

Curriculum Vitae

Paul T. Rose, M.D, FAAD, JD

(612) 965 4247

Education:

***S.U.N.Y. at Buffalo
Buffalo, New York
Undergraduate Degree
B.A. Biology***

***S.U.N.Y at Downstate
Brooklyn, New York
Graduate Degree
M.D.***

Post Graduate Training;

***University of Connecticut Medical Center

Internship: Internal Medicine***

***Temple University
Skin and Cancer Hospital
Residency Dermatology***

***Southern California University for Professional Studies
Santa Ana, California***

Board Certification:

American Board of Dermatology

Fellow of the American Academy of Dermatology

Fellow of the International Society of Hair Restoration Surgery

Academic Affiliations:

Assistant Clinical Professor University of South Florida 1995-2002

Department of Medicine, Division of Dermatology

Tampa, Florida

Society Membership

International Society of Hair Restoration Surgery, Board of Governors, Executive Committee- President 2006

- Vice President 2005

- Secretary 2003-4

Board of Governors ISHRS 2019 – 20

Finance committee ISHRS 2019-21

Nominating Committee

Past President Committee 2010- 2021

ISHRS Pro Bono Committee – Operation Restore, CME Committee

American Academy of Dermatology

Board of Trustees American Academy of Cosmetic Surgery

Past President American Society of Cosmetic Laser Surgery, American Academy of Cosmetic Surgery 2012-13

Past President American Society of Hair Restoration Surgery Section, American Academy of Cosmetic Surgery

Alternate Delegate to AMA (20014, 15)

AACS, advocacy committee 2020-2021

Awards

Recipient of the Golden Follicle Award, ISHRS

Recipient Michelangelo Award, Italian Society of Hair Restoration

Awarded Physician of the Year 2018, National Academy of Dermatologic Nurse Practitioners, April 2018

Recipient Lifetime Achievement Award for Contributions to Hair Restoration Surgery and Research, FUE Europe Society 2019

International Society of Cosmetic Laser Surgery, Board of Governors

Hair Foundation, Board of Trustees (past)

Board of Trustees, Cosmetic Surgery Foundation 2013-2015

Patent: US Patent # 9,576,359 Feb 21, 2017 Context based algorithmic framework for identifying and classifying embedded images of follicle units

Research

Alpha -1 antitrypsin Pi types

Brooklyn Jewish Hospital, Brooklyn, New York, New York Lung Association Research Grant 1975

Mechanisms of Differentiation and Heterochromatization in Mealy Bug Germinal Tissue SUNY at Buffalo, Buffalo, New York 1977

*T cell Migration Patterns in Lymph Node Post Capillary Venules
Downstate Medical Center, Brooklyn, New York
Student Research Grant 1978*

Histamine Influence on T cells

*Johns Hopkins Medical Center – Good Samaritan Hospital
Baltimore, Maryland 1978*

*Selected for Student Elective at the National Institute of Health. Immunology Section
Bethesda, Maryland 1978*

Publications

*Rose, P.T., Proper, S Mohs Micrographic Surgery for Skin Cancer, The Bulletin of Polk
County Medical Association, Vol 30, No 8, August 1989*

*Rose, P.T. Proper S, Fenske, N., Actinic Keratosis and Non Melanoma Skin Cancer
Geriatrics, Vol 45:57-65, July 1990*

*Rose, P, Proper, S., Pre-Operative Evaluation, Medical Complications, in Handbook of Mohs
Micrographic Surgery, Mikhail G.,ed Philadelphia, Saunders 1991*

*Rose, P.T, (Chairman Editorial Board) Medical Office Response to Emergency, Physician
Office Products, New Smyrna Beach 1993*

*Rose, P.T and Shapiro R., Pearls on Mega-sessions, International Journal of Aesthetic and
Restorative Surgery 1995, Vol3,2: 133-136*

*Rose, P.T. Scalp Reductions, in Principles and Techniques of Cutaneous Surgery, ed Lask G,
and Moy R, R.L., Mc Graw-Hill, New York c 1996, pp 543-560*

*Rose, P.T., Considerations in Establishing the Hairline, Intl J of Aesthetic and Restorative
Surgery, 1998*

*Rose, PT, An Adjunctive Technique for Treating Perioral Rhytides, International Journal of
Laser Surgery*

