

# P. DANIEL KNOTT, M.D.

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## Professional Address

Head & Neck Institute  
Cleveland Clinic  
9500 Euclid Avenue  
Cleveland, OH 44195  
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## PROFESSIONAL APPOINTMENT

**Facial Plastic and Reconstructive Surgery** 2007-present  
HEAD AND NECK INSTITUTE  
CLEVELAND CLINIC FOUNDATION  
Cleveland, OH

**Facial Plastic and Reconstructive Surgery** 2007-present  
METROHEALTH MEDICAL CENTER  
Cleveland, OH

**California license: A94493**

**Ohio license: 08847**

## TRAINING

**Fellowship in Facial Plastic and Reconstructive Surgery** 2006-2007  
UCLA MEDICAL CENTER  
Los Angeles, CA  
Completed Board Certifying Examinations, June 2007.

**Residency in Otolaryngology/Head and Neck Surgery** 2001-2006  
HEAD AND NECK INSTITUTE  
CLEVELAND CLINIC FOUNDATION  
Cleveland, OH  
Board Certified, March 2007

**Internship in General Surgery** 2000-2001  
CLEVELAND CLINIC FOUNDATION  
Cleveland, OH

## BOARD CERTIFICATION

American board of Otolaryngology/Head and Neck Surgery 2007-

American board of Facial Plastic and Reconstructive Surgery Pending

## EDUCATION

**Doctor of Medicine** 2000  
UNIVERSITY OF CALIFORNIA, SAN DIEGO SCHOOL OF MEDICINE  
La Jolla, California

**Bachelor of Arts (International Politics and Economics)** 1994  
MIDDLEBURY COLLEGE

Middlebury, Vermont

**Certificat d'Etudes Internationales** 1992  
INSTITUTE D'ETUDES POLITIQUES DE PARIS  
Paris, France

## AWARDS AND HONORS

**American Board of Facial Plastic and Reconstructive Surgery: Ben Shuster Memorial Award** 2008  
recognizes the most outstanding research paper by a fellow in training

**American Board of Facial Plastic and Reconstructive Surgery First runner-up for 2007 Jack Anderson Prize for Scholastic Excellence** 2007  
recognizes surgeon with highest score on annual board examination

**American Head and Neck Society: Robert Maxwell Byers Award** 2007  
*Evaluation of hardware-related complications in vascularized bone grafts with locking mandibular reconstruction plate fixation*

**Northeast Ohio Otolaryngology Annual Research Competition, Second Place** 2004  
*Immunosuppressive Efficacy of Everolimus and Tacrolimus Combination Therapy in a Rat Laryngeal Transplant Model*

**Travel Grant** 2004  
Washington Advocacy Week

**Financial Issues Investigator** 2004  
Annual House Staff Association Award

**Vice-President** 2004-2005  
**House Staff Association**  
CLEVELAND CLINIC FOUNDATION  
Cleveland, OH

**Bruce Hubbard Stewart Fellow Award** 2002  
Cleveland Clinic Foundation

**Pharmacia Upjohn Award for Excellence in Surgery** 2000  
San Diego, California

## RESEARCH GRANTS

Cleveland Clinic Foundation Research Programs Council 2003-2004  
\$25,000  
*Wound healing after laryngeal surgery: a canine study using cryoablation and hyaluronic acid*  
Investigator: P. Daniel Knott, M.D.  
Co-investigators: Marshall Strome, M.D. M.S., Anthony Calabro Ph.D., Aniq Darr B.Sc., Lee Akst M.D., Michael Byrd M.D., Claudio Milstein Ph.D.  
Cleveland Clinic Foundation

Baxter Pharmaceuticals Research Grant 2003-2004  
\$6,000  
*Use of "Coseal" to reduce the duration and volume of post-operative external fluid drainage: A preliminary porcine model*

Investigator: P. Daniel Knott, M.D.  
Co-investigator: Ramon Esclamado, M.D.

## PATENT APPLICATIONS

*Tyramine-based hydrogels for vocal cord repair and augmentation*

Co-inventors: Anthony Calabro, Ph.D., Aniq Darr, B.Sc., **P. Daniel Knott, M.D.**, Lee Akst, M.D., Michael Byrd, M.D., Marshall Strome, M.D. M.S.

