James Anthony, Harris M.D.

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www.hairsciencescenter.com

General Information Clinical Instructor: Hair Transplantation

> Department of Otolaryngology/Head & Neck Surgery University of Colorado Health Sciences Center Practice Limited to Follicular Unit Hair Transplantation

Education Doctor of Medicine (M.D.)

1989

University of Colorado School of Medicine

Denver, Colorado

Master of Business Administration (M.B.A.) Degree

1980

Texas Tech University Lubbock, Texas

Organization Bachelor of Science (B.S.) Degree in Microbiology

1979

Texas Tech University Lubbock Texas

Post Graduate Training Residency in Otolaryngology - Head and Neck Surgery, Facial Plastic Surgery

University of Colorado School of Medicine

Denver, Colorado July 1990 to June 1994

Internship in General Surgery

St. Joseph Hospital Denver, Colorado

June 1989 to June 1990

Board and Licensure Diplomate of American Board of Otolaryngology, May, 1995

> State of Colorado Board of Medical Examiners, 1991 Diplomate of National Board of Medical Examiners, 1990

Colorado License: 30650

Continuing Medical Education

16th Annual Aspen Winter Surgery Seminar Aspen, CO April 2005

International Society of Hair Restoration Surgery Live Surgery Workshop Orlando, FL March 2005

International Society of Hair Restoration Surgery 12th Annual Meeting Vancouver, BC Canada
August 2004

Advanced Review Course in Hair Restoration Surgery
International Society of Hair Restoration Surgery 12th Annual Meeting
Vancouver, BC Canada
August 2004

14th Annual Aspen Winter Surgery Seminar Aspen, CO April 2003

October 2002

International Society of Hair Restoration Surgery 11th Annual Meeting New York, NY October 2003

Achieving the One-Pass Result: The Definitive Workshop Stough Clinic Dow Stough MD Hot Springs, AK January 30-February 1, 2003

International Society of Hair Restoration Surgery Tenth Annual Meeting Chicago, IL

International Society of Hair Restoration Surgery Ninth Annual Meeting Puerto Vallarta, Mexico October 2001 International Society of Hair Restoration Surgery Eighth Annual Meeting Waikoloa, Hawaii December 2000

Specific Seminars: Anatomy and Physiology of the Hair Follicle Hair Follicle Cloning International Society of Hair Restoration Surgery Seventh Annual Meeting San Francisco, California October 1999

Specific Seminars: Anatomy and Physiology of the Hair Follicle Hairline Design

Medical and Surgical Treatments for Women with Hair Loss International Society of Hair Restoration Surgery Sixth Annual Meeting Washington, D.C.

September 1998

Subjects: Hairline Design

Follicular Unit Hair Transplantation

Follicular Unit Hair Transplantation Mini-Fellowship B.L. Limmer, M.D. San Antonio, Texas 1998

American Academy of Otolaryngology – Head and Neck Surgery

Alexandria, Virginia September 1997

Subject: Meniere's Disease Non-Neoplastic Diseases

Management of Thyroid Disease

Rhinoplasty

Luxar Corporation

Denver, Colorado

April 1997

Subject: Clinical Use of the CO2 Laser in Cosmetic Skin Resurfacing

University of Pennsylvania School of Medicine

Philadelphia, Pennsylvania

November 1996

Subject: Advanced Techniques in Endoscopic Sinus Surgery

Department of Otolaryngology – Head and Neck Surgery
University of Colorado Health Sciences Center
Denver, Colorado
August 1994
Subject: Laser-Assisted Uvulopalatoplasty
Osler Review Course
Otolaryngology – Head and Neck Surgery
Chicago, Illinois
March 1994

Positions Held

Clinical Instructor: Hair Transplantation
Department of Otolaryngology/Head & Neck Surgery
University of Colorado Health Sciences Center
School of Medicine
January 2000 – present

Member, Website Committee
International Society of Hair Restoration Surgery
September 2004 – present
Member, Continuing Medical Education Committee
International Society of Hair Restoration Surgery
September 2004 – present

Member, Pro Bono Foundation Committee International Society of Hair Restoration Surgery January 2003 – September 2004

Member, Ad Hoc Committee on Internet Monitoring International Society of Hair Restoration Surgery January 2003 – September 2004

Director – Advanced Review Coarse in Hair Restoration Surgery International Society of Hair Restoration Surgery 13th Annual Scientific Meeting Sydney, Australia 2005 Director - Workshops International Society of Hair Restoration Surgery 12th Annual Scientific Meeting Vancouver, BC, Canada 2004