*Rose, PT, Hairline Design, Hair Transplant Forum International, volume 12, Number 5, 180,
Sept/Oct 2002,*

*Rose, PT, Avram M, Cole J. et al ,The Potential Role of Minoxidil in the Hair Transplantation
Setting, J Derm Surg 2002;28:894-900*

*Rose, P and Morgan, M, An Investigation of Apoptosis in Androgenetic Alopecia, Annals of
Clinical and Laboratory Science, Vol 33, no 1, 2003 .*

*Rose, PT, Shapiro , R and Morgan M, The Anatomy of the Hair Follicle, , In: Unger W and
Shapiro R, eds. Hair Transplantation Fourth Edition, New York: Marcel Dekker 2004*

*Rose, PT , Leavitt ML and Cartwright MJ Shapiro et al, Scalp Anatomy, , In: Unger W and
Shapiro R, eds. Hair Transplantation Fourth Edition, New York: Marcel Dekker 2004*

*Rose, PT and Neff M, Medicolegal Aspects of Hair Transplantation, In: Unger W and Shapiro
R, eds. Hair Transplantation Fourth Edition, New York: Marcel Dekker 2004,
25-33*

- Rose, PT and Shapiro, R, Hair Transplantation in Scar Tissue, In: Unger W and Shapiro R, eds. Hair Transplantation Fourth Edition, New York: Marcel Dekker 2004*
- Rose, PT, Techniques fro graft preparation using the backlight, In: Unger W and Shapiro R, eds. Hair Transplantation Fourth Edition, New York: Marcel Dekker 2004*
- Rose, PT, An Algorithm for Hair Loss, Published in Symposium, Pfizer 2003*
- Rose PT and Morgan M, Histological Changes Associated with Mesotherapy for Fat Dissolution, J Cosmetic Laser Therapy, 2005
March 7 (1):17-19*
- Rose PT and Parsley B, The Hairline, In: Stough, DB and Haber R eds. senior editor Dover, J, Hair Transplantation, Philadelphia, Elsevier Press, 2005*
- Rose PT, Informed Consent, in Hair Transplantation, In: Stough DB and Haber R, Dover J senior editor. Hair Transplantation, Philadelphia: Elsevier Press, 2005*
- Rose, PT, Puig C, et al, Core Competencies for Hair Restoration Surgery, J Derm Surg, 35; 3: 425-8, March 2009*
- Rose, PT, Pigmentary Disorders, Med Clin NA, Sadick N, ed, Elsevier 2009*
- Rose, PT, Morgan M, Patel NS, Hair Anatomy, in Hair Transplantation 5th ed, Unger W, Shapiro R, and Unger R eds, New York, Informa Healthcare Publishing ,2011,*
- Rose, PT, Leavitt M, Shapiro R, Scalp Anatomy, in Hair Transplantation 5th ed, Unger W, Shapiro R, and Unger R eds, New York, Informa Healthcare Publishing 2011*
- Rose PT, Neff M, Legal Aspects of Hair Transplantation, in Hair Transplantation 5th ed, Unger W, Shapiro R, and Unger R eds, New York, Informa healthcare Publishing, 2011*
- Rose PT, The Tricophytic Closure, in Hair Transplantation 5th ed, Unger W, Shapiro R, and Unger R, eds; New York, Informa Healthcare Publishing, 2011*
- Rose, PT, The Latest Innovations in Hair Transplantation, J of Facial Plastic Surgery, 2011; 27, 4: 366-377*
- Rose, PT, Vogel et al, Hair Transplantation CME article , Aesthetic Surgery Journal, XX (X)Nov 2012, 1-24*
- Rose, PT and Nusbaum, B, Plastic Surgery Hyperguide web video presentation; Hair Transplantation, 2012*
- Rose PT, Nusbaum A, Nusbaum B, Nonsurgical Therapy for Hair Loss, Facial Plastic Surgery Clinics of North America, Konior RJ, Gabel, SP, eds, August 2013, 21:3, 335-342*

