

Alison Kaye, MD

Biographical

Birthplace Tulsa, OK

Business Address Children's Mercy Hospital and Clinics
Plastic and Reconstructive Surgery
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Education

California Institute of Technology September, 1992 –
Pasadena, CA June, 1996
Bachelor of Science in Biology and History

University of Pennsylvania School of Medicine August, 1997 –
Philadelphia, PA May, 2002
Doctor of Medicine

Post-Graduate Training

Children's Hospital of Philadelphia June, 2001 –
Philadelphia, PA June, 2002
Research Fellow, Division of Plastic of Surgery

University of Pennsylvania July, 2002 –
Philadelphia, PA June, 2008
Resident, 6-year combined General Surgery/Plastic Surgery Program

Children's Hospital of Philadelphia July, 2008 –
Philadelphia, PA present
Fellow, Pediatric Plastic Surgery

Honors and Awards

University of Pennsylvania School of Medicine History of Medicine Prize 1998

Junior Investigator Award, Annual Meeting of the American Cleft Palate-
Craniofacial Association in Seattle, WA 2002

Grants

Research Grant, University of Pennsylvania Center for Human Appearance for Facial
Trauma – Differences in Subspecialty Management Protocols for Facial Fractures 2007

Work Experience and Extracurricular Activities

Clinical Research Coordinator, “Diffuse Optical Tomography of the Breast” University of Pennsylvania Department of Physics	2000
Teaching Assistant, Gross Anatomy, University of Pennsylvania School of Medicine	2000, 2001
Director Agnew Surgical Society, University of Pennsylvania School of Medicine	2001
Anatomy Instructor, University of Pennsylvania School of Medicine	2008
International Outreach: Casa Azul Cleft Lip and Palate Clinic, Monterrey, Mexico	2008

Medical Licensure

Pennsylvania State Medical License	2005 - present
Missouri State Medical License	2008 - present
Kansas State Medical License	2009 - present

Membership in Professional Societies

American Cleft Palate – Craniofacial Association	2009 - present
American Society of Plastic Surgeons Candidate Member	2008 - present

Publications

Refereed Articles

Kaye AE, Belz JM, Kirschner RE. Pediatric Dog Bite Injuries: A 5 Year Review of the Experience at the Children’s Hospital of Philadelphia. *Plastic and Reconstructive Surgery*. 124(2):551-58, 2009 Aug.

Kaye AE, Wu LC, Serletti JM. Fat Necrosis in Microvascular Breast Reconstruction: An Assessment and Comparison of SIEA, DIEP, and Muscle-Sparing Free TRAM methods. (Submitted, *Plastic and Reconstructive Surgery* July, 2009)

Kaye AJ, **Slemp AE**, Chang B, Mattei P, Fairman R, Velazquez OC. Complex Vascular Reconstruction of Abdominal Aorta and its Branches in the Pediatric Population. *Journal of Pediatric Surgery*. 43(6):1082-8, 2008 Jun.

Lin IC, **Slemp AE**, Hwang C, Sena-Esteves M, Nah, HD, and RE Kirschner. Dihydrotestosterone Stimulates Proliferation and Differentiation of Fetal Calvarial Osteoblasts and Dural Cells and Induces Cranial Suture Fusion. *Plastic and Reconstructive Surgery*. 120(5):1137-47, 2007 Oct.

Kirschner RE, Cabiling DS, **Slemp AE**, Siddiqi F, LaRossa DD. Losee JE. Repair of Oronasal Fistulae with Acellular Dermal Matrices. *Plastic and Reconstructive Surgery*. 118(6):1431-40, 2006 Nov.

Slemp AE, Kirschner RE. Keloids and Scars: A Review of Keloids and Scars, their Pathogenesis, Risk Factors, and Management. *Current Opinion in Pediatrics*. 18(4):396-402, 2006 Aug.

Lin IC, **Slemp AE**, Hwang C, Karmacharya J, Gordon AD, Kirschner RE. Immunolocalization of Androgen Receptor in the Developing Craniofacial Skeleton. *Journal of Craniofacial Surgery*. 15(6):922-7; 2004 Nov.

Culver JP, Choe R, Holboke MJ, Zubkov L, Durduran T, **Slemp A**, Ntziachristos V, Chance B, Yodh AG. Three-Dimensional Diffuse Optical Tomography in the Parallel Plane Transmission Geometry: Evaluation of a Hybrid Frequency Domain/Continuous Wave Clinical System for Breast Imaging. *Medical Physics*. 30(2):235-47, 2003 Feb.

