

## **Z. PAUL LORENC, MD, FACS**

### **CURRICULUM VITAE**

**1990 to Present:** Private Practice Aesthetic Plastic Surgery  
983 Park Avenue  
New York, NY 10028

### **EDUCATION:**

1972 to 1975 State University of New York at Stony Brook  
Awarded Bachelor's Degree in Chemistry with Honors

1977 to 1981 Albany Medical College Albany NY  
Awarded MD Degree

1981 to 1984 New York University Medical Center New York NY  
Residency in General Surgery

1984 to 1986 Albany Medical Center Affiliated Hospitals Albany NY  
Fellowship in Plastic and Reconstructive Surgery

1986 to 1987 University of Pittsburgh Affiliated Hospitals Pittsburgh PA  
Fellowship in Hand and Micro Vascular Surgery

1987 to 1988 Manhattan Eye, Ear and Throat Hospital New York NY  
Fellowship in Aesthetic Plastic Surgery

### **MEDICAL LICENSURE:**

Successfully completed Part III of the National Boards.  
New York License No. 157786  
California License No. G068334  
Florida License No. ME148658  
Island Government of Jamaica License No.2729

### **BOARD CERTIFICATION:**

Diplomate American Board of Plastic Surgery No. 4080

### **PROFESSIONAL MEDICAL SOCIETIES:**

Fellow of The American College of Surgeons  
International Society of Aesthetic Plastic Surgery  
American Society for Aesthetic Plastic Surgery  
American Society of Plastic Surgeons  
New York State Medical Society  
New York County Medical Society

### **ASAPS PUBLIC EDUCATION COMMITTEE**

Member 2004-Present

## **ASAPS EMERGING TASK FORCE & INNOVATIVE PROCEDURES COMMITTEE**

Member 2006-Present

## **ASAPS COSMETIC MEDICINE COMMISSION**

Member 2009-Present

## **ASAPS TRAVELING PROFESSORSHIP**

**2008-2010**

### **HOSPITAL AFFILIATIONS:**

Lenox Hill Hospital  
New York, NY

Manhattan Eye, Ear and Throat Institute  
New York, NY

Southampton Hospital  
Southampton, NY

### **OFFICE FACILITY:**

AAAASF Accredited

Food and Drug Administration Division of Bioresearch Monitoring—in compliance

### **CORPORATE AFFILIATIONS:**

Hillstream Biosciences, LLC  
Principal

CryoCure, LLC  
Principal

Blaise Photonics, LLC  
Principal

Consultant, Plastic Surgery  
Research & Development  
Allergan Medical  
Irvine, CA

Consultant, Plastic Surgery  
Research & Development  
Merz Corporation  
San Mateo, CA

Consultant, Plastic Surgery  
Research & Development  
Galderma Laboratories  
Fort Worth, TX

Consultant, Plastic Surgery  
Research & Development  
Suneva Aesthetics  
San Diego, CA

Consultant, Plastic Surgery  
Research & Development  
Revance Therapeutics Inc  
Nashville TN

Consultant, Plastic Surgery  
Research & Development  
Serene Medical  
San Ramon, CA

Consultant, Plastic Surgery  
Research & Development  
Sinclair Pharma  
London, UK

Consultant, Plastic Surgery  
Research & Development  
Teoxane Aesthetics  
Geneva, CH

Consultant, Plastic Surgery  
Research & Development  
ThermiAesthetics  
Dallas, TX

Consultant, Plastic Surgery  
Research & Development  
Prolenium Medical Technologies  
Ontario, Canada

Consultant, Plastic Surgery  
Research & Development  
Caliway Biopharmaceuticals  
New Taipei City, Taiwan

Consultant, Plastic Surgery  
Research & Development  
Conexeu,  
Vancouver, BC, Canada

Consultant, Plastic Surgery  
Research & Development  
IBSA Pharma  
Lugano, CH

## **EDITORIAL BOARD:**

Non-Surgical Cosmetic Section Editor, Aesthetic Plastic Surgery Journal

Plastic Surgery Practice Editorial Advisory Board Member

Member Editorial Advisory Panel  
Aesthetic Trends & Technologies

Modern Aesthetics Magazine

International Journal of Aesthetic and Anti-Ageing Medicine

## **MANUSCRIPT REVIEWER:**

Plastic and Reconstructive Surgery Journal  
Aesthetic Surgery Journal  
Aesthetic Plastic Surgery Journal

## **FDA PRESENTATIONS:**

FDA Advisory Committee November 21<sup>st</sup> 2003  
General and Plastic Surgery Devices Panel  
Applicant Presentation, Safety and Efficacy  
Restylane, Q-Med AB, Medicis Aesthetics Corporation

FDA Advisory Committee February 27, 2015  
General and Plastic Surgery Device Panel  
Radiesse, Device for Hand Augmentation to  
Correct Volume Deficit in the Hands  
FDA Pre-Submission Meeting January 21<sup>st</sup> 2016  
General and Plastic Surgery Device Panel  
Label Amendment: Cannula Use for Radiesse  
Hand Augmentation

FDA Pre-Submission Meeting January 19<sup>th</sup> 2017  
General and Plastic Surgery Device Panel  
PDO Suspension Suture Use

FDA Advisory Committee February 14<sup>th</sup> 2018  
Anesthetic and Analgesic Drug Products  
Applicant Presentation, Safety and Efficacy of

CL-108 in Prevention of OINV  
Charleston Laboratories

## **U.S./IRB CLINICAL TRIALS:**

Q-Med Esthetics  
US Pivotal Clinical Study for FDA approval  
Principal Investigator  
Comparison of the Efficacy and Tolerability of  
Restylane vs. Zyplast Collagen

ColBar Life Science, Ltd.  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
Multi-Center Study to Compare the Efficacy  
and Safety of EVOLENCE vs Restylane for the  
Correction of Soft Tissue Contour Deficiencies

Nordson Micromedics  
US Pivotal Clinical Study  
Principal investigator  
Bilateral Comparison of an Injection Assistance  
Device vs Manual Injections for Delivery of Dermal  
Fillers

La Lumiere, LLC  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
Clinical Investigation of the Efficacy of Treatment of  
*Acne Vulgaris*  
Using Acne Light Mask

La Lumiere, LLC  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
A Single-Site, Split-Face Usage Study to Evaluate the  
Safety and Efficacy of Two Anti-Aging Treatments

La Lumiere, LLC  
US Pivotal Clinical Study  
Principal investigator  
Evaluation of New Skin Lightning Mask Device

La Lumiere, LLC  
Principal investigator  
A Double-Blinded, Randomized, Sham-Controlled  
Study Assessing  
the Safety and Efficacy of An Anti-Aging Light  
Therapy Mask

EVOLUS, LLC  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
A phase III, multi-center, randomized, double blind, placebo-controlled, single dose trial to demonstrate the safety and efficacy of DWP-450 in adult subjects for treatment of moderate-to-severe glabellar lines

EVOLUS, LLC  
Principal investigator  
A multi-center, open label, multiple dose, phase II trial to demonstrate the safety of DWP-450 in adult subjects for treatment of moderate-to-severe glabellar lines

Neothetics LIPO  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
A multi-center, double-blinded, placebo-controlled study evaluating the safety and efficacy of LIPO-202 for the reduction of central abdominal bulging due to subcutaneous fat in non-obese subjects

Neothetics LIPO  
Principal investigator  
A double-blind extension study to evaluate the post treatment safety and duration of clinical effect of LIPO-202 in subjects who completed either the LIPO-202-CL-18 or LIPO-202-CL-19 study

Galderma Laboratories  
Principal investigator  
PLLA SkinQ: A randomized, controlled, multi-centered, double-blind investigation of injectable poly-L-lactic acid (Sculptra® Aesthetic) for improving facial wrinkles and skin quality

Serene Medical, LLC  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
A multi-center efficacy trial of the serene RF system for the reduction of glabellar lines

Chroma-Pharma Gesellschaft M.B.H.  
US Pivotal Clinical Study for FDA approval  
Principal investigator  
Randomized double blind phase III study to assess the efficacy and safety of BoNT/A-DP in the treatment of glabellar lines in comparison with placebo followed by an open label extension study

Merz North America, Inc  
Principal investigator

Radiesse post approval safety study for the  
Treatment of hands with moderate to very severe  
dorsal volume loss

Galderma Laboratories  
Principal investigator  
Randomized, dose-ranging study to evaluate the safety and  
efficacy of AbobotulinumtoxinA for the treatment of moderate  
to severe glabellar lines

Galderma Laboratories  
Principal investigator  
Randomized, dose-ranging double-blind study to evaluate  
safety and efficacy of AbobotulinumtoxinA for the treatment of moderate  
to severe platysmal bands

Galderma Laboratories  
Principal investigator  
A randomized, evaluator-blinded, no-treatment controlled  
multicenter study to evaluate the effectiveness and safety  
of Sculptra Aesthetic for correction of cheek wrinkles

Revance Therapeutics, Inc  
Principal Investigator  
An open-label study to evaluate the efficacy and  
safety of DaxibotulinumtoxinA for Injection for the  
combined treatment of upper facial lines

Q-Med AB  
A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study  
to Evaluate the Efficacy and Safety of QM1114-DP for the Treatment  
of Moderate to Severe Lateral Canthal Lines and Glabellar  
Lines Alone or in Combination

Merz Pharmaceuticals GmbH  
Principal Investigator  
A prospective, randomized, double-blind, placebo-controlled,  
multicenter study with an open-label extension period to  
investigate the efficacy and safety of NT 201 in the simultaneous  
treatment of upper facial lines

Prollenium Medical Technologies  
Principal investigator  
A Multicenter, Double-Blind, Randomized, Split-Face  
Study to Evaluate the Safety and Efficacy of RS001  
versus Juvederm Voluma XC for the Correction of  
Age-Related Midface Volume Deficit at 6 and 12  
Months

TEOXANE SA  
Principal investigator  
A Randomized, Blinded, No-treatment Control,  
Multicenter, Prospective Clinical Study of RHA® 1 for  
the Treatment of Moderate to Severe Tissue Volume

Deficiencies, Fine Lines, and Dynamic Wrinkles in the Periorbital Regions, such as Infraorbital Hollow

Prollenium Medical Technologies

Principal investigator

A Multicenter, Double-Blind, Randomized, Split-Face Study to Evaluate the Safety and Efficacy of M001 versus Restylane Lyft with Lidocaine for Cheek Augmentation and Correction of Age-Related Midface Volume Deficit

Merz Aesthetics GmbH

A prospective, double-blind, randomized, placebo-controlled, multicenter study to investigate the efficacy and safety of NT 201 doses in the treatment of platysma prominence

TEOXANE SA

A Prospective, Randomized, Blinded Evaluator, Multicenter, Between-subjects Clinical Investigation to Evaluate Safety and Effectiveness of TPVM versus Restylane® Lyft™ for Treatment of Midface Volume Deficiency

CALIWAY Biopharmaceuticals Co

A Double-Blind, Randomized, Placebo Controlled, Phase 2b Study to Evaluate the Efficacy, Safety and Tolerability of CBL-514 Injection for Reducing Abdominal Subcutaneous Fat

TEOXANE SA

A Randomized, Blinded Evaluator, No-Treatment Control, Multicenter, Prospective, Clinical Study of RHA®4 for the Correction of Sagging Jawline

CALIWAY Biopharmaceuticals Co

A Double-Blind, Randomized, Placebo Controlled, Phase 2b Study to Evaluate the Efficacy, Safety and Tolerability of CBL-514 Injection Compared with CBL-A1 and CBL-A2 for Reducing Abdominal Subcutaneous Fat

## **MEDICAL PATENTS:**

Resorbable Surgical Appliances and  
Endoscopic Soft Tissue Suspension Procedure  
U.S. Patent No. 5/ 611, 814

Composition and Method of Use for



Soft Tissue Augmentation/Drug Delivery  
U.S. Patent No. 60/950,423

Methods For Measuring Change In Lip Size After Augmentation  
U.S. Patent No. 61/268,411

Light Therapy Platform System  
U.S. Patent Nos  
20190262627, 10300298, 10293176, 10286224, 9814905, 9789333, 9764156, 9744377, **9744378**,  
9731143, 9561385, 9440092, 20150335906, 20150335908, 20150335907, 20150335910,  
20150335909, 20150321023, 20150224337, 20150224335, 20150224336, 20150134033,  
20140324137, 8771328, 20130066404