- Rose PT, Nusbaum B , Frontal Fibrosing Alopecia, Hair transplant Forum, Sept/Oct 2013, 23: 5, 170-172*
- Rose, PT , Robotic Hair Transplantation Surgery, in Derm Clin NA, Sadick N, ed , 2014, 97-107*
- Rose P, Zontos G, A mathematical proof of how the outgrowth angle of hair follicles influences the injury to the donor area in FUE harvesting, Dermatol Surg 2014; 40 (10): 1147 - 1150*
- Rose, PT, Surgical Repair of Juri Flap, case study, in Lam, S, ed, in Hair Transplantation 360, 731-736, Jaypee Brothers Medical Publishing, London, 2014*
- Rose, PT, Hair Restoration Surgery: Challenges and Solutions in hair transplantation, J Clin, Cosmetic and Invest and Dermatology, Vol 2015:8, 361-370*
- Rose, PT, Another way to look at the Donor Harvesting Effects with FUE, Hair Trans Forum Intl, 2016, Vol 26:6, Nov - Dec, 254-255*
- Rose PT, Canales M, Zontos G, Internal Angle of Hair Growth versus the Exit Angle as it Relates to FUE/FIT, Hair Trans Forum Int'l , 2017, Vol 27:1*
- Rose PT, Advances in Hair Restoration, in Clinics in Dermatology, Vol 36, 1, 57-62 Cosmetic Dermatology for Men, Sadick N and Thiers B, eds, Elsevier, Jan 2018*
- Rose PT, Nusbaum AG, A brief study on PRP variability, Hair Transplant Forum, 28, 4, 140-141, 2018*
- Rose, PT, Morgan, M. Case Report: Those pesky dots. What are they? Hair Transplant Forum, 28, 6, 2018*
- Rose PT, Nusbaum A, Morgan M, A comparison of apoptotic activity for FUE grafts stored in different holding solutions, J Derm Surg, May 2020, 721-722*
- Rose PT, Letter to the Editor, Forum International. 30, May June, 3, 104,2020*
- Rose PT, Nusbaum AG, Asymmetry of the temporal recessions, Hair Transplant Forum Int'l , Oct Nov, 2020*
- Rose PT, Morgan M, Nusbaum A, Where have all the follicle gone?, Hair Transplant Forum Intl, 2020, Nov -Dec*
- Rose PT, Combination Therapy for Combatting Hair Loss, Derm Clin of North America, Sadick N ed, (39) 2021, 479-485*
- Rose PT, Umar S, Shitabata P , et al, A New Universal Classification for Follicular Unit Excision Classification System for Hair Transplantation Difficulty and Patient Outcome , Clin Cosmet Invest Dermatol, 2022, Jun27; 15: 1133-1147*
- Follicular Unit Extraction, 2022*

Rose,PT , FUE Math and Donor ,in Hair Transplantation 6th ed, Unger R, Shapiro R, Thieme, 2022

Rose PT, PRP and Exosomes, accepted for publication Pathomvanich D, ed, textbook, awaiting publication

Rose PT, The Ethical Considerations in FUE Surgical Procedures, Gabel S editor, Facial Plastic Surgery, 2024, 40: 245-251

Rose PT, Graft preparation and Holding Solutions, in Comprehensive Hair Transplantation, Avram M and Green E, eds, accepted for publication

Rose, PT, Zontos, G et al, A Geometric Framework for Predicting Donor Area Thinning after FUE", Journal of Cosmetic Dermatology, 2026

Areas of surgical expertise:

Dermatologic surgery; excisional surgery and closures including flaps and grafts, veins surgery, lasers, tumescent liposuction, short flap facelift, chemical peels, hair restoration procedures

Presentations

‘Adjuncts for Scalp Lifting and Circumferential Scalp reduction’, “The Triple Blade Technique of Donor Harvesting,” , “The Micrograft Facilitator” Circumferential Scalp Reduction , Strip Mini and Micrografting, July 29-31,1994, Pittsburgh, PA

International Society of Hair Restoration Surgery, September 9-11, 1994 Toronto, The Micrograft Facilitator

“The Needle Micrograft Facilitator”, First Annual Meeting of the American Society of Hair Restoration, Jan 19-21, 1995, Los Angeles

“Adjunct for Scalp Lifting”, “The Triple Blade Technique of Donor Harvesting”, “The Micrograft Facilitator” Live Surgery Workshop on Scalp Lifting, Circumferential Scalp Reduction and StripMini and Micrografting, July 28-30, 1995 Pittsburgh, PA