## PUBLICATIONS

**Knott PD**, Keller GS, Newman J, Apfelberg DA. A novel bioabsorbable device for facial suspension and rejuvenation. *Archives of Facial Plastic and Reconstructive Surgery*, 2009;11(2);129-35.

**Knott PD**, Dan O, Strome M. Induction with TCR antibody leads to long-term laryngeal allograft function. *American Journal of Otolaryngology*. 2008;29(6)396-402.

Nabili V, **Knott PD**. Advanced lip reconstruction; functional and aesthetic considerations. *Facial Plastic Surgery*, 2008;24(1)92-104.

**Knott PD**, Suh JD, Nabili V, Sercarz JA, Head C, Abemayor E, Blackwell KE. Evaluation of hardware-related complications in vascularized bone grafts with locking mandibular reconstruction plate fixation. *Archives of Otolaryngology/ Head and Neck Surgery*, 2007;133(12)1302-6.

**Knott PD**, Dan O, Strome M. RAD inhibition of sarcoma growth: Implications for laryngeal transplantation. *American Journal of Otolaryngology*. 2007;28(6)375-8.

**Knott PD**, Zins JE, Banbury J, Djohan R, Yetman RJ, Papay F. A comparison of dermabond tissue adhesive and sutures in the primary repair of the congenital cleft lip. *Annals of Plastic Surgery*. 2007; 58(2) 121-5.

**Knott PD**, Batra PS, Butler RS, Citardi MJ. Contour & paired-point registration in a model for image-guided surgery. *Laryngoscope*, 2006;116(10)1877-81.

**Knott PD**, Byrd MC, Hicks DG, Strome M. Vocal fold healing after laser cordectomy with adjuvant cryotherapy. *Laryngoscope*, 2006;116(9)1580-84.

**Knott PD**, Citardi MJ. Computer aided surgery: Concepts and applications in rhinology. *Otolaryngologic Clinics of North America*, 2006;39(3)503-22.

**Knott PD**, Milstein CF, Hicks DM, Abelson TI, Byrd MC, Strome M. Vocal outcomes after laser resection of early-stage glottic cancer with adjuvant cryotherapy. *Archives of Otolaryngology/ Head and Neck Surgery*, 2006;132(11)1226-30.

**Knott PD**, Khariwala SS, Minarchek J. Hemophilia B and free tissue transfer: Medical and surgical management. *Annals of Plastic Surgery*. 2005;54(3)336-8.

Khariwala SS, **Knott PD**, Dan O, Klimczak A, Siemionow M, Strome M. Pulsed Immunosuppression with Everolimus and anti-alpha-beta T-cell receptor: Laryngeal allograft preservation at six months. *Annals of Otolaryngology, Rhinology & Laryngology*, 2006;115(1)74-80.

**Knott PD**, Lorenz RR, Eliachar I, Murthy S. Reconstruction of a tracheo-bronchial tree disruption with bovine pericardium. *Interactive Journal of Cardiothoracic Surgery*. 2004;3:554-556.

**Knott PD**, Hazony D, Koltai PJ. A novel means of assessing pediatric craniofacial integrity: high frequency ultrasound. *Otolaryngology-Head and Neck Surgery*. 2004;131(6)851-855.

**Knott PD**, Maurer CR, Gallivan R, Roh HJ, Citardi MJ. Impact of fiducial distribution on headset-based registration in image-guided sinus surgery. *Otolaryngology-Head and Neck Surgery*. 2004;131(5)666-672.

Akst LM, Discolo C, Lee W, **Knott PD**, Koltai PJ. A stepped dose protocol of cidofovir therapy in recurrent respiratory papillomatosis in children. *Archives of Otolaryngology/Head and Neck Surgery*. 2003;129(8)841-846.

**Knott PD**, Gannon FH, Thompson LDR. Mesenchymal chondrosarcoma of the sinonasal tract: a clinicopathologic study and review of the literature. *Laryngoscope*. 2003;113(5)783-790.