Composition For Soft Tissue Augmentation Providing  
Protection From Infection  
U.S. Patent US 2019/0184064 A1

Taurolidine Antimicrobial Wound Closure Materials,  
Including Antimicrobial Sutures  
U.S. Patent No. 10,517,984

Pharmaceutical compositions and methods for treating keloids, hypertrophic scars and wounds, and for  
providing improved skin care  
US Patent No. 2019192552-A1

Absorbable Implantable Device For Soft Tissue Elevation and Suspension  
U.S. Patent No. US 63/222,085

Cryoneedle Assembly And Methods Of Using The Same  
US Patent No. 63/592,274

Volumetric Display Systems  
US Patent No.63/526,564  
US Patent No.63/571/485

## **SCALE DEVELOPMENT:**

Lip Fullness Scale  
Mid-Face Volume Loss Scale  
Mid-Face Volume Deficit Severity Scale  
Radial Cheek Line Scale- Dynamic  
Radial Cheek Line Scale- At Rest  
LCL Scale- At Rest  
LCL Scale- Maximum Expression  
Forehead Lines Scale- At Rest  
Forehead Lines Scale- Max Elevation  
GLS- At Rest  
GLS- Max Frown  
Infraorbital Hollows Scale  
Platysma Scale- At Rest  
Platysma Scale- Dynamic  
Skin Laxity-Posterior Thighs/Buttocks Scale

Skin Laxity-Anterior Thighs/Knees Scale  
Cellulite Dimples Buttocks/Thighs-At Rest  
Cellulite Dimples Buttocks/Thighs- Dynamic  
Decollate Scale- Arms Crossed  
Decollate Scale- Palms Together  
NLF Scale  
Chin Retrusion Rating Scale  
Jawline Volume Deficit Scale  
Peri-Oral Line Severity Scale  
Temple Volume Deficit Scale  
Composite Skin Quality Scale  
Thigh Cellulite Severity Scale  
Skin Quality- Fine Lines Scale  
Skin Quality- Texture Scale  
Abdominal Fat Scale  
Skin Smoothness Scale

## **PUBLICATIONS:**

McCarthy, J., Lorenc, Z. P., Cutting, C., *The Median Forehead Flap Revisited: The Blood Supply*, Plastic and Reconstructive Surgery; 76:866, 1985

Lorenc, Z. P., Brouman, S., Imbriglia, J.E., *Proliferative Fasciitis of the Hand in a Child*, Journal of Hand Surgery; 12A:1066, 1987

Lorenc, Z. P., Aston, S. J., *How to Introduce Endoscopic Techniques in Routine Facelifting*, Endoscopic Techniques in Plastic and Aesthetic Surgery, Springer-Verlag, NY 1994

Ivy, E.J., Lorenc, Z. P., Aston, S. J., *Malar Augmentation with Silicone Implants*, Plastic and Reconstructive Surgery; 96:63, 1995

Lorenc, Z. P., Ivy, E. J., Aston, S. J., *Neurosensory Preservation in Endoscopic Foreheadplasty*, Aesthetic Plastic Surgery; 19:411, 1995

Lorenc, Z. P., Book Review: *Endoscopic Plastic Surgery*, Aesthetic Plastic Surgery; 19:570, 1995

Lorenc, Z. P., *Endoscopic Forehead Lift Using Screw Fixation*, Aesthetic Surgery Quarterly, spring 1996

Lorenc, Z. P., Book Review: *Endoscopic Aesthetic Surgery*, Aesthetic Plastic Surgery, fall 1996

Ivy, E.J., Lorenc, Z. P., Aston, S. J., *Is There a Difference? A Prospective Study Comparing Lateral and Standard SMAS Facelifts with Extended SMAS and Composite Rhytidectomies*, Plastic and Reconstructive Surgery; 98:1135, 1996

Lorenc, Z. P., *Endoscopic Foreheadplasty*, Aesthetic Facial Surgery; Einhorn-Press Verlag, 1997

Lorenc, Z. P., *Midface Lift: Office-Based Surgery of the Head and Neck*, Lippincott-Raven, 1997

Lorenc, Z. P., *Endoscopic Foreheadplasty: Office-Based Surgery of the Head and Neck*, Lippincott-Raven 1997

Tabbal, N., Lorenc, Z. P., *Special Techniques in Cosmetic Surgery*, Ophthalmic Plastic and Reconstructive Surgery, Mosby 1998

Lorenc, Z. P., *Endoscopic Plastic Surgery of the Forehead*, Aesthetic Facial Surgery, Einhorn-Press Verlag 1999

Lorenc, Z. P., *Endoscopic Laser Forehead Lift*, Perspectives in Plastic Surgery; 12:2, 1999

Lorenc, Z. P., *How I Modified the Endoscopic Brow Lift*, Aesthetic Surgery Journal, November 1999

Lorenc, Z. P., *Gynecomastia in the Post-Pubescent Male*, Plastic Surgery Products, February 2000

Lorenc, Z. P., Review, *Cosmetic Laser Surgery: A Practitioner's Guide 2<sup>nd</sup> Edition*, Plastic and Reconstructive Surgery October 2000

Lorenc, Z. P., Review, *Aesthetic Facial Restoration*, Plastic and Reconstructive Surgery December 2001

Lorenc, Z.P., Brandt, F., Leyden, J., Narins, R., Rubin, M., Smith, S., *A Randomized, Double-Blind Multi-Center Comparison of the Efficacy and Tolerability of Restylane vs. Zyplast for the Correction of Nasolabial Folds*, Dermatologic Surgery; 29:588-595, 2003

Narins, R., Brandt, F., Lorenc Z.P., et. al., *A Randomized, Multicenter, Study of the Safety and Efficacy of Dermicol-P35 and Non-Animal Stabilized Hyaluronic Acid Gel for the Correction of Nasolabial Folds*, Dermatologic Surgery; 33:213-221, 2007

Narins, R., Brandt, F., Lorenc, Z.P., et al., *Twelve Months Persistency of a Novel, Ribose-Cross-Linked Collagen Dermal Filler*, Journal Dermatologic Surgery; 34:S31-S39, 2008

Grimes, P., Beer, K., Lorenc, Z.P., *Safety and Efficacy of Evolence: A Novel Injectable Dermal Filler*, Skin & Allergy News, March 2009

Lorenc, Z.P, Nir, E., Azachi, M., *Characterization of Physical Properties and Histologic Evaluation of Injectable Dermicol-P35 Porcine-Collagen Dermal Filler*, Plastic and Reconstructive Surgery; 125:1805, 2010

Lorenc, Z.P., Discussion: *Unacceptable Results with an Accepted Soft Tissue Filler: Polyacrylamide Hydrogel*, Aesthetic Plastic Surgery; 34:423, 2010

Fitzgerald, R., Graivier, M. H., Kane, M., Lorenc, Z. P., et al., *Update on Facial Aging*, Aesthetic Surgery Journal; 30:11S, 2010

Fitzgerald, R., Graivier, M. H., Kane, M., Lorenc, Z. P., et al., *Facial Aesthetic Analysis*, Aesthetic Surgery Journal; 30:25S, 2010

Fitzgerald, R., Graivier, M. H., Kane, M., Lorenc, Z. P., et al., *Surgical Versus Nonsurgical Rejuvenation*, Aesthetic Surgery Journal; 30:28S, 2010

Fitzgerald, R., Graivier, M. H., Kane, M., Lorenc, Z. P., et al., *Nonsurgical Modalities to Treat the Aging Face*, Aesthetic Surgery Journal; 30:31S, 2010

Fitzgerald, R., Graivier, M. H., Kane, M., Lorenc, Z. P., et al., *Appropriate Selection and Application of Nonsurgical Facial Rejuvenation Agents and Procedures: Panel Consensus Recommendations*, Aesthetic Surgery Journal; 30:36S, 2010

Lorenc, Z. P., et al., *Facial Soft-Tissue Fillers: Assessing the State of the Science Conference – Proceedings Report*, Plastic Reconstructive Surgery; 127:4S, April 2011

- Lorenc, Z. P., et al., *Facial Soft-Tissue Fillers Conference: Assessing the State of the Science*, Plastic Reconstructive Surgery; 127:4S, April 2011
- Lorenc, Z. P., *Science Based Filler Selection*, Plastic Surgery Pulse; 3:3, 2011
- Kane MA, Lorenc ZP, Lin X, Smith SR., *Validation of a Lip Fullness Scale for Assessment of Lip Augmentation*, Plastic Reconstructive Surgery; 129(5) 822e-828e, May 2012
- Lorenc, Z. P., *A Three-Tiered Approach for the Use of Calcium Hydroxyapatite Premixed With Lidocaine for Facial Application*, Cosmetic Dermatology; 25(6):266-270, 2012
- Lorenc, Z. P., *Techniques for the Optimization of Facial and Non-Facial Volumization with Injectable Poly-L-Lactic Acid*, Aesthetic Plastic Surgery; 36:1222-1229, 2012
- Lorenc, Z. P., et al., *Validation of a 4-Point Photographic Scale for the Assessment of Midface Volume Loss or Contour Deficiency*, Plastic Reconstructive Surgeon; 130(6):1330-1336, 2012
- Corey Maas, Michael A. C. Kane, Vivian W. Bucay; *Consensus Committee: Shawn Allen, David J. Applebaum, Leslie Baumann, Sue Ellen Cox, Julius W. Few, John H. Joseph, Z. Paul Lorenc, Amir Moradi, Mark S. Nestor, Joel Schlessinger, Current Aesthetic Use of AbobotulinumtoxinA in Clinical Practice: An Evidence-Based Consensus Review*, Aesthetic Surgery Journal; 32 8S-29S, 2012
- Sundaram H, Flynn T, Cassuto D, Lorenc Z.P., *New and Emerging Concepts in Soft Tissue Fillers: Roundtable*, Discussion J Drugs Dermatol Journal; 11(suppl 8):s12-s25, 2012
- Lorenc, Z.P., et al., *A Review of OnabotulinumtoxinA (Botox)*; Aesthetic Surgery Journal; 33(1S):9S-12S, 2013
- Lorenc, Z.P., et al., *A Review of AbobotulinumtoxinA (Dysport)*; Aesthetic Surgery Journal; 33(1S):13S-17S, 2013
- Lorenc, Z.P., et al., *IncobotulinumtoxinA (Xeomin): Background, Mechanism of Action, and Manufacturing*; Aesthetic Surgery Journal; 33(1S):18S-22S, 2013
- Lorenc, Z.P., et al., *IncobotulinumtoxinA in Clinical*; Literature Aesthetic Surgery Journal; 33(1S):23S-34S, 2013
- Lorenc, Z.P., et al., *Consensus Panel's Assessment and Recommendations on the Use of 3 Botulinum Toxin Type A Products in Facial Aesthetics*; Aesthetic Surgery Journal; 33(1S):35S-40S, 2013
- Lorenc, Z.P., et al., *Safety and Efficacy of a Continuous-Flow, Injection-Assisted Device in Delivery of Dermal Fillers*; Aesthetic Surgery Journal; 33(5):705-712, 2013
- Lorenc, Z. P., et al., *Understanding the Functional Anatomy of the Frontalis and Glabellar Complex for Optimal Aesthetic Botulinum Toxin Type A Therapy*; Aesthetic Plastic Surgeon; 37(5):975-983, 2013
- Lorenc, Z. P., *Soft Tissue Fillers: Principles, Materials, and Technique*, Grabb & Smith's Plastic Surgery, 7<sup>th</sup> Edition, 2013
- Lorenc, Z.P., et al, *Review of Key Belotero Balance Safety and Efficacy Trials*, Plastic Reconstructive Surg.; 132(4S-2):33S-40S, 2013
- Lorenc, Z.P., et al, *Clinical Application and Assessment of Belotero: A Roundtable Discussion*, Plastic Reconstructive Surgery; 132(4S-2):69S-76S, 2013
- Lorenc, Z.P., Daro-Kaftan, E., *Optimizing Facial Rejuvenation Outcomes by Combining Poly-L-Lactic*

*Acid, Hyaluronic Acid, Calcium Hydroxylapatite, and Neurotoxins: Two Case Studies*, J Drugs Dermatology; 13(2):191-195, 2014

Lorenc, Z.P., et al, *The Need for Consensus Recommendations on the Use of Injectable Poly-L-Lactic Acid for Facial and Nonfacial Volumization*; J Drugs Dermatology; 13(4):s28, 2014