“Look Before You Leap-An Approach to Mega-session Hair Transplants”, American Society of Hair Restoration Surgery 2nd Annual Scientific Meeting, Orlando, Florida, Jan 19-21, 1996

“Performing Mega-sessions”, Live Surgery Mega-session, World Association of Hair Restoration Surgeons, April23-27,1997

“The Backlight Cutting Table”, Mega-session Live Surgery Demonstration, International Society of Hair Replacement Surgery, Oct 15-19,1997, Barcelona, Spain

“Establishing the Hairline”, “ Backlighting – Increasing Yield”, Live Surgery Demonstration-Mega-session, World Association of Hair Restoration Surgeons, March 4-8, 1998, Orlando , FL

“Considerations in Establishing the Hairline”, “Still Lifting After All These Years”, American Academy of Cosmetic Surgery, Feb 1-3, 1998, New Orleans

“Live Demonstration Erbium Laser Resurfacing”, “Live Demonstration-The Use of Botox”, International Society of Cosmetic Laser Surgeons, Feb 24-26, 1998, Orlando, FL

Fourth International Meeting on Hair Restoration Surgery, May 21-24, 1998, Rome Italy

“ A Technique for Touch-Ups for Liposuction Surgery” World Congress on Liposuction, Oct 9-11,1998

“Success with Mega Graft Sessions”, American Academy of Dermatology-Annual Meeting, New Orleans, Mar 19-23, 1999

“Mega-session-Traditional Method”, “The Key Role of Assistant in Hair Transplantation”, AAFPRS-Global Convocation of Hair Restoration Surgery, May 2-4, 1999, Rancho Mirage, California

Live Demonstration- Erbium Laser Resurfacing, International Society of Cosmetic Laser Surgery, March 16-18,1999, New Orleans

“Establishing the Hairline – a Natural Approach”, European Society of Hair Restoration Surgery, 2nd Annual Live Workshop and Congress, May 27-30,1999, Paris, France

“A Technique for Liposuction Refinement”, 1999 Fall Symposium: Body Contouring and Facial Profile Enhancement, Oct 15-17,1999, Chicago, Illinois

“Forsaking the Follicular Unit”, Director Beginner’s Course, Award for Best Practical Tip, “Achieving a Natural Hairline”, International Society of Hair Restoration Surgery 7th Annual Meeting, Oct 20-24, 1999

Botox Workshop - Course Director, International Society of Cosmetic Laser Surgery, International Symposium Las Vegas, Nevada

“Achieving Success with Mega-graft Hair Transplants”, American Academy of Dermatology, March 10-15, 2000, San Francisco, California

Director Beginners Workshop, Live Demonstration Follicular Unit Grafting, World Association of Hair Restoration Surgeons,, World Association of Hair Restoration Surgeons, March 2000, Orlando, FL

Program Chair – International Society of Hair Restoration Surgeons, Nov 30-Dec 4, 2000, Kona , Hawaii

Lecture, “Designing the Hairline’

***“Seeing the Light-Backlighting”, Live Demonstration- Follicular Unit Grafting, Research-
“Survival of Grafts of Different Sizes”, World Hair Restoration Society Meeting, Feb
21-24, 2001, Orlando, FL***

***“Achieving Success with Megagrafts – Follicular Unit Transplantation”, American Academy
of Dermatology, Washington, D.C., March 5, 2001***

***Asymmetry of the Hairline, International Society of Hair Replacement Surgeons, Nov 30 – Dec
4, 2001, Kona , Hawaii***

The use of Backlighting, Live Surgery Workshop , February 21 – 25, 2001 Orlando Florida

***Live Surgery- Follicular Unit Grafting, Live Surgery Workshop, February 21 – 25, 2001,
Orlando Florida***

***“The Consultation, “,” Designing the Hairline”, First Korean Hair Replacement Meeting,
Seoul , Korea April 2001***

***“Apoptosis and Androgenetic Alopecia” International Society of Hair Replacement Surgery,
Oct 18 – 22, 2001, Puerto Vallarta, Mexico***