Member, Board of Directors Aurora Surgery Center Aurora, Colorado 1994 - 1997

Member, Aurora Associated Physicians, Inc. Utilization and Management Committee 1994 - 1997

Member, Aurora Presbyterian Hospital Surgical Services Committee Aurora, Colorado 1994 - 1997

Honors and Awards

Graduated with Honors, University of Colorado School of Medicine, 1989 Citation for High Academic Achievement, 1986 Recipient of University of Colorado Student Research Fellowship, 1986

Professional Affiliations International Society of Hair Restoration Surgery American Academy of Otolaryngology/Head and Neck Surgery American Medical Association Colorado Medical Society

Presentations

"Follicular Unit Extraction" 16th Annual Winter Surgery Seminar Aspen, CO

April 2005

"Hair Transplant Update"

16th Annual Winter Surgery Seminar

Aspen, CO April 2005

Live Surgery Demonstration – SAFE System for Follicular Unit Extraction International Society of Hair Restoration Surgery Live Surgery Workshop Orlando, FL March 2005

"New Instrumentation and Methodology to Improve FUE: Less Transection, Higher Rate of Graft Production, Expanded Patient Candidacy" International Society of Hair Restoration Surgery Live Surgery Workshop Orlando, FL March 2005

"New Instrumentation and Methodology to Improve FUE: Less Transection, Higher Rate of Graft Production, Expanded Patient Candidacy"
International Society of Hair Restoration Surgery 12th Annual Meeting
Vancouver, BC Canada
August 2004

"Follicular Unit Extraction vs. Microscopic Dissection of Follicular Unit Grafts: A Pilot Study on Graft Survival and Growth"
International Society of Hair Restoration Surgery 12th Annual Meeting
Vancouver, BC Canada
August 2004

Advanced Review Course: Follicular Unit Extraction (FUE)
International Society of Hair Restoration Surgery 12th Annual Meeting
Vancouver, BC Canada
August 2004

Workshop On Follicular Unit Extraction
"FUE Workshop: The SAFE ® System"
International Society of Hair Restoration Surgery 12th Annual Meeting
Vancouver, BC Canada
August 2004

"The Psychology of Hair Loss"

Advanced Review Course
International Society of Hair Restoration Surgery 12th Annual Meeting
Vancouver, BC Canada

August 2004

"Introduction of the Hair Volume Index (HVI) and Its Correlation to Subjective Visual Hair Density"

International Society of Hair Restoration Surgery 11th Annual Meeting

New York, NY

October 2003

"Biodiversity of Hair Shaft Diameters: A Statistical Analysis" Poster Presentation International Society of Hair Restoration Surgery 11th Annual Meeting New York, NY October 2003

"Introduction of the Hair Volume Index (HVI) and Its Correlation to Subjective Visual Hair Density"

Poster Presentation

International Society of Hair Restoration Surgery 11th Annual Meeting

New York, NY

October 2003

"Application of the Hair Diameter Index (HDI) in Obtaining a Target hair Density" Poster Presentation

International Society of Hair Restoration Surgery 11th Annual Meeting

New York, NY

October 2003

Workshop: "Follicular Unit Graft Production"

Instructor - Introduction to Hair Restoration Surgery

International Society of Hair Restoration Surgery 11th Annual Meeting

New York, NY October 2003

"The Psychology of Hair Loss"

Beginners and Advanced Hair Transplantation Courses

International Society of Hair Restoration Surgery 11th Annual Meeting

New York, NY

October 2003

Workshop: "How To Start a New Practice"

Instructor

International Society of Hair Restoration Surgery 11th Annual Meeting

New York, NY

October 2003

"Follicular Unit Transplantation for Reconstruction" Plastic Surgery Grand Rounds Swedish Hospital Denver, CO September 26, 2003

"The Use of Follicular Unit Grafts for Treatment of Scars and for Hair Transplant Repair"
15th Annual Aspen Winter Surgery Seminar

Aspen CO April 3-5, 2003

"Hair Transplant Update: Instrumentation, Methodologies, Medications, Technology"

15th Annual Aspen Winter Surgery Seminar

Aspen CO

April 3-5, 2003

"Hair Transplantation Update: Techniques & Reconstruction" An Otolaryngology Update Department of Otolaryngology University of Colorado Health Sciences Center Vail, CO February 4, 2003

Graft Dissection Symposium Instructor International Society of Hair Restoration Surgery Tenth Annual Meeting Chicago, Illinois October 18, 2002

"Recombinant Follicular Unit Transplantation" International Society of Hair Restoration Surgery Ninth Annual Meeting Puerto Vallarta, Mexico October 22, 2001