Lorenc, Z.P., et al, *Composition and Mechanism of Action of Poly-L-Lactic Acid in Soft Tissue Augmentation*; J Drugs Dermatology; 13(4):s29-s3, 2014

Lorenc, Z.P., et al, *The History Behind the Use of Injectable Poly-L-Lactic Acid for Facial and Nonfacial Volumization: The Positive Impact of Evolving Methodology*; J Drugs Dermatology; 13(4):s32-s34, 2014

Lorenc, Z.P., et al, *Understanding, Avoiding, and Treating Potential Adverse Events Following the Use of Injectable Poly-L-Lactic Acid for Facial and Nonfacial Volumization*; J Drugs Dermatology; 13(4):s35-s39, 2014

Lorenc, Z.P., et al, *Satisfying Patient Expectations With Poly-L-Lactic Acid (PLLA) Soft Tissue Augmentation*; J Drugs Dermatology; 13(4):s40-s43, 2014

Lorenc, Z.P., et al, *Consensus Recommendations on the Use of Injectable Poly-L-Lactic Acid for Facial and Nonfacial Volumization*; J Drugs Dermatology; 13(4):s44-s51, 2014

Lorenc, Z.P., *Book Review: Soft Tissue Augmentation: Procedures in Cosmetic Dermatology Series, 3rd Edition*; Accepted for Publication Aesthetic Surgery Journal; 2014

Lorenc, Z.P., *Commentary on: Complications After Facial Injections With Permanent Fillers: Important Limitations and Considerations of MRI Evaluation*; Aesthetic Surgery Journal; 34(6) 924–925, 2014

Lorenc, Z.P., *Commentary on: Are Nurse Injectors the New Norm?* Aesthetic Surgery Journal; 38(5) 957-958, 2014

Lorenc, Z.P., *Lower Face: Clinical Anatomy and Regional Approaches with Injectable Fillers*; Plastic Reconstructive Surgery; 136(5 Suppl):235S-57S, 2014

Lorenc, Z.P., et al, *Sculptra Aesthetic- Understanding How PLLA is Used in the Current Era*, submitted for publication J Drugs Dermatology; 2014

Lorenc, Z.P., Lee, J., *Synthetic Fillers*, Clinics in Plastic Surgery- Minimally Invasive Plastic Surgery for the Aging Face, submitted for publication; 2014

Lorenc, Z.P., et al, *Photobiomodulation with Non-Thermal Lasers: Mechanisms of Action and Therapeutic Uses in Dermatology and Aesthetic Medicine*; 2014

Lorenc, Z.P., et al, *Expert Consensus on Absorbable Advanced Suspension Technology for Facial Tissue Repositioning and Volume Enhancement*; J Drugs Dermatology; 16(7):611-615, 2017

Lorenc, Z.P., et al, *Use of a controlled subdermal radio frequency thermistor for treating the aging neck: Consensus recommendations*; Journal Of Cosm and Laser Therapy; 19(8):444-450, 2017

Lorenc, Z.P., et al, *Efficacy and Safety of PrabotulinumtoxinA for the Treatment of Glabellar Lines in Adult Subjects: Results from 2 Identical Phase III Studies*, submitted to Dermatological Surgery

Lorenc, Z.P., et al, *Expanding Treatment Options for Injectable Agents*; Aesthetic Surgery Journal; 38(S1) S1-S7, 2018

Lorenc, Z.P., et al, Physiochemical Characteristics of Calcium Hydroxylapatite (CaHA), *Aesthetic Surgery Journal*; 38(S1) S8-S12, 2018

Lorenc, Z.P., et al, Physiochemical Characteristics of Poly-L-Lactic Acid (PLLA), *Aesthetic Surgery Journal*; 38(S1) S13-S17, 2018

Lorenc, Z.P., et al, Composite Facial Volumization with Calcium Hydroxylapatite (CaHA), *Aesthetic Surgery Journal*; 38(S1) S18-S23, 2018

Lorenc, Z.P., et al, *Calcium Hydroxylapatite (CaHA) for Hand Rejuvenation*, *Aesthetic Surgery Journal*; 38(S1) S24-S28, 2018

Lorenc, Z.P., et al, Prevention and Treatment of Filler complications, *Aesthetic Surgery Journal*; 38(S1) S29-S40, 2018

Lorenc, Z.P., et al, *Expert Consensus on Achieving Optimal Outcomes With Absorbable Suspension Suture Technology for Tissue Repositioning and Facial Recontouring*, *J Drugs Dermatology*; 17(6): 611-619, 2018

Lorenc, Z.P., et al, *Straight-Line Vector Planning for Optimal Results With Silhouette InstaLift in Minimally Invasive Tissue Repositioning for Facial Rejuvenation*, *J Drugs Dermatology*; 17(7):786-793, 2018

Lorenc, Z.P., et al, *Injection of Fillers to the Tear Trough and Lid/Cheek Junction in "Operative Technique in Plastic Surgery"*, *Wolters Kluwer, Philadelphia, PA* 2018

Lorenc, Z.P., et al, *Injection of Botulinum Toxin to Platysma Bands in "Operative Technique in Plastic Surgery"*, *Wolters Kluwer, Philadelphia, PA* 2018

Lorenc, Z.P., et al, *Injection of Botulinum Toxin For Treatment of Perioral Rhytids in "Operative Technique in Plastic Surgery"*, *Wolters Kluwer, Philadelphia, PA* 2018

Lorenc, Z.P., et al, *Influence of Age, Gender and Body Mass Index on the Thickness of the Gluteal Subcutaneous Fat – Implications for Safe Buttock Augmentation Procedures*, *Plast Reconstr Surg.*, 2019, 144(1):83-92

Lorenc, Z.P., et al, *Validated Assessment Scales for Skin Laxity on the Posterior Thighs, Buttocks, Anterior Thighs, and Knees in Female Patients*, *Dermatol Surg* 2019, Suppl 1:S12-S21.

Lorenc, Z.P., et al, *Validated Assessment Scales for Cellulite Dimples on the Buttocks and Thighs in Female Patients.*, *Dermatol Surg* 2019, Suppl 1:S2-S11.

Lorenc, Z.P., et al, *The role of shelf-ready, human-derived, soft tissue injectable adipose matrix for facial volume correction*, *J Cosmet Dermatol* 2020, Aug

Lorenc, Z.P., et al, *Pre-/Post Procedure Measures for Minimally Invasive, Non-Energy Aesthetic Treatments: A Survey*, *J Cosmet Dermatol.* 2020; 00:1-6

Lorenc, Z.P., et al, *Physician Survey On Pre-/Postprocedure Measures for Injectable Treatments*, *J Cosmet Dermatol.* 2020; 19:2246-2251

Lorenc, Z.P., et al, *The First of Two One-Year, Multicenter, Open-Label, Repeat-Dose, Phase II Safety Studies of PrabotulinumtoxinA for the Treatment of Moderate to Severe Glabellar Lines in Adult Patients* , Aesthetic Surgery Journal, 2020

Lorenc, Z.P., et al, *The Second of Two One-Year, Multicenter, Open-Label, Repeat-Dose, Phase II Safety Studies of PrabotulinumtoxinA for the Treatment of Moderate to Severe Glabellar Lines in Adult Patients* , Aesthetic Surgery Journal, 2021

Lorenc, Z.P., et al, *Rheology of Polymethylmethacrylate-Collagen Gel Filler: Physiochemical Properties and Clinical Applications*, Aesthet Surg J. 2020 Nov 21:sjaa314

Lorenc, Z.P., et al, *AbobotulinumtoxinA for the Treatment of Moderate-to-Severe Glabellar Lines: A Randomized, Dose-Escalating, Double-Blind Study*, J Drugs Dermatol. 2021;20(9):980-987

Lorenc, Z.P., et al, *Treatment of Upper Facial Lines With DaxibotulinumtoxinA for Injection: Results From An Open-label Phase II Study*, Derm Surg 2022

Lorenc, Z.P. et al, *Algorithm for Pre-/Post Procedure Measures for Facial Laser and Energy Devices Treatment*, J Drugs Dermatology; 20 (1): s3-11, 2021

Lorenc, Z.P., et al, *Electrophysiologic Frontalis Muscle Response Following Neuromodulator Injections*, Plastic Reconstr Surg 2021

Lorenc, Z.P., et al, *Understanding Facial Muscle Aging - A Surface Electromyography Study*, Aesthetic Surgery Journal 2021

Lorenc, Z.P., et al, *Skin Tightening With Hyperdilute CaHA: Dilution Practices and Practical Guidance for Clinical Practice* , Aesthetic Surgery Journal 2021, 1-9

Lorenc, Z.P., et al, *Algorithm for Nonenergy and Injectable Treatment Pre/Post-Procedure Measures* , J Drugs Dermatol. 2021;20:11, 3-10

Lorenc, Z.P., et al, *Barbed Polydioxanone Sutures for Face Recontouring: Six Month Safety and Effectiveness Data Supported by Objective Markerless Tracking Analysis* , Aesthetic Surgery Journal 2021, 1-14

Lorenc, Z.P., et al, *Assessment of subject satisfaction after glabellar line treatment with escalating doses of abobotulinumtoxinA in a randomized, double-blind study*, IMCAS, 2021

Lorenc, Z.P., et al, *Validating a Series of Photonumeric Rating Scales for Use in Facial Aesthetics Using Statistical Analysis of Intra- and Inter-rater Reliability* , Aesthetic Surgery Journal 2021, 1-8

Lorenc, Z.P., et al, *Subject Satisfaction and Psychological Well-being with Escalating AbobotulinumtoxinA Injection Dose for the Treatment of Moderate to Severe Glabellar Lines* , Journal of Cosmetic Dermatology 2022

Lorenc, Z.P., et al, *Creating lift in the lower face with Botulinum Toxin A Treatment: an Anatomical Overview with Videos and Case Studies Illustrating Patient Evaluation and Treatment.* , Aesthetic Surgery Journal 2022

Lorenc, Z.P., et al, *The Future of Contract Research Organizations (CROs) in Dermatology and Aesthetic Research* , Journal of Clinical and Aesthetic Dermatology 2022

Lorenc, Z.P., et al, *Aging of the Neck Decoded- New Insights for Minimally Invasive Treatments*, Aesthetic Plastic Surgery, 2022

Lorenc, Z.P., et al, *Electrophysiologic Frontalis Muscle Response Following Neuromodulator Injections*, Facial Plastic Surgery Clinics, 2022

Lorenc, Z.P., et al, *Algorithm for Pre-/Post-Procedure Measures in Ethnic Populations Treated with Facial Lasers, Nonenergy Devices or Injectables*, J Drugs Dermatol 2022;21;9s3-10

Lorenc, Z.P., et al, *Novel Validated 5 – point Photonumeric Scales for Assessment of Static and Dynamic Forehead Lines*, 2023 PRS

Lorenc, Z.P., et al, *Novel Validated 5 – point Photonumeric Scales for Assessment of the Neck and Décolleté*, 2023 PRS

Lorenc, Z.P., et al, *Novel Validated 5 – point Photonumeric Scales for Assessment of the Perioral Region*, 2023 PRS

Lorenc, Z.P., et al, *The Role of Calcium Hydroxylapatite (Radiesse®) as a Regenerative Aesthetic Treatment: A Narrative Review* , Aesthetic Surgery Journal 2023

Lorenc, Z.P., et al, *Validating the Reliability and Clinical Relevance of an Infraorbital Hollow Photonumeric Scale* , Aesthetic Surgery Journal 2023

Lorenc, Z.P., et al, *Validating the Reliability and Clinical Relevance of a Nasolabial Fold Photonumeric Scale*, J Drugs Dermatol. 2023

Lorenc, Z.P., et al, *Efficacy and safety of a novel formulation liquid botulinum toxin, RelabotulinumtoxinA, when used for combination treatment of glabellar and lateral canthal lines.* ASDS 2023

Lorenc, Z.P., et al, *A Comprehensive Review of the Medical and Cosmetic Applications of Exosomes in*



*Dermatology, J Cosmetic Dermatology. 2023*

Lorenc, Z.P., et al, *Cellulite: Current Treatments, New Technology, Clinical Management* ,  
Dermatologic Surgery 2023

Lorenc, Z.P., et al, *Commentary on: Use of LetibotulinumtoxinA for Aesthetic Treatment of  
Asians: A Consensus, ASJ, 2023*

Lorenc, Z.P., et al, *Platysma Prominence: Presentation, Burden, and Treatment Considerations,*  
PRS, 2024

Lorenc, Z.P., et al, A Review of Radiesse As A Regenerative Aesthetic Treatment

IMCAS, Paris 2024

## **PRESENTATIONS:**

McCarthy, J.G., Cutting C.B., LaTrenta, G., Lorenc, Z. P., Zide, B. M., (1985). *Cranial (Calvarial) Bone  
Grafts: An Overview.* Annual meeting of the Northeastern Society of Plastic Surgeons, New York, NY.