***Female Patient Compliance and Communication – A Guide to Enhance Success”, Research
Study “ The Clinical and Histological Evaluation of Transplant Debris Tissue During
Hair Transplant Surgery”, “ Panel Discussion Hairline Design”, Live Surgery
Workshop March 6 – 9, 2002, Orlando Florida***

***“ Medical Therapy for Men and Women with Androgenetic Alopecia” New York Hair
Symposium 2002 May 4, 2002, New York***

***“The Follicular Unit – A Critical Look” , Italian Society of Hair Replacement, June 3 –6
,2002, Florence Italy***

***“Apoptosis and Androgenetic Alopecia” European Society Hair Replacement Surgeons, June
6 – 9, 2002 , London , England***

***“The Hairline Workshop”, “Legal Aspects of the Consultation”, “Apoptosis and Androgenetic
Alopecia”,
“Do Hair Follicles in A Follicular Unit Behave Differently”, “Clinical and Histological
Evaluation of Transplanted Debris Tissue’, “ An Alogorithm for Medical Treatment of
Androgenetic Alopecia”, International Society Of Hair Restoration Surgeons 10th
Annual Meeting, October 9 –13, 2002, Chicago , Illinois***

***“Botox- Complications “ Co-director Botox Workshop, The International Society of Cosmetic
Laser Surgeons, New York, New York Oct 24-27, 2002***

***Hairline Design, Live Surgery Workshop, Orlando, Florida March 5-8, 2003
The Hairline – Temporal Areas,***

*Surgical Demonstration of Creation of the Hairline and Dense Packing
Surgical Demonstration of the Frechet Extender and Scalp Reduction*

*Algorithm for Hair Loss and Treatment. Presentation to Pfizer, Medical Advisory Board,
Orlando Florida, March 5, 2003*

*Difficulties with Follicular Isolation Technique (FIT), June 5, 2003. Aegean Masters Meeting,
Athens, Greece June 2-7th, 2003*

Program Director, Aegean Masters Meeting, Athens Greece, June 2-7th, 2003

*American Society for Dermatologic Surgery, Oct 10, Integrating Hair Transplantation into a
Practice, New Orleans*

*International Society of Hair Restoration Surgeons, October 15-19, 2003, New York, New York
Presentations:*

The Strategic Sliver

Hairline Workshop

Advances in Cloning and Culturing of Hair Workshop

Differential Diagnosis of Hair Loss and Review of Medical Treatments

The Donor Area – Advanced Review Course in Hair Restoration Surgery

Instrumentation – Beginners Course

*Brave New Hair: New Research and Surgical Techniques including Follicular unit Extraction,
Hair Follicle Cloning and Gene Therapy*

*Live Surgery Workshop – Orlando Florida, International Society of Hair Restoration Surgery,
March 3-6, 2005, Follicular Unit grafting. FIT- problems, solutions and complications*

*European Hair Society, Brussels, Belgium, June 2005, Live Surgery Demonstration, Logistics
of FIT, The Ledge Closure technique.*

*International Society of Hair Restoration Surgery, August 2005, Sydney, Australia, The Ledge
Closure, An Approach to FIT, Hairline Workshop, Scalp Dermatology Workshop.
Gaining Public Recognition*

*American Academy of Cosmetic Surgery, American Society of Hair Restoration, Orlando,
Florida, Follicular Unit Grafting, Donor Closure Techniques, Jan 25-26, 2006*

*ISHRS Annual Meeting, October 18-22, 2006, San Diego, CA, FUE/FIT Workshop, Botox
and Fillers Workshop, Adding Botox, Fillers and Lasers to your Practice”, The Ledge
Closure- Comparison to other techniques and histology, Live Surgery- FIT, A New
Device for Donor Harvesting*

*American Society of Dermatologic Surgery, An Afternoon at the Movies; Follicular Isolation
Transplantation”, October 26-29, 2006, Palm Desert, Calif.*

*American Academy of Cosmetic Surgery, Phoenix, Arizona, January 25-27, 2007, Follicular
Unit Transplantation*

ISHRS Live Surgery Workshop, Orlando Florida, March 7-10, 2007, Live Surgery- Follicular Unit Transplantation. , Study on Hair Growth Patterns within Follicular Units, Ledge Closure

ESHRS, Paris , France, May 24-26, 2007, The Ledge Closure and Comparison with other Tricophytic Closures and Histology, An Update on the Rose Tissue Spreader

ISHR , Milan Italy , June 1-3, 2007, A Novel Punch for FIT, The Use of Molded Templates for Hairline Design.