"Medical Management of Androgenetic Alopecia," Lecture to Denver Dermatologists St. Joseph's Hospital Grand Rounds May 1, 2001; June 18, 2001 "The Medical and Surgical Treatment of Androgenetic Alopecia"
Roundtable Lecture to Denver Dermatologists, Sponsored by Merck Inc
Denver, Colorado
December 7, 2000; February 2, 2001

"Recipient Site Creation", Beginners Program International Society of Hair Replacement Surgery, 8th Annual Meeting Waikoloa, Hawaii November 29, 2000

"Recent Advances in the Management of Androgenetic Alopecia,"
Roundtable Lecture to Denver Dermatologists, Sponsored by Merck Inc.
Denver, Colorado
November 3, 2000

"Article Review on the Effect of Finasteride on the Prostate Gland"
International Society of Hair Restoration Surgery, Seventh Annual Meeting
Poster Presentation
San Francisco, California
October 1999

"Otitis Media – "Treatment and Controversies" Aurora Presbyterian Hospital Aurora, Colorado July 1995

"Sinusitis, Rhinitis and Allergies: Cleaning Up Nasal Conditions" Aurora Presbyterian Hospital Aurora, Colorado September 1994

"Laryngeal Cancer in Colorado" Third International Conference on Head and Neck Cancer San Francisco, California July 1992

"Hematology and Coagulation Basics" Family Practice Review Course Estes Park, Colorado June 1991 "Penetrating Wounds of the Mastoid" Triological Society Pebble Beach, California January 1991

Medical Publications

Rassman, W, Harris, James A., Follicular Unit Extraction. Hair Restoration Surgery, Stow, D. and Haber, R (eds). Elsevier, in press.

Harris, James A., Follicular Unit Extraction: The SAFE System. Hair Transplant Forum International, Volume 14, #5, September/October 2004: 157,163, 164.

Harris, James A., Follicular Unit Transplantation: Dissecting and Planting Techniques. Facial Plastic Surgery Clinics of North America, Vol 12, no. 2, May 2004. Epstein, J (ed). W.B. Saunders.

Harris, James A., Recombinant Follicular Units: Formalization of a Concept. Hair Transplantation, Unger, W (ed), 3rd edition. Marcel Dekker, 2003. (in press)

Harris, James A., Surgical Assistants in Follicular Unit Hair Transplantation. Hair Transplantation, Unger W (ed), 3rd edition. Marcel Dekker, 2003. (in press)

Harris, James A., OSHA Regulations and Laboratory Testing. Hair Transplantation, Unger W (ed), 3rd edition. Marcel Dekker, 2003. (in press)

Harris, James A., Hair Transplantation. ENT Secrets, Jafek B. (ed.), 2nd ed. Philadelphia, Hanley and Belfus, 2001.

Harris, James A., Heated Lidocaine: Warming Up to an Old Idea. Hair Transplant Forum International, November/December 2000: 172, 180.

Harris, James A., Effect of Finasteride on the Prostate Gland: The Question Revisited. Hair Transplant Forum International, September/October 2000: 129,134.

Harris, James A., Every Silver Lining Has a Cloud: Review of Study on Effect of Finasteride on the Prostate Gland. Hair Transplant Forum International, March/April 2000: 33,45.

Bernstein, R., Rassman, W., Marritt, E., Seager, D., Harris, J., Limmer, B., Shapiro, R. A Slot By Any Other Name. Hair Transplant Forum International, Nov/Dec, 1999: 9:175.

Harris, James A., Myers, A.D., and Smith, C. Laryngeal Cancer in Colorado. Head and Neck, 1993: 15: 398-404.

Hill, D.P., Myers, A.D., and Harris, J.A. Autologous Fat Injection for Vocal Cord Medialization in the Canine Larynx. Laryngoscope, 1991: 101: 344-348.

Earnest, M.P., Feldman, H., Marx, J.A., Harris, J.A. Biletch, M., and Sullivan, L.P. Intracranial Lesions Shown By Computerized Tomographic Brain Scans In 259 Cases of First Alcohol-Related Seizures. Neurology, 1988: 38(10): 1561-1565.

Consumer Education Information

"Getting Ahead in The Hair Game", Amy Fletcher, Denver Business Journal, Denver, Colorado, August 27, 2004, page A1 and A36.

"Hair Today, Here Tomorrow: Don't Wig Out...Hereditary Hair Loss Can Be Treated", The State Journal-Register, Springfield, Illinois, August 2, 2004, Health, page 11.

"Gone Today, Hair Tomorrow", Bill Radford, The Gazette, Colorado Springs, Colorado, January 26, 2004, p. 2-5 "Life" section.