Lorenc, Z.P., (1986, June). *Digital Ischemia: Grand Rounds.* University of Pittsburgh Division of Plastic  
Surgery, Pittsburgh, PA.

Lorenc, Z.P., (1986, September). *Brachial Plexus Injury.* Hand Conference, University of Pittsburgh  
Division of Plastic Surgery, Pittsburgh, PA.

Lorenc, Z. P., Imbriglia, J.E., (1986, October). *Volkman's Ischemic Contracture.* Visiting Professor  
Lecture Series University of Pittsburgh Division of Plastic Surgery, Pittsburgh, PA.

Lorenc, Z. P., Imbriglia, J.E., (1986, October). *Scaphoid Nonunion-A Review of Current Literature.*  
Visiting Professor Lecture Series, University of Pittsburgh Division of Plastic Surgery, Pittsburgh, PA.

Lorenc, Z. P., (1986, January). *Johann Von Esmarch-History of Bloodless Surgery.* Visiting Professor  
Lecture Series, University of Pittsburgh Division of Plastic Surgery, Pittsburgh, PA.

Lorenc, Z. P., Imbriglia, J.E., (1987, February). *Treatment of Acute Digital Ischemia.* Visiting Professor  
Lecture Series, Allegheny General Hospital Department of Orthopedics, Pittsburgh, PA.

Lorenc, Z. P., Imbriglia, J.E., (1987, March). *Acute Digital Sympathectomy for Finger Salvage.*  
Presented at The Ivy Society Annual Meeting, Pittsburgh, PA.

Lorenc, Z.P., Mathur, A., Ramasastry, S.S., Futrell, J. W., (1987, June) *Augmented Blood Flow to  
Compromised Flap with Alcohol Administration.* Presented at the Annual Meeting of the Ohio Valley

Society of Plastic and Reconstructive Surgery, Akron, OH.

Lorenc, Z.P., Imbriglia, J.E., (1987, June). *Acute Digital Sympathectomy for Finger Salvage*. Presented at the Annual Meeting of the Ohio Valley Society of Plastic and Reconstructive Surgery, Akron, OH.

Lorenc, Z. P., Ramasastry, S. S., Jones, N. F., (1987, June). *The Continuing Search for Ideal Elbow Coverage*. Presented at the Annual Meeting of the Ohio Valley Society of plastic and Reconstructive Surgery, Akron, OH.

Lorenc, Z.P., Imbriglia, J.E., (1987, September). *Acute Digital Sympathectomy or Finger Salvage*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, New York, NY.

Lorenc, Z. P., Jones, M. F., Swartz, W. M., Klein, A., (1987, October). *Further Studies with the Implantable 20mHZ Ultrasonic Doppler for Monitoring Microvascular Anastomosis*. Presented at the Annual Meeting of the American Society of Reconstructive Microsurgery, Santa Fe, NM.

Lorenc Z. P., Jones N.F., Sank A.C., Cherup L.C., (1987, October). *Allotransplantation of Vascularized Skeletal Muscle with Cyclosporine Immunosuppression*. Presented at the Annual Meeting of the American Society of Reconstructive Microsurgery, Santa Fe, NM.

Lorenc Z. P., (1992, May). *Chemical Rejuvenation of the Face*. Visiting Professor at Albany Medical College, Albany, NY.

Lorenc Z. P., Ivy E.J., Aston S.J., (1993, April). *The Course and Relation of Sensory Nerves of the Forehead Study in Vivo*. Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, Boston, MA.

Lorenc Z. P., Ivy E.J., Aston S.J., (1993, September). *Malar Augmentation: Friend or Foe?* Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, New York, NY.

Lorenc Z. P., (1993, November). *Alloplastic Augmentation of the Mentum*. Presented at the Aesthetic and Reconstructive Rhinoplasty Advanced Course, Manhattan Eye Ear Nose and Throat Hospital, New York, NY.

Lorenc Z. P., (1994, March). *Endoscopic Facial Aesthetic Plastic Surgery Course*. New York, NY.

Lorenc Z. P., Ivy E.J., Aston S.J., (1994, April). *Cadaveric Study Comparing of SMAS. Extended SMAS and Composite Rhytidectomy*. Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, Dallas, TX.

Lorenc Z. P., Ivy E.J., Aston S.J., (1994, April). *Neurosensory Preservation in Endoscopic Foreheadplasty*. Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, Dallas, TX.

Lorenc, Z. P., (1994, August). *Endoscopic Foreheadplasty*. Visiting Professor, Albany Medical Center, Albany, NY.

Lorenc, Z. P., (1994, October). *Rhytidectomy-Multi Vectorial Approach*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Quebec, Canada.

Lorenc, Z. P., Aston, S.J., (1994, October). *Conventional SMAS vs. Aggressive SMAS Manipulation*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Quebec, Canada.

Lorenc, Z. P., (1994, November). *Creating an Optical Cavity in Endoscopic Surgery*. Presented at the Aesthetic Surgery of the Aging Face Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1994, November). *Endoscopic Aesthetic Facial Surgery*. Program Director, Aesthetic Surgery of the Aging Face Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (1994, December). *Endoscopic Facial Aesthetic Surgery*. Advanced Workshop, Faculty, Baltimore, MD.

Lorenc, Z. P., (1995, February). *Endoscopic Facial Surgery*. Presented at the Face Lift Chirurgie Symposium, Dusseldorf, Germany.

Lorenc, Z. P., (1995, February). *Endoscopic Plastic Surgery*. Visiting Professor at New York University-Mount Sinai Medical Center, New York, NY.

Lorenc, Z. P., (1995, March). *Endoscopic Aesthetic Plastic Surgery Symposium*. Program Director, New York, NY.

Ivy, E.J., Lorenc, Z. P., Aston, S.J., (1995, March). *Malar Augmentation with Silicone Implants*. Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, Annual Meeting, Washington, DC.

Lorenc, Z. P., Aston, S. J., (1995, May). *Endoscopic Forehead Plasty-Fixation with Absorbable Pins*. Presented at the ISAPS Symposium, Antalya, Turkey.

Lorenc, Z. P., (1995, May). *Endoscopic Facial Aesthetic Surgery*. Advanced Workshop, Faculty, Baltimore, MD.

Lorenc, Z. P., (1995, June). *Endoscopic Aesthetic Surgery*. Visiting Professor Columbia Presbyterian Medical Center, New York, NY.

Lorenc, Z. P., (1995, August). *Endoscopic Facial Aesthetic Surgery Workshop*. Faculty, Baltimore, MD.

Lorenc, Z. P., Aston, S. J., (1995, September). *Endoscopic Forehead Plasty- Fixation with Absorbable Pins*. Presented at the XIII International ISAPS Congress, New York, NY.

Lorenc, Z. P., (1995, September). *Endoscopically Assisted Plastic Surgery of the Face and Body*. Presented at the XIII International ISAPS Congress, New York, NY.

Lorenc, Z. P., (1995, October). *Office Applications of the CO2 Laser*. Faculty, New York, NY.

Lorenc, Z. P., (1995, October). *Endoscopic Forehead Lift: A Retrospective Comparison with the Standard Operative Techniques*. Presented at Annual Meeting of the American College of Surgeons, New Orleans, LA.

Lorenc, Z. P., Ivy, E. J., Aston, S. J., (1995, October). *Conventional SMAS vs. Aggressive SMAS Manipulation Two Year Follow-Up*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Boston, MA.

Lorenc, Z. P., (1995, November). *Endoscopic Aesthetic Plastic Surgery*. Course Chairman, New York, NY.

Lorenc, Z. P., (1995, December). *Endoscopic Facial Aesthetic Surgery and CO2 Laser Symposium*. Faculty, Baltimore, MD.

Lorenc, Z. P., Aston, S. J., (1996, February). *Endoscopic Laser Forehead Plasty*. Presented at MEETH/NYU Laser Resurfacing Course, New York, NY.

Lorenc, Z. P., (1996, March). *Endoscopic Surgery of the Face*. Presented at the ISAPS Post Graduate Course, Denpasar-Bali, Indonesia.

Lorenc, Z. P., (1996, March). *Sub periosteal Endoscopic Brow Lift*. Presented at the ISAPS Post Graduate Course, Denpasar-Bali, Indonesia.

Lorenc, Z. P., (1996, April). *Subgaleal Endoscopic Brow Lift with Absorbable Pin Fixation*. Presented at the 5<sup>th</sup> International Workshop on Aesthetic Surgery, Baltimore, MD.

Lorenc, Z. P., (1996, April). *Facelift Techniques*. Session Secretary, Annual Meeting of the American Society for Aesthetic Plastic Surgery, Orlando, FL.

Lorenc, Z. P., Aston, S. J., (1996, April). *Endoscopic Forehead Plasty-Fixation Absorbable Pins*. Presented at the Annual Meeting, the American Society for Aesthetic Plastic Surgery, Orlando, FL.

Lorenc, Z. P., (1996, June). *Office Applications of CO2 Laser*. Faculty, New York, NY.

Lorenc, Z. P., (1996, August). *Endoscopic Facial Rejuvenation-Live Surgery*. Visiting Professor at Albany Medical Center, Albany, NY.

Lorenc, Z. P., (1996, October). *Endoscopic Laser Augmentation Mammoplasty*. Live Surgery, Advances in Aesthetic Plastic Surgery Symposium Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1996, October). *Endoscopic Laser Forehead Lift and Fixation with Absorbable Pins*. Advances in Aesthetic Plastic Surgery Symposium Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., Aston, S. J., (1996, October). *Endoscopic Laser Forehead Plasty*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Washington, DC.

Lorenc, Z. P., (1996, October). *Skin Resurfacing and Facial Rejuvenation*. Presented at the Office Applications of the CO2 Laser Seminar, New York, NY.

Lorenc, Z. P., (1996, October). *Endoscopic Laser Assisted Brow Lift*. Presented at the Office Applications of the CO2 Laser Seminar, New York, NY.

Lorenc, Z. P., (1996, November). *Anatomical Considerations and Surgical Techniques in Endoscopic Aesthetic Surgery*. Presented at the Asthetische Gesichtschirurgie, Dusseldorf, Germany

Lorenc, Z. P., (1997, May). *Aesthetic Planning in Endoscopic Brow Lifting*. Presented at the Emerging Technologies in Plastic Surgery, New York, NY.

Lorenc, Z. P., (1997, May). *Sub Periosteal Brow Lift*. Presented at Emerging Technologies in Plastic Surgery, New York, NY.

Lorenc, Z. P., (1997, May). *Laser Techniques in Breast and Forehead Surgery*. Presented at Emerging Technologies in Plastic Surgery, New York, NY.

Lorenc, Z. P., (1997, May). *Correction of Over Projecting Nasal Tip*. Presented at the Annual Meeting of American Society for Aesthetic Plastic Surgery, New York, NY.

Lorenc, Z. P., Aston, S. J., (1997, May). *Evolution of Forehead Suspension Techniques in Endoscopic Aesthetic Surgery*. Presented at the Annual Meeting of American Society for Aesthetic Plastic Surgery, New York, NY.

Lorenc, Z. P., (1997, June). *Skin Resurfacing With the CO2 Laser*. Presented at Office Applications of the CO2 Laser Seminar, New York, NY.

Lorenc, Z. P., (1997, June). *Endoscopic Laser-Assisted Brow Lift*. Presented at Office Applications of the CO2 Laser Seminar, New York, NY.

Lorenc, Z. P., (1997, September). *Endoscopic Aesthetic Surgery*. Presented at the ISAPS Post Graduate Course, Paris, France.

Lorenc, Z. P., Aston, S. J., (1997, September). *Evolution of Forehead Suspension Techniques in Endoscopic Aesthetic Surgery*. Presented at the ASPRS Annual Scientific Meeting, San Francisco, CA.

Lorenc, Z. P., Aston, S. J., (1997, September). *Endoscopic Use of Lasers in Aesthetic Surgery*. Presented at the ASPRS Annual Scientific Meeting, San Francisco, CA.

