomaterials in Breast Reconstruction. Seminar and **Cadaver Lab**. University of Bristol, UK; March 11-12, 2013. *(35 participants)*

34. **Master Class** Series for Breast Surgeons. Lecture Series/5 Presentations and **Live-Surgery Preceptorship**. Kliniken Essen-Mitte/Huyssen Stift. Essen, Germany; May 24, 2013 *(7 participants)*

35. Implant-based Breast Reconstruction with Acellular Dermal Matrix. Presentation and **Live Surgery Workshop** for Breast Reconstruction, Frauenklinik Gesundheits-Zentrum Fricktal, Rheinfelden, Switzerland; October 25, 2013. *(15 participants)*

36. Acellular Dermal Matrix in Revisionary Breast Surgery. Seminar and **Cadaver Lab** for EU-Participants. University of Bristol, UK; November 26, 2013 *(35 participants)*

37. What's New in Breast Reconstruction? Acellular Dermal Matrices: Applications in Breast Surgery. Presentations and **Live Surgery** (video). 22nd ESSER Course Erasmus University, Rotterdam, Netherlands; January 11, 2014. *(150 participants)*

38. Implant-based Breast Reconstruction with Acellular Dermal Matrix. Acellular Dermal Matrices in Oncologic Breast Surgery, 1. Interdisciplinary Course and **Cadaver Lab**, University of Graz, Austria; March 10-12, 2014 *(35 participants)*

39. Acellular Dermal Matrices in Breast Surgery: a Novel Technique or a Therapeutic Concept? 5th Interdisciplinary Breast Workshop, Presentation and **Live Surgery** Course. Breast Center Köln-Holweide, Cologne, Germany; March 13-14, 2014 *(25 participants)*

40. Möglichkeiten des Lipofillings in der Rekonstruktiven Brustchirurgie. 6th Interdisciplinary **Operative Workshop**, Breast Reconstruction. Breast Center Köln-Holweide, Cologne, Germany; September 18-19, 2014 *(25 participants)*

41. Implantate und Netze in der Mamma Chirurgie. Acellular Dermal Matrices in Oncologic Breast Surgery, 2. Interdisciplinary Course and **Cadaver Workshop**, University of Graz, Austria; March 8-11, 2015. *(50 participants)*
42. Acellular dermal Matrices. Presentation at 1st International Paris Breast Rendez-Vous, and 2 days of **Live Surgery** as *Visiting Professor at Gustave Roussy Cancer Center*, Paris, France; March 26-28, 2015
(15 participants)

GRANTS

2002-2004	Investigator, KCI USA, 2002-P-000699, BWH, A Randomized Controlled Multicenter Trial of Vacuum Assisted Closure Therapy in the Treatment and Blinded Evaluation of Open Chest Wounds
2002-2004	Investigator, KCI USA, 2002-P-000826, MGH, A Prospective Randomized Trial of Vacuum Assisted Closure versus the Healthpoint System in Chronic Non-healing Wounds
2002-2004	Investigator, KCI USA, 2002-P-000700, BWH, A Randomized Controlled Multicenter Trial of Vacuum Assisted Closure Therapy in the Treatment and Blinded Evaluation of Open Abdominal Wounds
2013-2016	Principal Investigator LifeCell EMEA, Protocol No. LFC 2012.06.01 ESSBR-Study (Effectiveness of Single Stage Breast Reconstruction) Multinational Multicenter Trial
2020-	Allergan's Artia STUDY for Two Stage Breast Reconstruction Protocol #(1979-701-007) MultiCenter Trial

Report of Other (Non-Funded) Activities

Consultant	Extended clinical experience and application of Vacuum Assisted Closure Device (for wounds such as open chest, contaminated abdominal wounds, open extremity fractures, large skin avulsions with respect to replantation)
Site Investigator	Characterization of the Human Skin-Associated T-Cell Population IRB # 1999-P-001527 FLK
P.I.	Molecular Mechanisms for Keloid Formation IRB # 2000-P-000007/1 BWH
P.I.	McGhan Medical Corporation Silicone-Filled Breast Implant Adjunct Study, IRB# 2002P002026 BWH and FLK
Co-P.I.	Breast Reconstruction and Augmentation with Brava Enhanced