**Knott PD**, Orloff L, Harris JP, Novak RE, Burns JC. Sensorineural hearing loss and kawasaki disease: a prospective study. *American Journal of Otolaryngology*. 2001;22(5)343-348.

## BOOK CHAPTERS

**Knott PD**, Hutcherson R, Keller GS. "Endoscopic browlifting: Contemporary concepts and conventions" in *Surgical Facial Rejuvenation: A roadmap to safe and reliable outcomes*, William Truswell, Ed, 2009, Thieme.

**Knott PD**, Keller GS. "Minimally invasive techniques in facial plastic surgery" in *Byrne's Atlas of Facial Plastic Surgery*, publication pending.

## ORAL PRESENTATIONS

*An update on maxillofacial trauma*, Hillcrest Hospital Trauma Grand Rounds, Mayfield Heights, OH January 2009.

*Facial Trauma: Contemporary diagnosis and treatment*, Cleveland Clinic Resident lecture series, November 2008.

*Surgical anatomy in facial rejuvenation*, UCLA lecture series, Los Angeles, CA March, 2007.

*Local flaps in facial reconstruction*, UCLA lecture series, Los Angeles, CA October, 2006.

*Vocal fold healing following laser cordectomy with adjuvant cryotherapy*. Middle Section of the Triological Society, San Diego, CA February, 2006.

*Contour-Based & Paired-Point Registration in a Model for Image-Guided Surgery*. American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, Los Angeles, CA September 2005.

*Everolimus Inhibition of MCA 205 Sarcoma Growth: A Murine Model*. Southern Section of the Triological Society, Miami, FL January, 2005.

*A Comparison of Dermabond Tissue Adhesive and Sutures in the Primary Repair of the Congenital Cleft Lip*. Plastics 2004, Philadelphia, PA October 2004.

*Immunosuppressive Efficacy of Combinational Everolimus and Tacrolimus in the Rat Laryngeal Transplant Model*. 6<sup>th</sup> International Head and Neck Surgery Conference, Washington, DC August 2004.

*Voice Quality and Laryngeal Function Outcomes After CO2 Laser Excision and Cryoablation for Treatment of Early Glottic Carcinoma.* 33<sup>rd</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA June 4, 2004.

*Immunosuppressive and Anti-proliferative Effectiveness of Everolimus.* Northeast Ohio Otolaryngology-Head and Neck Surgery Society, Cleveland, OH May 2004.

*Impact of Fiducial Distribution on Headset Registration in Image-Guided Sinus Surgery.* American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, Orlando, FL September 2003.

*Long Term Effect of Rigid Fixation in a Child With Massive Maxillofacial Trauma.* AO-ASIF Advanced Symposium on Craniomaxillofacial Reconstruction, Steamboat Springs, CO February 2002.

## **POSTER PRESENTATIONS**

*Short-term Therapy with  $\alpha\beta$ -TCR and Tacrolimus Leads to Long-term Laryngeal Transplant Function.* American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, New York, NY September 2004.

*Immunosuppressive Efficacy of Everolimus and Tacrolimus Combined Therapy in the Rat Laryngeal Transplant Model.* Transplant Research Day, University Hospitals of Cleveland, OH May 2004.

*A Comparison of Dermabond Tissue Adhesive and Sutures in the Primary Repair of the Congenital Cleft Lip.* Ohio Valley Plastic and Reconstructive Surgery Conference, Cleveland, OH May 2004.

*Hemophilia B and Free Tissue Transfer: Medical and Surgical Management.* Middle Section of the Triological Society, Marco Island, FL January 2004.

*Reconstruction of a Tracheo-Bronchial Tree Disruption With Bovine Pericardium.* American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, Orlando, FL September 2003.

*A Novel Means of Assessing Pediatric Craniofacial Integrity: High Frequency Ultrasound.* American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting, Orlando, FL September 2003.

## **PROFESSIONAL SOCIETIES**

Member, American Academy of Otolaryngology-Head and Neck Surgery.

Member, American Academy of Facial Plastic and Reconstructive Surgery.

Member, American Rhinologic Society.

## **LANGUAGES**

Fluency in English and Swedish.

Proficiency in Spanish, French and German.