Lorenc, Z. P., (1997, October). *Correction of Contour Deformities with Autologous Tissue*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Bermuda

Lorenc, Z. P., (1997, November). *Reconstructive Rhinoplasty-Moderator*. Aesthetic and Reconstructive Rhinoplasty Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1997, November). *Correction of Nasal Defects with Autologous Tissue*. Aesthetic and Reconstructive Rhinoplasty Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1998, January). *Correction of Contour Deformities with Autologous Tissue*. Presented at the Florida Aesthetic Society Meeting, Palm Beach, FL.

Lorenc, Z. P., (1998, April). *Aesthetic Planning and Technique in Endoscopic Brow Lift: Basis and Practice*. Presented at Emerging Technologies in Plastic Surgery, New York, NY.

Lorenc, Z. P., (1998, April). *Overview and Advances in Endoscopic Facialplasty*. Presented at Emerging Technologies in Plastic Surgery, New York, NY.

Lorenc, Z. P., (1998, April). *Laser Techniques in Breast and Forehead Surgery*. Presented at Emerging Technologies in Plastic Surgery, New York, NY.

Lorenc, Z. P., (1998, May). *Endoscopic Use of Lasers in Aesthetic Surgery*. Scientific Exhibit presented at the American Society for Aesthetic Plastic Surgery Annual Meeting, Los Angeles, CA.

Lorenc, Z. P., (1998, June). *Endoscopic Laser Assisted Brow Lift*. Presented at Office Applications of the CO2 Laser, Seminar, New York, NY.

Lorenc, Z. P., (1998, June). *Pitfalls and Complications of Laser Resurfacing*. Presented at Office Applications of the CO2 Laser, Seminar, New York, NY.

Lorenc, Z. P., (1998, October). *Endoscopic Use of Lasers in Aesthetic Surgery*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Newport, RI.

Lorenc, Z. P., (1998, November). *Endoscopic Laser Breast Augmentation*. Live Surgery, Advances in Aesthetic Plastic Surgery Symposium, New York, NY.

Lorenc, Z. P., (1998, November). *Abdominoplasty*. Live Surgery, Advances in Aesthetic Plastic Surgery Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1998, November). *Using the Diode Laser during Endoscopic Forehead Lift*. Advances in Aesthetic Plastic Surgery Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1998, November). *Moderator*. Advances in Aesthetic Plastic Surgery Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1998, November). *Endoscopic Laser Assisted Brow Lift*. Presented at Office Application of the CO2 Laser, Seminar, New York, NY.

Lorenc, Z. P., (1998, November). *Pitfalls and Complications of Laser Resurfacing*. Presented at Office Applications of the CO2 Laser, New York, NY.

Lorenc, Z. P., (1999, March). *Endoscopic Use of Lasers in Aesthetic Surgery*. Presented at Grand Rounds, New York University-Mt. Sinai Medical Center, New York, NY.

Lorenc, Z. P., (1999, April). *Correction of Over Projecting Nasal Tip*. Presented at Current Problems of Aesthetic Surgery Meeting, Kempen, Germany.

Lorenc, Z. P., (1999, April). *Endoscopic Laser Forehead Lift*. Presented at Current Problems of Aesthetic Surgery Meeting, Kempen, Germany.

Lorenc, Z. P., (1999, May). *Autologous Collagen for Facial Augmentation*. Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, Dallas, TX.

Lorenc, Z. P., (1999, May). *Aesthetic Planning and Technique in Endoscopic Brow Lift*. Presented at Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (1999, May). *Advanced Facialplasty*. Presented at Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (1999, May). *Endoscopic Techniques in Breast Augmentation*. Presented at Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (1999, May). *Augmentation Techniques for Nasal Deformities*. Presented at Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (1999, September). *Evolution of the Suspension Technique in Endoscopic Forehead Plasty*. Presented at the ISAPS Meeting, Zimbabwe, South Africa.

Lorenc, Z. P., (1999, September). *The Use of Lasers in Endoscopic Aesthetic Surgery*. Presented at the ISAPS Meeting, Zimbabwe, South Africa.

Lorenc, Z. P., (1999, September). *Correction of the Over Projecting Nasal Tip*. Presented at the ISAPS Meeting, Zimbabwe, South Africa.

Lorenc, Z. P., (1999, October). *Nosocomial Infections Following Rhytidectomies*. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons, Burlington, VT.

Lorenc, Z. P., (1999, November). *Endoscopic Forehead Lift*. Presented at The Giants in Aesthetic Plastic Surgery Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (1999, November). *Moderator*. The Giants in Aesthetic Plastic Surgery Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (2000, April). *Aesthetic Planning in Endoscopic Surgery*. Presented Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (2000, April). *Injectable Human Collagen: Applications and Outcomes*. Presented at Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (2000, April). *Counterpoint on Role of Endoscopic Brow Lift*. Presented at Emerging Technologies in Plastic Surgery Meeting, New York, NY.

Lorenc, Z. P., (2000, April). *Endoscopic Laser Forehead Lift*. Presented at the Mayo Clinic's Aesthetic Surgery of Face and Eyelids Symposium, Amelia Island, FL.

Lorenc, Z. P., (2000, April). *Multivector Facialplasty*. Presented at the Mayo Clinic Aesthetic Surgery of Face and Eyelids Symposium, Amelia Island, FL.

Lorenc, Z. P., (2000, April). *Endoscopic Use of Lasers in Aesthetic Surgery*. Presented at the Mayo Clinic's Aesthetic Surgery of Face and Eyelids Symposium, Amelia Island, FL.

Lorenc, Z. P., (2000, May). *Is There a Difference? First Ten Years of Aesthetic Practice*. Visiting Professor University of Pittsburgh Medical Center, Pittsburgh, PA.

Lorenc, Z. P., (2000, June). *Ten Years of Endoscopic Facial Cosmetic Surgery: Where Are We Headed?* Presented at the 48<sup>th</sup> Annual Meeting, The Society of Former Residents and Associates of Plastic Surgery, Kings County Downstate Medical Center, Brooklyn, NY.

Lorenc, Z. P., (2000, November). *Ultrasonic-Assisted Correction of Gynecomastia in Post-Pubescent Males*. Advances in Aesthetic Plastic Surgery: The Cutting Edge III 2000, Manhattan Eye Ear Nose & Throat Hospital New York, NY

Lorenc, Z. P., (2000, November). *Endoscopic Transaxillary Breast Augmentation*. Live Surgery, Advances in Aesthetic Plastic Surgery: The Cutting Edge III 2000, Manhattan Eye Ear Nose & Throat Hospital New York, NY.

Lorenc, Z. P., (2000, November), *Abdominoplasty*. Live Surgery, Advances in Aesthetic Plastic Surgery: The Cutting Edge III 2000, Manhattan Eye Ear Nose & Throat Hospital New York, NY.

Lorenc, Z. P., (2001, May). *Injectable Human Collagen Tissue Matrix*. Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, Current Concepts of Facial Augmentation. New York, NY.

Lorenc, Z. P., (2001, May). *Injectable Collagen*. Presented at the Annual Meeting of the Society for Plastic Surgical Skin Care Specialists, 2001: A Skin Odyssey, New York, NY.

Lorenc, Z. P., (2001, May). *Different Face Lift Techniques*. Teaching Course Presented at the Annual Meeting of the American Society for Aesthetic Plastic Surgery, New York, NY.

Lorenc, Z. P., (2001, June). *Facialplasty: Effect of Technique on Outcome*. Presented at Emerging Technologies Meeting, NYU School of Medicine, New York, NY.

Lorenc, Z. P., (2001, June). *UAL for Gynecomastia*. Presented at Emerging Technologies Meeting, NYU School of Medicine, New York, NY.

Lorenc, Z. P., (2001, October). *Paranasal Augmentation*. Presented at the Aesthetic & Reconstructive Rhinoplasty Symposium, NYU School of Medicine, New York, NY.

Lorenc, Z. P., (2002, May). *Different Facelift Techniques*. Teaching Course Annual Meeting, The American Society for Aesthetic Plastic Surgery, Las Vegas, NE.

Lorenc, Z. P., (2002, October). *Scientific Correction of the Aging Neck*. Presented at the Northeastern Society of Plastic Surgeons 18<sup>th</sup> Annual Meeting, Hamilton, Bermuda.

Lorenc, Z. P., (2002, October). *Endoscopic Brow Lift*. Live Surgery, Advances in Aesthetic Plastic Surgery: The Cutting Edge IV, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (2002, October). *Abdominoplasty*. Live Surgery Advances in Aesthetic Plastic Surgery: The Cutting Edge IV, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (2002, October). *Correcting Chin and Facial Problems*. Panel Moderator, Advances in Aesthetic Plastic Surgery: The Cutting Edge IV, Manhattan Eye Ear Nose & Throat Hospital New York NY.

Lorenc, Z. P., (2002, October). *Endoscopic Brow and Upper Eyelid Surgery*. Advances in Aesthetic Plastic Surgery: The Cutting Edge IV, Manhattan Eye Ear Nose & Throat Hospital New York, NY.

Lorenc, Z. P., (2002, October). *Paranasal Augmentation*. Advances in Aesthetic Plastic Surgery: The Cutting Edge IV Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., Brandt, F., Leyden, J., Narins, R., Rubin, M., Smith, S., (2002, October). *Restylane (Injectable Hyaluronic Acid): A Clinical Comparison with the Use of Injectable Bovine Collagen*. Advances in Aesthetic Plastic Surgery, The Cutting Edge IV Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z. P., (2002, November). *Restylane from the Aesthetic Plastic Surgeon's Perspective*. Panel Discussion, Presented at Hot Topics in Aesthetic Plastic Surgery 71<sup>st</sup> ASPS Annual Scientific Meeting San Antonio, TX.

Lorenc, Z.P., (2003, May). *Comparison Study of Safety and Efficacy of Restylane and Zyplast*. Presented at "Revolutions in Cosmetic Surgery" Annual Meeting of ASAPS & ASERF, Boston, MA.

Lorenc, Z.P., (2003, July). *Emerging Therapies in Facial Contouring: A Focus on Fillers*. 2003 Advisory Board Meeting July 13<sup>th</sup> – July 14<sup>th</sup> 2003, Denver, CO.

Lorenc, Z.P., (2003, August). *Advances in Facial Contouring: A Focus on New Fillers*. Faculty Training Symposium, Montreal, Quebec, Canada.

Lorenc, Z.P., (2003, August). *Advances in Facial Contouring: A Focus on New Fillers*. Faculty Training Symposium, Vancouver, British Columbia, Canada.

Lorenc, Z.P., (2003, October). *Aging and Aesthetics – An Overview of Fillers Innovations in Facial Shaping the Role of Botulinum Toxin Injectable Fillers in Cosmetic Surgery*. 72<sup>nd</sup> ASPS Annual Scientific Meeting, San Diego, CA.

Lorenc, Z.P., (2003, November). *Endoscopic Brow Lift*. Live Surgery, Aesthetic Surgery of the Aging Face Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (2003, November). *Long Term Results of Forehead Lifting*. Aesthetic Surgery of the Aging Face Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (2003, November). *Restylane Update – A Two Year Follow Up*. Aesthetic Surgery of the Aging Face Symposium, Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (2004, May). *Innovations in Facial Shaping-Adjuncts to Cosmetic Surgery: Skin Care, Peels, Lasers, Botulinum Toxin and Fillers: The Role of Botulinum Toxin Type A and the Revolutionary New Fillers in Facial Shaping: The Aging Face*. Presented at "Refining Techniques, Optimizing Results in Cosmetic Surgery" Annual Meeting of ASAPS & ASERF, Vancouver, British Columbia, Canada.

Lorenc, Z.P., S. Fagien, R. Rohrich, M. Rubin, J. Stuzin, (2004, May). *Facial Shaping With Botulinum Toxin Type A: Applications, Anatomy, Evaluation, Shaping and Complications*. Presented at "Refining Techniques, Optimizing Results in Cosmetic Surgery" Annual Meeting of ASAPS & ASERF, Vancouver, British Columbia, Canada.