Autologous Fat Micro Grafting IRB# 2004-02

Consultant	Development and Clinical Application of a fluid-pressurized debridement tool for the treatment of infected and colonized open wounds with VersaJet (Smith and Nephew)
P.I.	Mentor Corporation Adjunct Study for Silicone Gel-Filled Mammary Prostheses, IRB# 2005P001759 BWH and FLK
P.I.	Inamed Corporation Style 410 Silicone-Filled Implant Continued Access Reconstruction/Revision Expansion (CARE) Clinical Study
Co-P.I.	Postmastectomy Radiation Therapy Combined with Immediate Reconstruction with a Tissue Expander and AlloDerm
Co-P.I.	Outcome Investigation of Saline and Silicone Breast Prosthetic Devices in Cosmetic and Reconstructive Applications
P.I.	Allergan's Artia STUDY for Two Stage Breast Reconstruction Protocol #(1979-701-007) MultiCenter Trial
Co-P.I.	Investigations into the regenerative capacity of adipose-derived stem cells, IRBNet # 1327576 Rhode Island Hospital/Miriam Hospital

TEACHING, ADVISING and MENTORING ROLES

UNIVERSITY TEACHING

- Harvard Medical School

Wound Healing Laboratory Brigham and Women's Hospital

1987-2000 Cofounder and Inaugural Fellow

- **Harvard Medical School: "Courses"**

2000-2009 Introduction to Clinical Medicine (monthly 4-5 students)

2007 *Plastic surgery options post bariatric surgery.* Brigham & Women's Hospital Department of Surgery Seminar for BWH primary care providers

- **Harvard Medical School: “Center of Excellence Series“**

- 1998 Use of Vacuum Assisted Closure Device System in Clinical Practice, Massachusetts General Hospital
- 1999 Use of Vacuum Assisted Closure Device, Lahey Clinic Medical Center
- 2003 What’s New in Wound Care? *Grand Rounds*, Department of Surgery, Brigham & Women’s Hospital, January 26, 2003
- 2007 Lecturer, Options for Breast Reconstruction, Brigham and Women's Hospital.
- 2007 Lecturer, Plastic Surgery and Body Contouring, Brigham and Women's Hospital

- **Faulkner Hospital Seminars**

- 2007 Plastic surgery after massive weight loss: What are the options? House Staff
- 2007 What is new in plastic surgery? A Course for Primary Care Providers
- 2007 Bariatric Surgery Essentials: A Course for Primary Care Providers
Lecturer: 150 participants

- **Brown University – Warren Alpert Medical School**

October 2016 “The Ethics of Plastic Surgery“ Lecture to 1st year Medical Students

- **Brown University – Plastic Surgery Residency Program**

- 2016 – 2019 **Complications** Case Conference
(Residents and available faculty, alternating every other Thursday)
- 2016 – 2019 **Indications** Case Conference
(Residents and available faculty, alternating every other Thursday)
- 2020 – **Indications-Complications** Case Conference
(Residents and available faculty, alternating every other Wednesday 9-10 a.m.)
- 2016 – **Grand Rounds**
(Residents and available faculty every Wednesday mornings 7- 8 a.m.)

HOSPITAL TEACHING

- **Brigham and Women's – Faulkner Hospital, Boston, MA**

2007-2009 Director, Aesthetic Laser and Skin Care Program,
Division of Plastic Surgery Faulkner Hospital

2007-2009 Combined plastic surgery residency program: Core curriculum and Journal club
(monthly residents and faculty)

2007 Educational Programs for Nursing Staff
"Cutting Edge Inside and Out"
"Plastic surgery after massive weight loss. What are the options?"

- **Rhode Island Hospital, Providence, RI**

2016 Body Contouring: Pitfalls and Pearls of Plastic Surgery after Massive Weight Loss.
Grand Rounds, Department of Plastic and Reconstructive Surgery.
March 3, 2016

2018 New Technologies. Lunch and Learn Presentation, Lifespan Laser and Aesthetic
Surgery Center. February 1, 2018

PATIENT EDUCATION

2015 Creation of Patient education website – use of animation to explain and
illustrate common plastic and reconstructive surgical procedures
www.drbreuing.com

TEACHING, ADVISING and MENTORING ROLES

Wound Healing Laboratory BWH

1987-2000 **Mentees**

- **Paul Y. Liu MD**
Professor of Surgery Brown University Medical School,
Chairman Department of Plastic Surgery,
Rhode Island Hospital, Providence, RI