The Aegean Masters Meeting, Athens, Greece, June 4, 2007 “Considerations for Hairline Design”, “Problems and Solutions with FIT”

American Academy of Dermatology, Various methods of grafting, March, San Francisco 2006

ISHRS Live Surgery Workshop, Orlando, Florida, March , 2006, Constructing the Hairline, FUE/FIT, Tricophytic Closures- Ledge Closure, Surgical Demonstration of Ledge Closure and FIT.

ISHR, Las Vegas, Nevada, Sept 25-30, 2007, Director Hairline Workshop, “Considerations for the Hairline”, “A Novel Punch for FIT”, “Update on the Rose Tissue Spreader”

Japanese Society of Clinical Hair Restoration, Tokyo, Japan, Nov 24-25, 2007, Surgical Demonstration of Ledge Closure and FIT, Lectures: Considerations in Establishing the Hairline and Hair Restoration Techniques, Donor Area Closure-Ledge Technique and Histology, FIT/FUE An Approach to FIT

Italian Society of Hair Restoration and IDI, Rome 2008, May 30-June 1, Surgical Demonstration of Follicular Unit Grafting,

Congreso Internacional de Dermatologia Cosmetica y Pelo, Sociedad Mexicana de Dermatologia Cosmetica y Laser, Mexico City, June 5-8, 2008, My Best Tips for Hair Restoration Surgery, Demonstration of the use of Juvederm for lip augmentation

International Society of Hair Restoration Surgery, Montreal, Canada, Sept 4-7, 2008, FUE/FIT workshop-‘The Patient Consultation and My Approach to FIT’. Tips for Tricophytic Closure

American College of Phlebology Annual Meeting, Nov 6-9, 2008, Naples Florida, Use of Fillers – Short Acting Fillers

American Academy of Cosmetic Surgery Board Review Course, Dermatology Review, Jan 17-18, 2009 Phoenix Arizona

International Society of Cosmetic and Laser Surgery, “ Mesotherapy”, “Laser Lipolysis”, “Hair Transplantation”, “Short Acting Fillers”, “My Approach to Superficial Venous Disease”, Phoenix, Arizona, Feb 20 -22, 2009

International Lipo-Mesotherapy Seminar, Histological Changes Associated with Mesotherapy for Treatment of Localized Fat Deposits, May 5-6, 2006 Miami, Florida

American College of Phlebology, Moderator/ Program Coordinator Cosmetic Procedures, Mesotherapy, Short Acting Fillers, The Language of Lasers, Incorporating Cosmetic Procedures into Your Practice, Desert Springs, California, Nov 2009

American Academy of Cosmetic Surgery, Orlando Florida, January 2010, Hair Transplantation,

American Academy of Cosmetic And Facial Plastic Surgery, Hollywood Florida, The Latest Innovations in Hair Transplantation, March 2010

Brazilian Society of Hair Restoration, Belo Horizonte, Aug 18-22, Constructing the Hairline, Comparison of Internal Angle of Hair versus Exit Angle, Approach to Ledge Closure

International Society Of Hair Restoration Surgery Annual Meeting 2010, Boston MA, FUE Workshop director, Internal Angle of Hair Growth versus Exit Angle as it relates to FIT/FUE, A New Device to Assist in Graft Placement

American College of Phlebology, Orlando Fl, Nov 5, 2010, Workshop Director Aesthetic Procedures, short Acting Fillers, Mesotherapy, Language of Lasers

ISHRS Annual Meeting, Boston MA, Director of FUE Workshop, “A New Device for Implanting Grafts”, The internal angle of hair versus the external exit angle in FUE”

The American College of Phlebology, Orlando, Florida, Course Director Aesthetics, The Use of Short Acting Fillers, Mesotherapy, The Language of Lasers

The American Academy of Cosmetic Surgery, Phoenix, AZ, What’s New in Laser Treatment of Veins, Hair Transplantation Workshop

Micro-excisional Graft Removal, ISHRS annual Meeting, Paradise Island, Bahamas Oct 17-21, 2012