Lorenc, Z.P., (2004, May). *The New Generation of Injectable Fillers: Restylane Update- Three Year Follow-Up*. Panel discussion, presented at “Refining Techniques, Optimizing Results in Cosmetic Surgery” Annual Meeting of ASAPS & ASERF, Vancouver, British Columbia, Canada

Lorenc, Z.P., (2004, May). *Facelift Technique Based on Science*. Presented at “Emerging Technologies & Techniques in Plastic Surgery”, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2004, May). *Concomitant Endoscopic Brow lift/ Upper Blepharoplasty- Avoiding the Pitfalls*. Presented at “Emerging Technologies & Techniques in Plastic Surgery”, NYU School of Medicine, New York, NY. Lorenc, Z.P., (2004, May). *Combination Therapy (Botox & Restylane) For Persistent Facial Rhytides*. Presented at “Emerging Technologies & Techniques in Plastic Surgery”, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2004, May). *Restylane Techniques and Outcomes*. Presented at “Emerging Technologies & Techniques in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., Bass, L., Kane, M., Karp, N., (2004, May). *Laboratory Demonstration of Botulinum Toxin (Botox), Hyaluronate Injectable (Restylane), Hydroxyapatite Injectable (Radiance), Intense Pulsed Light Treatments for Photo aging and Acne*. Presented at Emerging Technologies & Techniques in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2004, October). *Hyaline Cross-links: Restylane (Hyaluronate) and Perlane (Thick Hyaluronate)*. Presented at Hot Topics in Plastic Surgery, Plastic Surgery 2004 Annual Meeting of the American Society of Plastic Surgeons, Philadelphia, PA.

Lorenc, Z.P., (2004, October). *New-Fill or Sculptra (Poly-L-Lactic Acid)*. Presented at Hot Topics in Plastic Surgery, Plastic Surgery 2004 Annual Meeting of the American Society of Plastic Surgeons, Philadelphia, PA.

Lorenc, Z.P., (2004, October). *Barbed Sutures Midface Lift (Waptos Woffles & Aptos) and Brow Lift*. Discussant, Presented at Hot Topics in Plastic Surgery. Plastic Surgery 2004 Annual Meeting of the American Society of Plastic Surgeons, Philadelphia, PA.

Lorenc, Z.P., (2004, November). *Abdominoplasty*. Live Surgery, Presented at Advances in Aesthetic Plastic Surgery: The Cutting Edge V., Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (2004, November). *Concurrent Endoscopic Brow lift – Upper Blepharoplasty: How To Avoid Lagophthalmos*. Presented at Advances in Aesthetic Plastic Surgery: The Cutting Edge V., Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (2004, November). *Restylane – Uses, Benefits and Problems*. Presented at Advances in Aesthetic Plastic Surgery: The Cutting Edge V., Manhattan Eye Ear Nose & Throat Hospital, New York, NY.

Lorenc, Z.P., (2005, January). *Brow lifting – Long Term Results of Forehead Lifting*. Presented at the Twenty-First Meeting of the Northeastern Society of Plastic Surgeons, Naples, FL.

Lorenc, Z.P., (2005, May). *How to Choose the Correct Facelifting Technique*. Presented at “Emerging Technologies and Techniques in Plastic Surgery”, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2005, May). *Long Term Follow Up of Forehead Endoscopy*. Presented at Emerging Technologies and Techniques in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2005, May). *Concurrent Endoscopic Brow lift / Upper Blepharoplasty---How to Avoid Lagophthalmos*. Presented at Emerging Technologies and Techniques in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z. P., Bass, Lawrence S., Kane, Michael, Karp, Nolan, (2005, May). *Laboratory Demonstrations of Techniques for: Botulinum Toxin (Botox), Hylaform, Hyaluronate Injectable (Restylane), Hydroxyapatite Injectable (Radiesse), Intense Pulsed Light Treatments for Photoaging, Acne, Fraxel and Thermage*. Presented at "Emerging Technologies and Techniques in Plastic Surgery", NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2005, August). *Restylane Consensus Conference sponsored by Medici's Aesthetics*, San Francisco, CA.

Lorenc, Z.P., (2005, December). *Facial Rejuvenation – Choosing Techniques Based On Science*. Presented at *Plastic Surgery Section Annual Clinic Day 2005 Combined Meeting of Nassau Surgical Society, Inc. and Brooklyn & Long Island Chapter of the American College of Surgeons*, Uniondale, NY.

Lorenc, Z.P., (2006, April). *Clinical Trial of Evolence (Porcine Collagen) Injectable Filler vs. Restylane*. Presented at *Hot Topics in Cosmetic Surgery, Aesthetic Meeting*, The American Society for Aesthetic Plastic Surgery, Inc., Orlando, FL

Lorenc, Z.P., (2006, April). *Evaluation of Post-Filler Enhancement of Facial Contour Deformities Using Fourier Transform Digital Imaging Processing*. Presented at *Hot Topics in Cosmetic Surgery, Aesthetic Meeting 2006*, The American Society for Aesthetic Plastic Surgery, Inc., Orlando, FL.

Lorenc, Z.P., Steven Fayer, (2006, April). *Quantitative Assessment of Psychological Well-being in Aesthetic Surgery* Presented as a Scientific Exhibit at *Aesthetic Meeting 2006*, The American Society for Aesthetic Plastic Surgery, Inc., Coronado Springs Resort, Orlando, FL.

Lorenc, Z.P., (2006, May). *Clinical Trial of Evolence (Porcine Collagen) Injectable Filler vs. Restylane*. Presented at *Emerging Techniques and Technologies in Plastic Surgery*, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2006, May). *Tissue Suspension Devices: Animal Studies*. Presented at *Emerging Technologies and Techniques in Plastic Surgery*, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2006, October). *Advances in Non-Invasive Facial Enhancement*. Presented at the annual meeting for *The American Society of Plastic Surgeons*, San Francisco, CA.

Lorenc, Z.P., (2006, October). *Restylane: Techniques and Outcomes*. Presented at the *Resident Advisory Board Meeting, ASPS Annual Meeting*, San Francisco, CA.

Lorenc, Z.P., (2007, February). *Cutera 3D Skin Rejuvenation Titan, Laser Genesis and Lime Light*, Webinar.

Lorenc, Z.P., (2007, April). *Restylane: Techniques/Outcomes/Updates*. Presented at *Resident Advisory Board Meeting, ASAPS Annual Meeting*, New York, NY.

Lorenc, Z.P., (2007, April). *Smartlipo*. *Hot Topics in Cosmetic Surgery*, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, New York, NY.

Lorenc, Z.P., (2007, April). *Restylane Clinical Trial*. *Hot Topics in Cosmetic Surgery*, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, New York, NY.

Lorenc, Z.P., (2007, April). *Evolence Clinical Trial – Six month Data*. *Hot Topics in Cosmetic Surgery*, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, New York, NY.

Lorenc, Z.P., (2007, April). *Challenges in Male Brow Rejuvenation*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, New York, NY.

Lorenc, Z.P., (2007, May). *Live Demonstration, Non-Surgical Facial Rejuvenation*. *Emerging*

Techniques and Technologies in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2007, May). *Evolence*. Emerging Techniques and Technologies in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2007, May). *Controversies in Plastic Surgery*. Emerging Techniques and Technologies in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2007, May). *Update on Smart Lipo*. Emerging Techniques and Technologies in Plastic Surgery, NYU School of Medicine, New York, NY.

Lorenc, Z.P., (2007, October). *An Update on Botulinum Toxin*. NYC Aging Face Conference-A Multi Disciplinary Approach to the Aging Face, New York, NY.

Lorenc, Z.P., (2007, October). *Live Demonstration - Advanced Botox Facial Rejuvenation*. NYC Aging Face Conference-A Multi-Disciplinary Approach to the Aging Face, New York, NY.

Lorenc, Z.P., (2008, April). *Twelve-month Persistency and Safety of Glymatrix Collagen in the Cosmetic Correction of Nasolabial Folds*. Anti-Aging Medicine World Congress, Paris, France.

Lorenc, Z.P., (2008, April). *Glymatrix Collagen Technology*. Anti-Aging Medicine World Congress, Paris, France.

Lorenc, Z.P., (2008, April). *EVOLENCE: Techniques for optimal enhancement*. Live demonstration, Anti-Aging Medicine World Congress, Paris, France.

Lorenc, Z.P., (2008, May). *Cosmetic Medicine: The Importance of Non-Surgical Options*. Faculty, Live Demonstration, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2008, May). *Chairman, Evolence: Techniques for Accurate Results*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2008, May). *Hyaluronic Acid; Does Size Matter?* The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2008, May). *Twelve-Month Persistency and Safety of Glymatrix Collagen in Cosmetic Corrections of Nasolabial Folds*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2008, May). *Hot Topics: Lack of Long-Term Immunologic Response Following the Use of Glymatrix Collagen Implants*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2008, May). *Hot Topics: Evolence Study 12 month Follow Up*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2008, October). *Extrusion Force Pressures of Commonly Used Dermal Filler Products*. Presented at 2008 Fall Clinical Dermatology Conference, Las Vegas, NV.

Lorenc, Z.P., (2008, October). *Physician Extender Training Course-Faculty, Live Injections*. The American Society of Plastic Surgeons, Inc. Annual Meeting, Chicago, IL.

Lorenc, Z.P., (2008, October). *Physician Extender Training Course- Product Update: Filler, Injectable & Light Based Therapies*. The American Society of Plastic Surgeons, Inc., Annual Meeting, Chicago, IL.

Lorenc, Z.P., (2008, October). *Biomechanical Approach to Facial Rejuvenation*. Hot Topics, The American Society of Plastic Surgeons, Inc. Annual Meeting, Chicago, IL.

Lorenc, Z.P., (2008, October). *Complications of Fillers. How to Choose the Right Filler*. Hot Topics: The American Society of Plastic Surgeons, Inc., Annual Meeting, Chicago, IL.

Lorenc, Z.P., (2008, October). *New Tips And Tricks With Injectables and Dermal Fillers – Optimizing Patient Results - Faculty, Live Injections*. The American Society of Plastic Surgeons, Inc. Annual Meeting 2008, Chicago, IL.

Lorenc, Z.P., (2009, January). *Long-Term In Vivo Evaluation of GLYMATRIX Collagen*. International Master Course on Aging Skin Annual Meeting, Paris, France.

Lorenc, Z.P., (2009, January). *Extrusion Force Pressures of Commonly Used Dermal Filler Products*. International Master Course on Aging Skin Annual Meeting, Paris, France.

Lorenc, Z.P., (2009, January). *Extrusion Force Pressures of Commonly Used Dermal Filler Products*. Poster International Master Course on Aging Skin Annual Meeting, Paris, France.

Lorenc, Z.P., (2009, May). *BTX-A; DYSPORT Dosing*. Hot Topics: The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *BTX-A; DYSPORT Dosing*. Hot Topics All Stars: The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *Science Based Filler Selection*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *Non-Surgical Options for Facial Rejuvenation*. The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *The Spectrum of Non-Surgical Options for Face and Body Rejuvenation*. Faculty, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *Emerging Technologies in Plastic Surgery*. Hot Topic, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *Physician Extender Injector Competence Training- Advanced*. Faculty, The American Society for Aesthetic Plastic Surgery, Inc., Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2009, May). *Evolence, Titan, and Botulinum Toxin*. Emerging Technologies in Plastic Surgery Focus on Non-Surgical Facial Rejuvenation, NYU, New York, NY

Lorenc, Z.P., Shoshani, D., Bayer, T., Goldust, A., Nir E., Azachi, M., (2009, October). *Long-Term Human Histology Assessment of a Novel Collagen Dermal Filler, Dermicol-P35 27G*. The American Society for Dermatologic Surgery and The American Society of Cosmetic Dermatology & Aesthetic Surgery Joint Annual Meeting, Phoenix, AZ.

Lorenc, Z.P., (2009, October). *Advances in Concepts in Facial Rejuvenation, Beyond The Nasolabial Fold: Patient Demonstrations Featuring Dermal Fillers and Neurotoxins*. The American Society for Dermatologic Surgery and The American Society of Cosmetic Dermatology & Aesthetic Surgery (ASCDAS) Joint Annual Meeting, Phoenix, AZ.

Lorenc, Z.P., (2009, October). *Botulinum Toxins-And Now There Are Three “Dysport Dosing”*. Hot Topics, The American Society of Plastic Surgeons, Inc., Annual Meeting, Seattle, WA.

Lorenc, Z.P., (2009, October). *Décolleté Rejuvenation*. Hot Topics, The American Society of Plastic

Surgeons, Inc., Annual Meeting, Seattle, WA.

Lorenc, Z.P., (2009, October). *Growing Your Practice with Injectables and Dermal Fillers: Improved Techniques for Better Results*. The American Society of Plastic Surgeons, Inc., Annual Meeting, Seattle, WA.

Lorenc, Z.P., (2009, December). *Product vs Technique in Filler Administration*. Facial Soft Tissue Fillers State-of-the-Science Conference, Washington, DC.