- **Stephan Preuss MD**

Plastic & Reconstructive Surgeon, Guatemala City, Guatemala

- **Peter M. Vogt MD, PhD**

Professor and Chair, Klinik für Plastische, Ästhetische, Hand- und Wiederherstellungschirurgie
Medizinische Hochschule Hannover, Germany

- **Christoph Andree MD, PhD**

Professor & Chair Plastic & Aesthetic Surgery,
Sana Klinikum, Duesseldorf-Geresheim, Germany

- **Bohdan Pomahac MD**

Professor of Surgery Harvard Medical School ,
Director, Plastic Surgery Transplantation Program, BWH, Boston, MA

- **Jaromir Slama MD**

Assistant Professor of Surgery Boston University School of Medicine
Chief, Division of Plastic Surgery

Harvard Plastic Surgery Training Program

2000-2010 **Mentees**

- **John G. Meara MD, DMD, MBA** Class of 2000

Professor of Surgery Harvard Medical School ,
Kletjian Professor of Global Surgery Harvard Medical School
Plastic Surgeon in Chief Division of Plastic Surgery
Children's Hospital Boston

- **Stephan Preuss MD** (International fellow – 2000-2002)
Plastic & Reconstructive Surgeon, Guatemala City, Guatemala

- **Christine H. Rhode MD, MPH** (HMS2 2000)

Associate Professor of Surgery Columbia University
Chief of Microvascular Services, Columbia University, NY, NY

- **William G. Austen, Jr. MD** Class of 2002

Professor of Surgery Harvard Medical School
Chief, Division of Plastic Surgery, MGH, Boston MA
Chief, Division of Burn Surgery, MGH, Boston, MA

- **J. Peter Rubin MD** Class of 2002
UPMC Endowed Professor and Chair of Plastic Surgery
Director, UPMC Wound Healing Services
Professor of Bioengineering University of Pittsburgh, PA
- **Brian Labow MD** Class of 2003
Associate Professor of Surgery Harvard Medical School
Director Adolescent Breast Clinic, Children’s Hospital Boston
- **Bohdan Pomahac MD** Class of 2004
Professor of Surgery Harvard Medical School
Director Plastic Surgery Transplantation Program, BWH, Boston, MA
- **Yoon S. Chun MD** Class of 2005
Associate Professor of Surgery Harvard Medical School
Director Reconstructive and Aesthetic Breast Surgery BWH-Faulkner
Hospital, Boston
- **Jaromir Slama MD** Class of 2005
Assistant Professor of Surgery Boston University School of Medicine
Chief, Division of Plastic Surgery
- **Lifei Guo MD, PhD** Class of 2005
Associate Professor of Surgery, Tufts University School of Medicine
Assistant Professor, Harvard Medical School
Chair, Department of Plastic Surgery,
Lahey Clinic, Burlington, MA
- **Arin Green MD** Class of 2006
Professor of Surgery Harvard Medical School
Chair, Vascular Anomaly and Pediatric Plastic Surgery
Children’s Hospital Boston
- **Amir Taghinia MD** Class of 2007
Assistant Professor of Surgery Harvard Medical School
Children’s Hospital Boston
- **Evan S. Garfein MD** Class of 2007
Associate Professor of Surgery Albert Einstein College of Medicine
Chief, Division of Plastic and Reconstructive Surgery
Montefiore Einstein Hospital ,New York

- **Stephanie A. Catterson MD** 2007 (joined faculty)
Assistant Professor of surgery Harvard Medical School
 Director of Perforator Flap Breast Reconstruction Program
 Brigham and Women's Hospital Boston
 As of 2019 General and Plastic Surgeon,
 ChristianaCare Health System, Newark, DE
- **Eric Liao MD, PhD** Class of 2008
Associate Professor of Surgery Harvard Medical School
 Director of Cleft and Cranio Facial Center
 Center for Regenerative Medicine and Stem Cell Institute
 Massachusetts General Hospital , Boston
- **Amy S. Colwell MD** Class of 2008
Associate Professor of Surgery Harvard Medical School
 Director, Medical Quality, Division of Plastic Surgery, MGH, Boston
- **Edward J. Catterson MD, PhD** Class of 2009
Assistant Professor of Surgery Harvard Medical School
 Director of Craniofacial Surgery
 Brigham and Women's Hospital , Boston
 Since 2019 Chief , Division of Plastic Surgery Nemours/Alfred I. du Pont
 Hospital for Children, Wilmington, DE
- **Evan Matros MD, MMSc** Class of 2009
 Plastic & Reconstructive Surgeon,
 Director, Microsurgery Fellowship program
 Memorial Sloan Kettering, NY
- **Simon Talbot MD** Class of 2010
Associate Professor of Surgery Harvard Medical School,
 Director, Upper Extremity Transplant Program, BWH, Boston