Rose Tissue Spreader, ISHRS Annual Meeting, Paradise Island, Bahamas, Oct 17-21,2012

Cutting Age, Masters Workshop, Live Surgery Presentation of FUG, lectures; Hairline Design, Approach to FUE, Problems and Solutions to FUE, Donor Harvesting, Ledge Closure, Graft Preparation and Holding Solutions, Dec 14-16, 2012, New York City

Moderator, Latest Advances in Laser Technology, Endovenous Laser Treatment, American Academy of Cosmetic Surgery, Jan 17-20, 2013, Las Vegas

***The use of a long acting anesthetic to diminish post operative pain in hair transplant patients
The use of a suction apparatus to improve healing of FUE wound sites
Treatment approaches in complicated hair transplant cases, panel discussion, ISHRS annual meeting, October 22-26, 2013 , San Francisco***

Program Director, Laser Workshop, AACS annual meeting, Language of Lasers,

Live demonstration of the use of PRP, Live demonstration of a Fat Reduction device with RF technology, Fort Lauderdale, Florida, Jan 14-18, 2014

Common Hair Loss Disorders, Hair Transplantation, NADNP, May 22, 2014, Clearwater , Florida

***Program Moderator AACS, Hair Section, Jan 14-17, 2015, New Orleans
Anesthesia and Donor Harvesting, Robotic Hair Transplantation, FU transplantation procedure***

ISHRS Annual meeting 2015, Chicago, Ill, Sept 9-13, Presentation on the Novel Use of a long acting anesthesia, A comparison of apoptotic activity for hair grafts in different holding solutions, Hairline Workshop

Program Moderator, 9th World Congress for Hair Research, Miami, November 2015

National Association of Dermatology Nurse Practitioners, Clearwater Florida, May 12-15 2016, Common Hair Disorders

Program Moderator, ISHRS annual meeting, Sept 28 - Oct 1, 2017.Las Vegas, NV

The Donor Area for FUE, Limits to Avoid, Incision Techniques and “Feeling the Attachments”, ISHRS FUE Immersion Workshop, Sept 30,31 2017, Polanica , Poland

***PRP variability study, ISHRS annual meeting, Prague, Oct 2017, lecture was delivered by Dr Puig for Dr Rose, Hair Loss Diagnosis, lecture presented by Dr Knudsen for Dr Rose
Robotic Hair Restoration, PRP and hair transplantation, AAAM, Miami Florida, Nov 12, 2017***

Clinical Use of PRP in Hair Restoration, NARHS annual meeting, March 3, 2017, Orlando , FL

Workshop on Hair Restoration Procedures, Moderator Robotic Hair Restoration, AACS Annual Meeting, Feb 1-4, 2018, Las Vegas , NV

Emergency Dermatology, Common Hair Disorders, Adding PRP for hair to your practice; workshop, NADNP, April 26-28, 2018, Clearwater, Florida

“Effects of FUE harvesting on the Donor Area, A hole-y war,” 7th Brazilian Congress for Hair Restoration, Sept 20-22, Foz de Igauçu, Brazil, 2018

The FUE donor area, Advanced FUE course AFLA, Redondo Beach, CA, Oct 6-7, 2018

Workshop- Decision Making FUE, FUT, The FUE Donor area workshop, Apoptotic activity in FUE grafts using different holding media, ISHRS annual meeting, Oct 10-14 Hollywood, California 2018

What’s new in Hair Restoration, Keynote Address: A Scientific Approach to the use of new modalities such as PRP and Stem Cells, Chairperson Hair Aesthetics, American Academy of Aesthetic Medicine Congress, Miami, Florida, Nov 9-11, 2018

Choosing the most advanced device for hair transplantation, South Beach Symposium, Miami Beach, FL, Feb 9, 2019

Dermatologic Emergencies, Hair Loss Diagnosis, National Academy of Dermatologic Nurse Practitioners Annual Meeting, Clearwater, Florida, April 27-29, 2019

FUE Donor area Math, FUE wounds, Evaluation of PRP, Hair Anatomy and Biology, Storage Solutions and Temperature, Depth Control, Quality control for the recipient area, FUE Europe, June 6-9, Manchester, England, 2019

Stem Cells; Myths and Reality, video presentation at ISHRS Annual Meeting, Bangkok, Thailand, Nov 13 – 16, 2019