Lorenc, Z. P., (2009, December). *Biomechanical Approach to Facial Rejuvenation*. Aesthetic Plastic Surgery: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2009, December). *Décolleté Rejuvenation*. Aesthetic Plastic Surgery: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2009, December). *Smooth Lipo*. Aesthetic Plastic Surgery: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2009, December). *Science Based Filler Selection*. Aesthetic Plastic Surgery: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2009, December). *Dysport Dosing Made Easy*. Aesthetic Plastic Surgery: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2009, December). *Body Contouring Using the 980nm Laser – Live Surgery*. Aesthetic Plastic Surgery: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2010, April). *Nuvance Preliminary Clinical Data*. Hot Topics, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Understanding Mode of Action and Translation to Clinical Results*. Hot Topics, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Understanding Body Contouring Using Sculptra Aesthetic*. Hot Topics, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Validation of the Lip Fullness Scale for Assessment of Lip Augmentation*. Hot Topics, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Cosmetic Medicine: Strategies for Success in 2010*. Moderator, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Scientific Update-The Role of Biofilms in Implant-Related Complications*. Moderator, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Physician Extender Injector Competence Training-Advanced/Combination Injection Techniques with Neurotoxins and the Array of FDA-Approved Dermal Fillers* Moderator. The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *The Disharmonious Lid/Cheek Junction-Challenges and Solutions*. The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, April). *Cosmetic Injectables Workshop*. Moderator, The American Society for Aesthetic Plastic Surgery Inc., Annual Meeting, Washington, DC.

Lorenc, Z. P., (2010, July). *Non-Surgical Facial Rejuvenation*. Visiting Professor, Albany Medical College, Albany, NY.

Lorenc, Z. P., (2010, October). *Fillers and Injectables: Evidence Based Update*. The American Society of Plastic Surgeons, Inc., Annual Meeting, Toronto, Canada.

Lorenc, Z. P., (2010, October). *Fillers – New Versions of Old Products*. Hot Topics, The American Society of Plastic Surgeons, Inc., Annual Meeting, Toronto, Canada.

Lorenc, Z.P., (2011, January). *Facial Rejuvenation Medical Success & Limits*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z.P., (2011, January). *Semi-Permanent Fillers: Increased Persistence at What Cost*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z.P., (2011, January). *Nuvance*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z. P., (2011, May). *Cosmetic Medicine 2011 – Achieving Excellent Results – Featuring Live Patient Demonstrations of Treatments and Results*. Co-Chair, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Boston, MA.

Lorenc, Z. P., (2011, May). *Advanced/Combination Injection Techniques with Neurotoxins and the Array of FDA-Approved Dermal Fillers*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Boston, MA.

Lorenc, Z. P., (2011, June). *Physio-Chemical Filler Characteristics: Science Based Selection*. Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2011, June). *Biomechanics of Facial Expression: Why Surface Area Matters*. Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2011, June). *HA-Cohesive Polydensified Matrix Technology – Clinical Implications*. Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2011, June). *Non-Surgical Pan Facial Rejuvenation*. Aesthetic Plastic Surgery/Anti Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z.P., (2011, July). *Complementing Traditional Surgical Approaches with Injectables*. Cosmetic Bootcamp, Annual Meeting, Aspen, CO.

Lorenc, Z.P., (2011, August). *Injectables in Aesthetic Surgery: What, Where and When*. Aesthetic Surgery on the Adriatic 2011, Biannual Cruise, Athens, Greece.

Lorenc, Z.P., (2011, September). *Injectable Agents for Facial Shaping*. Course Co-Chair, The American Society of Plastic Surgeons, Inc., Annual Meeting, Denver, CO.

Lorenc, Z.P., (2011, September). *Artiste: Assisted Injection System*. Hot Topics, The American Society of Plastic Surgeons, Inc., Annual Meeting, Denver, CO.

Lorenc, Z.P., (2011, September). *Achieving Optimal Patient Outcomes: Utilizing Current Trends in Aesthetic Injectables*. Faculty, The American Society of Plastic Surgeons, Inc., Annual Meeting, Denver, CO.

Lorenc, Z.P., (2012, January). *Non-Surgical Pan Facial Rejuvenation*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Physio-Chemical Filler Characteristics: Science Based Selection*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January), *HA- Cohesive Polydensified Matrix, Clinical Implications*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Complementing Traditional Surgical Approaches with Injectables*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Volume Restoration*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Biomechanics of Facial Expression: Why Surface Area Matters*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Endoscopic Browlift / Upper Blepharoplasty- Avoiding Lagophthalmos*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *The Disharmonious Lid / Cheek Junction*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Midface Rejuvenation*. AAFPRS Annual Rejuvenation of the Aging Face Meeting, San Diego, CA.

Lorenc, Z.P., (2012, January). *Validation of a 4-Point Photographic Scale for the Assessment of Midface Volume Loss and/or Contour Deficiency*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z.P., (2012, January). *A Three-Tiered Approach Using Premixed Lidocaine with CaHA*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z.P., (2012, January). *Intradermal Cryotherapy in Scar Management*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z.P., (2012, January). *ARTISTE- A Novel Continuous Flow Injection Assist Device*. International Master Course on Aging Skin, Annual Meeting, Paris, France.

Lorenc, Z. P., (2012, May). *The Power of Cosmetic Medicine: High Impact Results with Injectable Agents for Facial Rejuvenation*. Chairman, Focusing on the Future-The Changing Landscape of Aesthetic Plastic Surgery, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Vancouver, Canada.

Lorenc, Z. P. et al., (2012, May). *Validation of a 4-Point Photographic Scale for the Assessments of Midface Volume Loss and/or Contour Deficiency*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Vancouver, Canada.

Lorenc, Z.P., (2012, May). *Belotero Clinical Trial*. Hot Topics, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Vancouver, Canada.

Lorenc, Z.P., (2012, May). *New Technology in Surgery*. Hot Topics, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Vancouver, Canada.

Lorenc, Z.P., (2012, May). *CryoShape*. Hot Topics, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Vancouver, Canada.

Lorenc, Z. P., (2012, July). Chairman, Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next

Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2012, July). *Paradigm Shift in Facial Aging*. Moderator, Aesthetic Plastic Surgery/Anti Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2012, July). *Customizing Injectable Agents Using Variable 1% Lidocaine Dilution*. Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2012, July). *Intradermal Cryotherapy in Scar Management*. Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2012, July). *Robotic Injection Assist Device in Facial Rejuvenation*. Aesthetic Plastic Surgery/Anti-Aging Medicine: The Next Generation, Annual Meeting, New York, NY.

Lorenc, Z. P., (2012, September). *Complementing Traditional Surgical Approaches with Injectable Agents – Anatomy Based Matrix*. American Academy of Facial Plastic and Reconstructive Surgery, Inc. Meeting, Washington, DC.

Lorenc, Z.P., (2012, October). *Customizing Injectable Agents Using Variable 1% Lidocaine Dilution*. Hot Topics, The American Society of Plastic Surgeons, Inc., Annual Meeting, New Orleans, LA.

Lorenc, Z.P., (2012, November). *Complementing Traditional Surgical Approaches with Injectable Agents- Science & Anatomy Based Matrix*. Ultimate Skin Health Symposium, Beverly Hills, CA.

Lorenc, Z.P., (2012, November). *Nonsurgical Rejuvenation of the Lower Face*. Comprehensive Facial Reconstruction: An Interdisciplinary Approach, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA.

Lorenc, Z.P., (2012, November). *Minimally Invasive Approaches: Friend or Foe*. Comprehensive Facial Reconstruction: An Interdisciplinary Approach, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA.

Lorenc, Z.P., (2013, April). *Xeomin- The Role of Complexing Proteins*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (2013, April). *Bio-stimulatory Fillers*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (2013, April). *The Power of Cosmetic Medicine: Toward a Brighter Future*. Course co-chairman, The American Society for Aesthetic Plastic Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (2013, April). *Physician Extender Injector Competence Training*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (2013, April). *Intelligent Choices in Injectables: Complications, Strategies and Combination Therapy*. Course co-chairman, The American Society for Aesthetic Plastic Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (2013, June). *Blunt Cannulas- Today's Standard of Care*. Multi-Specialty Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2013, June). *Intradermal Cryotherapy in Scar Management*. Multi-Specialty Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2013, June). *Fillers and Fat: Which One to Use*. Multi-Specialty Aesthetic Symposium, Las Vegas, NV.



Lorenc, Z.P., (2013, June). *Volumizing the Mid-Face*. Multi-Specialty Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2013, June). *Safety & Efficacy of a Continuous-Flow Injection Assisted Device In Delivery of Dermal Fillers*. Multi-Specialty Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2013, August). Faculty, Summer Academy Meeting- American Academy of Dermatology, New York, NY.

Lorenc, Z.P., (2013, September). *Post-Surgical Volumization of the Face*. Northeastern Society of Plastic Surgeons Annual Meeting, Washington, D.C.

Lorenc, Z.P., (2013, September). *Use of Blunt Cannulas*. Northeastern Society of Plastic Surgeons Annual Meeting, Washington, D.C.

Lorenc, Z.P., (2013, October). *What's New in Botulinum Toxin – Choice and Finesse with Toxins*. ASPS Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2013, October). *What's New in Fillers and What Do I Use Where?* ASPS Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2013, November). *Overview of Fillers and Hyaluronic Acids and the Areas of the Face*. Cosmetic University Bootcamp, New York, NY.

Lorenc, Z.P., (2013, November). Live Injection-Hand Volume Restoration Using Radiesse Faculty, Cosmetic University Bootcamp, New York, NY.

Lorenc, Z.P., (2014, January). *Suspending Threads: Deep vs. Superficial Placement*. Chair, IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2014, February). *Live Demonstrations: Fillers, Toxins, Peelings, Cosmeceuticals and Lipolytic Treatments*. Chair, IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2014, February). *Assessment of a Next Generation Minimally Invasive Laser Treatment for Cellulite*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2014, February). Understanding the Functional Anatomy of the Frontalis Muscle in Botulinum Toxin Therapy. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2014, February). Photobiomodulation of Facial Skin Using 440nm/660nm/830nm Light Emitting Diodes. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2014, April). *Cosmetic Medicine*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, San Francisco, CA

Lorenc, Z.P., (2014, April). Course Co-Chairman, Physician Extender Advanced Symposium, The American Society for Aesthetic Plastic Surgery, Annual Meeting, San Francisco, CA.

Lorenc, Z.P., (2014, April). *Intelligent Choices in Injectables*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, San Francisco, CA.

Lorenc, Z.P., (2014, May). *Mid-Face- Volume vs Suspension*. American Academy of Facial Plastic and Reconstructive Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (20104, May). *Managing the Mid-Face*. American Academy of Facial Plastic and

Reconstructive Surgery, Annual Meeting, New York, NY.

Lorenc, Z.P., (2015, January). *Composite Fat Volumization- Anatomical Study*. ASAPS Las Vegas Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2015, January). *Soft Tissue Fillers- What to Use Where*. ASAPS Las Vegas Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2015, January). *Facial Shaping Using Botulinum Toxin A*. ASAPS Las Vegas Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2015, January). *The Benefits of Fillers for Facial Rejuvenation*. ASAPS Las Vegas Aesthetic Symposium, Las Vegas, NV.

Lorenc, Z.P., (2015, February). *Photobiomodulation of Facial Skin Using OTC Light Therapy for Acne and Anti-Aging*. South Beach Symposium, Miami, FL.

Lorenc, Z.P., (2015, May). *Physician Extender Injector Competence Training*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Montreal, Canada.

Lorenc, Z.P., (2015, May). *Cosmetic Medicine*. Course Co-chairman, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Montreal, Canada.

Lorenc, Z.P., (2015, May). *Tailoring Filler Choice to Anatomical Location*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Montreal, Canada.

Lorenc, Z.P., (2015, May). *Intelligent Choices in Injectable Selection*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Montreal, Canada.

Lorenc, Z.P., (2015, May). *DWP-450 / Nabota / Evolus*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Montreal, Canada.

Lorenc, Z.P., (2015, October). *Facial Anatomy for the Aesthetic Physician*. Faculty, Cosmetic University Bootcamp, New York, NY.

Lorenc, Z.P., (2015, October). *Live Injection-Hand Volume Restoration Using Radiesse*. Faculty, Cosmetic University Bootcamp, New York, NY.