"Cures for Cue Balls: A Hair Replacement Expert Puts the Options on the Table", Mark Wolf, Rocky Mountain News, Spotlight, December 9, 2003, p. 3-7D.

"The Hair Replacement Revolution: A Consumer's Guide to Effective Hair Replacement Techniques", James A. Harris, M.D. and Emanuel Marritt, M.D. Square One Publishers, New York, 2003.

"Splitting Hairs: New Implant Method Touted as Most Natural Looking", James Meadows, Rocky Mountain News, Spotlight, August 8, 2000, p. 3-6D.

"Hair Loss Gets Some Help," Pete Lewis, Colorado Business Magazine, August 2000, Volume 27, No. 8, p. 24-27.

"Pulling the Plug on Hair Replacement Myths", Intermountain Jewish News, Generations, June 30, 2000, p.43-47.

Media Appearances

"Medical Breakthroughs" Ivanhoe Broadcast News

March 2005

Interview on follicular unit extraction, the SAFE System, and the Scribe

"Live with Lea", KFKA 1310, Greeley, Colorado December 17, 2004

Interview featuring hair loss and its medical and surgical treatment

"KCNC News", Channel 4, Denver, Colorado; August 2004 Interview on follicular unit extraction, the SAFE System, and the Scribe.

"MSNBC": June 2004

Interview on current therapies for hair loss including medications, surgery, and cloning.

"WGN News", Channel 2, Denver, Colorado; March 2004.

"Turning Back the Clock", news segment on cosmetic surgery featuring Follicular Unit Hair Transplantation.

"Fox News", Channel 31, Denver, Colorado; July 2003. Consumer News Segment featuring Finasteride

"Fox News", Channel 31, Denver, Colorado; February 2002.

Consumer News Segment featuring Follicular Unit Hair Transplantation.

"Off the Record with Lea", Channel 8, Greeley, Colorado; August 2000. Consumer News Segment featuring Follicular Unit Hair Transplantation.

"Health News Network", Channel 20, Denver, Colorado; July 2000. Consumer News Segment focusing on Follicular Unit Hair Transplantation.

Research Experience

Development of new methodology and instrumentation for follicular unit extraction (FUE) to decrease follicle trauma and increase surgical efficiency.

Study of growth rates and survival of grafts obtained by follicular unit extraction versus those obtained by microscopic dissection.

Biodiversity of hair shaft diameters: Statistical study of hair diameters for use in further studies.

Development of the "Hair Volume Index (HVI)" based on hair shaft diameters and hair counts. The HVI concept to be used in patient counseling regarding visual outcomes of transplantation.

Laryngeal Cancer in Colorado: Utilized the Colorado Cancer Registry in an epidemiological study characterizing this disease

Lipoinjection for Vocal Cord Paralysis: Examined the efficacy of autologous fat injections in human subjects for the treatment of unilateral vocal cord paralysis

Endoscopic Sinus Surgery with CO2 Laser: Development and documentation of a methodology for performing endoscopic sinus surgery using prototypic laser equipment

Penetrating Mastoid Injuries: Investigated cases of penetrating injuries to the temporal bone; developed diagnostic and treatment protocols for these patients

Autologous Fat Injection into Paralyzed Vocal Cords: Examined the efficacy of autologous fat injections in the canine model for treatment of unilateral vocal cord paralysis

Clinical Characteristics of Patients Experiencing First Time Alcohol Withdrawal Seizures: Investigated laboratory findings in patients with first time alcohol withdrawal seizures

Efficacy of CT Scans In-Patients with Alcohol Withdrawal Seizures: Analyzed cases of first time alcohol withdrawal seizures in an attempt to correlate focal physical findings with significant abnormalities on CT scan

In Vivo Turnover of Antithrombin III in Patients Using Prednisone: Responsible for the production and radioactive labeling of purified AT III

Past Employment Experience

Physician, Aurora Associates of Otolaryngology, P.C., Aurora, Colorado. July 1994 – June 2000. Specialty in Otolaryngology/Head and Neck Surgery, Facial Plastic Surgery.

Consulting Partner, Software Associates, Lakewood, Colorado. January 1983 to August 1985. Owner of a computer and information systems consulting company. Responsible for marketing, system design, software programming, and system installation.

Data Processing Manager, Hart Exploration and Production Company, Englewood, Colorado. October 1981 to December 1983. Responsible for computer operations, system design and maintenance, system installation.

Systems Analyst, Arthur Andersen & Company, Denver, Colorado. February 1981 to September 1981. Designed and programmed computer software and trained users.