Medizinische Hochschule Hannover (Germany)

2010-2011 **Mentees**

- **Marc Busche MD, PhD**
Professor of Surgery Medizinische Hochschule Hannover (tenured)
 Chief Department of Plastic, Aesthetic & Reconstructive Surgery,
 Leverkusen, Germany

- **Karsten Knobloch MD**

Professor of Surgery Medizinische Hochschule Hannover (tenured)
Praxis for Sportsmedicine & Hand Surgery, Hannover, Germany

- **Ursula Mirastschijski MD**

Professor of Surgery University Bremen
Consultant Department of Plastic Surgery and Reconstructive Surgery
Kliniken Bremen-Mitte, Germany
Director Wound Repair Unit -Center for Biomolecular Interactions,
University Bremen, Germany

- **Christian Herold MD,**

Professor of Surgery Medizinische Hochschule Hannover (tenured)
Plastic, Aesthetic & Reconstructive Surgeon, Bremen, Germany

- **Andreas Steiert MD, PD**

Professor of Surgery Medizinische Hochschule Hannover (tenured)
Plastic, Aesthetic & Reconstructive Surgeon, Berlin, Germany

- **Andreas Jukoszies, MD, PhD**

Professor of Surgery Medizinische Hochschule Hannover (tenured).
Vice-Chair / Leitender Oberarzt Klinik für Plastische, Ästhetische, Hand-
und Wiederherstellungschirurgie,
Medizinische Hochschule Hannover, Germany

Kliniken Essen-Mitte Interdisziplinäres Brust Zentrum (Germany)

2011-2014 **Mentees**

- **Marc Busche MD, PhD**

Professor of Surgery Medizinische Hochschule Hannover (tenured)
Chief Department of Plastic, Aesthetic & Reconstructive Surgery,
Leverkusen, Germany

Brown University Plastic Surgery Training Program

2014 –2020 **Mentees**

- **Sarah Frommer MD**

Class of 2016

Attending in Plastic Surgery, Texas Children's Hospital, Austin, Texas

- **Karen Leong MD**

Class of 2016

Plastic & Aesthetic Surgeon, Newport Beach, CA

•**Adnan Prsic MD** Class of 2017
Assistant Professor of Surgery (Plastic), Yale School of Medicine,
Hand Surgeon, Plastic and Reconstructive Surgeon, Yale Medicine,
New Haven, CT

Bella K. Avanesian MD Class of 2017
Assistant Professor of Plastic and Reconstructive Surgery Specializing
in Transgender Surgery, Mount Sinai, NY

Jonathan Bass MD Class of 2018
Clinical Assistant Professor NYU Grossman School of Medicine,
Hansjorg Wyss Department of Plastic Surgery, New York, NY

• **Sun T. Hsieh MD** Class of 2018
Assistant Professor of Surgery University of Minnesota
Division of Plastic & Reconstructive Surgery, Minneapolis, MN

• **Jonathan Brower MD** Class of 2019
Fellow, Life After Weight Loss/Body Contouring Program,
University of Pittsburgh, Pittsburgh, PA

• **Zachary L. Okha MD** Class of 2019
Aesthetic Plastic Surgery Miami

• **Elisabeth Kiwanuka MD, PhD** Class of 2020
As of July 2020 Microsurgical Fellowship
Memorial Sloan Kettering, NY

• **Angie Paik MD** Class of 2020
As of July 2020 Microsurgery & Hand Fellowship
Bunke Clinic University of California Davis, San Francisco

Visiting international Sub-Interns

2016	• Mario Wirth MD	University Tübingen, Germany
2017	• Niels C. Nüssle MD	University Tübingen, Germany
2018	• Lukas Feil MD	University Tübingen, Germany