Lorenc, Z.P., (2015, October). *Facial Rejuvenation: Minimizing Complications-Risk Factors and Prevention*. The American Society of Plastic Surgeons, Annual Meeting, Boston, MA.

Lorenc, Z.P., (2015, October). *Facial Rejuvenation: Fat grafting vs Fillers*. The American Society of Plastic Surgeons, Annual Meeting, Boston, MA.

Lorenc, Z.P., (2015, December). *Pan facial Toxin Applications*. The Art and Science of Facial Injectables, University Of Pennsylvania School of Medicine, Philadelphia, PA.

Lorenc, Z.P., (2015, December). *Composite Volumization Using CaHA*. The Art and Science of Facial Injectables, University Of Pennsylvania School of Medicine, Philadelphia, PA.

Lorenc, Z.P., (2015, December). *Injectable Applications Beyond The Face- Hand Volumization*. The Art and Science of Facial Injectables, University Of Pennsylvania School Of Medicine, Philadelphia, PA.

Lorenc, Z.P., (2015, December). *Silhouette PLLA Implant*. The Art and Science of Facial Injectables, University Of Pennsylvania School of Medicine, Philadelphia, PA.

Lorenc, Z.P., (2016, April). *Cosmetic Medicine*. Co-Chairman, The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *Silhouette InstaLift*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *Non-surgical Volumization of the Face*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *Show Me the \$\$\$*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *Physician Extender Injector Competence Training, Basic Level/Advanced Level*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *Intelligent Choices in Injectables: Complications, Strategies and Combination Therapy*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *Materials Containing the Antimicrobial Taurolidine*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2016, April). *DWP-450 Neurotoxin*. The American Society for Aesthetic Plastic Surgery, Annual Meeting, Las Vegas, NV.

Lorenc, Z.P., (2017, January). *Role of Dilution / Hydration in PLLA Use*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2017, January). *Non-HA Hand Volumization*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2017, January). *Composite Facial Volumization- Anatomical Study*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2017, January). *Vector Based Delivery of Resorbable Suspension Sutures*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2017, February). *Anatomy Considerations For The Neck*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2017, February). *Combination Therapy for Optimal Outcomes*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2017, April). *A Cannula Is Better For Injection- NOT*. ASAPS Annual Meeting, San Diego, CA

Lorenc, Z.P., (2017, April). *Cosmetic Medicine-Chair*. ASAPS Annual Meeting, San Diego, CA

Lorenc, Z.P., (2017, April). *Vector Based Use Of Silhouette InstaLift*. ASAPS Annual Meeting, San Diego CA

Lorenc, Z.P., (2017, April). *Physician Extender Injector Competency Training-I*. ASAPS Annual Meeting, San Diego, CA

Lorenc, Z.P., (2017, April). *Physician Extender Injector Competency Training-II*. ASAPS Annual Meeting, San Diego, CA

Lorenc, Z.P., (2017, October). *PrabotulinumtoxinA: Two Identical US Phase III Trials for the Treatment of Glabellar Lines*. The American Society of Plastic Surgeons, Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2017, October). *PrabotulinumtoxinA: US Phase II EV-006 Trial for the Treatment of Glabellar Lines*. The American Society of Plastic Surgeons, Annual Meeting, San Diego, CA.

Lorenc, Z.P., (2017, October). *Biomechanics of Tissue Fixation*. Silhouette Experts Meeting 2017, Barcelona, Spain.

Lorenc, Z.P., (2017, October). *Superiority of Cone Technology- Cadaveric Study*. World Experts Meeting 2017, Barcelona, Spain.

Lorenc, Z.P., (2017, October). *Guidelines to Patterns Multiple Suture Application*. World Experts Meeting 2017, Barcelona, Spain.

Lorenc, Z.P., (2018, February). *Biomechanics of Tissue Fixation in the Face*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2018, February). *Innovative Cone Technology- Safety/Long Term Results*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2018, February). *Use of Bio-stimulatory Agent-PLLA in Post-Surgical Facial Volumization*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2018, February). *Resorbable Suspension Sutures*. IMCAS Annual Meeting, Paris, France.

Lorenc, Z.P., (2018, February). *Injectable Radiofrequency*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2018, February). *Non-Surgical Facelift: Fact or Fiction*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2018, February). *New Strategies for Body Contouring*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2018, April). *Cosmetic Medicine 2018-Chair*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *Customizing Injection Techniques for the Male Patient*. SPSSCS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *Physician Extender Injector Competency Training-I*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *Physician Extender Injector Competency Training-II*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *Filler Complications- Prevention and Treatment*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *Analysis and Technique for Facial Fillers*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *DWP-450, Purified Botulinum Toxin Type A, for the Treatment of Moderate-to-Severe Glabellar Lines in Adult Subjects: Results from a Multi-Center, Open Label, Repeat Dose, Long Term Exposure, Year Long Phase II Safety Study*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2018, April). *Intelligent Choices in Injectables: Complications, Strategies and Combination Therapy*. ASAPS Annual Meeting, New York, NY.

Lorenc, Z.P., (2019, February). *Global Aesthetic Innovations*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2019 February). *Injectable and Topical Radiofrequency*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2019 February). *PRP and Stem Cell Update*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2019, May). *PrabotulinumtoxinA Phase III Results- Remix*. ASAPS Annual Meeting, New Orleans, LA

Lorenc, Z.P., (2019, May). *Falsehoods and Realities in Filler Injections*. ASAPS Annual Meeting, New Orleans, LA

Lorenc, Z.P., (2019, May). *Cosmetic Medicine-Chair*. ASAPS Annual Meeting, New Orleans, LA

Lorenc, Z.P., (2019, May). *Understanding the Basics of Injection Techniques with Neuromodulators and Hyaluronic Acid Dermal Fillers*. ASAPS Annual Meeting, New Orleans, LA

Lorenc, Z.P., (2019, May). *Advanced/Combination Injection Techniques with Neurotoxins and the Array of FDA-Approved Dermal Fillers*. ASAPS Annual Meeting, New Orleans, LA

Lorenc, Z.P., (2019, May). *Fat Grafting and Importance of Proper Preparation Technique*. Symposium for Cosmetic Advances & Laser Education Annual Meeting, Nashville, TN.

Lorenc, Z.P., (2019, May). *Surgical Incisions Using TempSure Surgical*. Symposium for Cosmetic Advances & Laser Education Annual Meeting, , Nashville, TN.

Lorenc, Z.P., (2020 February). *Leading the Way in Structural Rejuvenation*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *Injectable and Topical Radiofrequency Advances*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *New Horizons in PRP and Stem Cells*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *Optimization of Botulinum Toxin Treatment*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *Functional Aesthetic Anatomy*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *Cadaver Workshop- Session Director*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *Comprehensive Facial Assessment*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 February). *Breast Surgery-Reduction Mammoplasty/Implants*. Miami Cosmetic Surgery Annual Meeting, Miami, FL

Lorenc, Z.P., (2020 November). *Absorbable Tissue Suspension Techniques*. NYRSPS Annual Meeting, New York, NY.

Lorenc, Z.P., et al, *AbobotulinumtoxinA for the Treatment of Moderate-to-Severe Glabellar Lines: A Randomized, Dose-Escalating, Double-Blind Study*, Maui Derm 2020

Lorenc, Z.P., (2021, March). *Fillers: Appropriate Selection and Placement*. Innovations In Dermatology-Spring 2021

Lorenc, Z.P., (2021 September). *New Horizons In PRP and Stem Cells*. South Beach Symposium Annual Meeting, Hollywood, FL

Lorenc, Z.P., (2021 September). *Facelifts: Volume Replacement vs Surgical Facelift*. South Beach Symposium Annual Meeting, Hollywood, FL

Lorenc, Z.P., (2021 September). *Invasive vs Non-Invasive Skin Tightening*. South Beach Symposium Annual Meeting, Hollywood, FL

Lorenc, Z.P., (2021 September). *Pre and Post Care: Plastic Surgery Perspective*. South Beach Symposium Annual Meeting, Hollywood, FL

Lorenc, Z.P., (2021 September). *Hands-On-Cadaver Course: Full-Face Surgical Dissection and Injection Techniques Demonstration- Session Director*. South Beach Symposium Annual Meeting, Hollywood, FL

Lorenc, Z.P., (2021 October). *Absorbable Suspension Suture*. ASAPS Annual Meeting , New Orleans, LA

Lorenc, Z.P., (2021 October). *Aesthetic Anatomy*. Fall Clinical Annual Meeting , Las Vegas, NV

Lorenc, Z.P., (2021 October). *Innovations: From Fat to Sutures*. Fall Clinical Annual Meeting , Las Vegas, NV

Lorenc, Z.P., (2021 October). *Fillers for Collagen Stimulation*. Fall Clinical Annual Meeting , Las Vegas, NV

Lorenc, Z.P., (2021 October). *Non-Surgical Body Contouring- Latest Advances*. Cosmetic Bootcamp University 2021, New York, NY

Lorenc, Z.P., (2021 November). *Novel Approaches to the Use of Fillers*. New Frontiers in Cosmetic Medicine Symposium, New York, NY

Lorenc, Z.P., (2021 November). *Treatment of Filler Complications*. New Frontiers in Cosmetic Medicine Symposium, New York, NY

Lorenc, Z.P., (2022 January). *RF Microneedling*. Winter Clinical Annual Meeting , Kauai, HI

Lorenc, Z.P., (2022 January). *Ultrasound Imaging in Aesthetics*. Winter Clinical Annual Meeting , Kauai, HI

Lorenc, Z.P., (2022 April). *Fillers: Selection, Placement & Technique*. Innovations in Dermatology, Scottsdale, AZ

Lorenc, Z.P., (2022 August). *Fillers vs Surgical Facelift*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2022 August). *Complexing Proteins and Neurotoxins*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2022 August). *Non-Invasive Body Contouring*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2023 October). *Facial Anatomy and Danger Zones*. West Coast Dermatology Symposium Annual Meeting, Los Angeles, CA

Lorenc, Z.P., (2023 November). *Rhinomodulation*. New York Regional Society of Plastic Surgeons Annual Meeting, New York, NY

Lorenc, Z.P., (2023 November). *Non-Surgical Treatment of Eye Bags*. NFCMMD Annual Symposium Hackensack, NJ

Lorenc, Z.P., (2024 February). *Stimulatory Fillers Face/Body*. Winter Clinical Miami, Miami FL

Lorenc, Z.P., (2024 February). *RF Microneedling/Peri-Orbital Rejuvenation*. Winter Clinical Miami, Miami FL

Lorenc, Z.P., (2024 February). *Hands-On-Cadaver Course: Full-Face Surgical Dissection and Injection Techniques Demonstration- Session Director*. South Beach Symposium Annual Meeting, Miami, FL

Lorenc, Z.P., (2024, May). *Injector Competence Training- Basic*. ASAPS Annual Meeting, Vancouver, BC.

Lorenc, Z.P., (2024, May). *Injector Competence Training- Advanced*. ASAPS Annual Meeting, Vancouver, BC.

Lorenc, Z.P., (2024, May). *Hot Topics- New Toxins*. ASAPS Annual Meeting, Vancouver, BC

Lorenc, Z.P., (2024, May). *Opening Keynote Lecture: Toxins*. ASAPS Annual Meeting, Vancouver, BC.

Lorenc, Z.P., (2024, May). *Regenerative Medicine in Aesthetics- Chair*. ASAPS Annual Meeting, Vancouver, BC.

Lorenc, Z.P., (2024, May). *Keynote Lecture- Fillers, Moderator*. ASAPS Annual Meeting, Vancouver, BC.

## **AWARDS:**

- June 1987            Winner 1<sup>st</sup> Prize Resident and Fellow Competition  
Lorenc, Z. P., Imbriglia, J.E., “Acute Digital Sympathectomy for  
Finger Salvage” Ohio Valley Society for Plastic and Reconstructive Surgery,  
Akron, OH
- April 1987            Winner, ASAPS Best Scientific Award  
Lorenc, Z. P., Ivy, E.J., Aston, S. J., “The Course and Relation of  
Sensory Nerves of the Forehead Study in Vivo”  
Annual Meeting The American Society for Aesthetic Plastic Surgery
- April 1994            Winner, ASAPS Walter Scott Brown Award  
Lorenc, Z. P., Ivy, E. J., Aston, S. J.,  
“Cadaveric Study Comparing Conventional SMAS, Extended  
SMAS Composite Rhytidectomy” . The Annual Meeting of  
The American Society for Aesthetic Plastic Surgery