FUE Donor area Assessment, Moderator FUE Session, FUE Latin Meeting, Cancun Mexico, Feb 26-29, 2020

Hair loss disorders, PRP therapy, NADNP, Oct 13 -17, 2020, Clearwater, Florida

***Female hairline design, Basics course, ISHRS annual meeting, virtual, Sept 2020
General Session, Panelist ISHRS Annual Meeting, Oct 26, 2020***

FUE devices, FUE math, FUE complications, Master Session, American Academy of Cosmetic Surgery, Annual Meeting, Feb 6, 2021 Virtual Meeting

The Donor Area, Donor Math, Hair Transplantation, ISDS Webinar; March 13, 2021

Optimizing Hair Transplants, American Board of Hair Restoration Review Course, Virtual meeting, May, 2021

Over harvesting with FUE, case presentation, panel discussion, ISHRS Webinar, June 5, 2021

Surgical Faculty Hair Transplant 360 meeting, St Louis, Missouri, July 23-24, 2021

Fillers and Facial Danger Zones; Avoiding complications; Amer Acad of Dermatology Summer Meeting, Tampa, Aug 5-8, 2021

Surgical faculty Hair transplant 360, July 2022

Donor Area Math, Hair transplant 360, , Surgical Faculty, July, 2023, St Louis,

Beginners Hair Workshop: Hairline, faculty leader, ISHRS annual meeting, 2023, Panama City, Panama Oct 23 -27

Moderator ISHRS annual meeting, Hair Disorders, 2023, Panama City, Panama, Oct 23-27

FUE Donor Considerations, American Academy of Dermatology, Annual Meeting, New Orleans, LA, March 17-21, 2023

A mathematical algorithm for calculating donor harvesting.

Panelist

Discussion co-leader PRP

ISHRS annual meeting, Nov 1-4, 2023, Delhi India, Moderator, Panel Discussion

***Mathematics of the Donor Area, American Academy of Dermatology Annual Meeting,
March 10, 2024, San Diego, CA***

***What to Learn from a meeting, Italian Society of Hair and Hair Surgery, Milan Italy, May 24-
26, 2024***

Live Surgery Work shop, Milan Italy May 26, Faculty, Moderator

***Follicular unit Distribution, Zontos G, Rose PT, Poster presentation ISHRS Annual Meeting,
Berling Nov, 2025***

***Program Co-chair, FUE Latin America Meeting, Cancun Mexico, March 24-27, 2026
Donor Mathematics for FUE***

***Legal Aspects of Hair Restoration Surgery, Italian Society of Trichology and Hair Surgery,
Rome Italy, May 21-23, 2026***

Corporate Advisement

Pfizer/Pharmacia – Hair Loss Drug Therapy

Intercytex Corporation – Bio Technology

Dermal Screening – Mapping of Skin Lesions

Merck- Propecia Advisory Board

Restoration Robotics – Robotic Technology in Medicine

Redesign Healthcare – Clinical Management

Energy Delivery Solutions- Use of ATP

Medature Consultant

Grants

***The Effects of Minoxidil on Apoptosis in Androgenetic Alopecia, funding by Pharmacia and
The International Society of Hair Restoration***

Comparison of apoptotic activity for hair grafts in different holding solutions, ISHRS

Employment

Dermatologist, Golden State Dermatology Aug 2025 - present

Independent contractor, May 2023 -July 2025, Bosley, San Francisco

Gladstone Clinic, Danville California, Oct 2022 – May 2023

Bernard Nusbaum, MD, Hair Transplant Institute Miami, Nov 2011- Sept 2022

Academic Alliance in Dermatology - Group Practice, October 2006 - 2011

Solo Practice – Established 1991

Robert Boudreau,M.D, Fort Meyers, Florida,March 1991-November 1991

***Steven Proper, M.,D.,P.A., Associates in Dermatology and Cutaneous Surgery,
Tampa, Florida Associate, July 1988-March 1991***

Copenhaver and Bell, MD, PA, Clearwater, Florida, Emergency Medicine, 1980-1986

***First Care Immediate Care Centers, Clearwater, Florida, Director of Medicine 1983-
1985***

Cornell University Medical Center, New York, Research Assistant, 1974 - 1975