Losee JE, Karmacharya J, Gannon FH, **Slemp AE**, Ong G, Hunenko O, Gordon AD, Bartlett SP, Kirschner RE. Reconstruction of the Immature Craniofacial Skeleton with a Carbonated Calcium Phosphate Bone Cement: Interaction with Bioresorbable Mesh. *Journal of Craniofacial Surgery*. 14(1):117-24, 2003 Jan.

Book Chapters

Jackson O, **Kaye A**, Bartlett SP. Pediatric Facial Trauma, in Goldberg, Lee, and Murr (eds), *Head and Neck Trauma*, New York: Informa Healthcare, 2009 (in Press)

Kirschner RE and **Kaye AE**. Pierre Robin Sequence, in Losee J and Kirschner R (eds), *Comprehensive Cleft Care*, McGraw Hill 2008.

Presentations at Professional Meetings

Kaye AE, Kaye AJ, Pahk B, McKenna M, Low DW. Sternal Wound Reconstruction: Indications and Outcomes in Special Cardiac Populations. Accepted for Podium Presentation at the 26th Annual Meeting of the Northeastern Society of Plastic Surgeons in Charleston, September, 2009.

Kaye AE, Cohen MA, Jackson O, Solot C, Kirschner RE, LaRossa D. Borderline Velopharyngeal Insufficiency After Furlow Palatoplasty: 18-year Follow-Up. Presented at the 66th Annual Meeting of the American Cleft Palate and Craniofacial Association in Scottsdale, AZ, April, 2009.

Kaye AE, Kaye AJ, Hill LM, Kim PK, Bartlett SP. Strategies in Facial Fracture Management: Specialty-Specific Differences. Presented at the 39th Annual Meeting of the Western Trauma Association in Crested Butte, CO, February, 2009.

Kaye AE, Kaye AJ, Blinman TA, Kim PK, Nance ML, Chang BC. Pediatric Vascular Injuries: The Need for Microsurgical Expertise. Presented at the 2009 Annual Meeting of the American Society for Reconstructive Microsurgery in Maui, HI, January, 2009.

Kaye AJ, **Kaye AE**, Nance ML, Kim PK, Chang BC, Blinman TA. Pediatric Vascular Emergencies: What are our practices? Presented at the 94th Annual Clinical Congress of the American College of Surgeons in San Francisco, CA, October, 2008.

Kaye AE, Wu LC, Serletti JM. Fat Necrosis in Microvascular Breast Reconstruction: An Assessment and Comparison of SIEA, DIEP, and Muscle-Sparing Free TRAM methods. Presented at the 2008 Robert H. Ivy Society of Plastic Surgery in Valley Forge, PA, April, 2008.

Kaye AE, Jackson OH, Low DW. Soft Triangle Crescent Excision: A User-Friendly Approach to the Correction of Cleft Nasal Deformity. Presented at the Aesthetic Facial Reconstruction in Adults and Children Symposium in Tuscon, AZ, February, 2008.

Slemp AE, Belz JM, Kirschner RE. Pediatric Dog Bite Injuries – A 5 year Review of the Experience at the Children’s Hospital of Philadelphia. Presented at the American Society of Plastic Surgeons Senior Resident’s Conference in Washington, DC, February, 2008.

Slemp AE, Wu LC, Serletti JM. Fat Necrosis in Microvascular Breast Reconstruction: An Assessment and Comparison of SIEA, DIEP, and Muscle-Sparing Free TRAM methods. Presented at the 2008 Meeting of the American Society for Reconstructive Microsurgery in Beverly Hills, CA January, 2008.

Belz JM, **Slemp AE**, Kirschner RE. Pediatric Dog Bite Injuries – A 5 year Review of the Experience at the Children’s Hospital of Philadelphia. Presented at the 76th Annual Meeting of the American Society of Plastic Surgeons in Baltimore, MD, October, 2007.

Kaye AJ, **Slemp AE**, Chang B, Mattei P, Fairman R, Velazquez OC. Complex Vascular Reconstruction of Abdominal Aorta and its Branches in the Pediatric Population. Presented at the Annual Meeting of the American Academy of Pediatrics in San Francisco, CA, October, 2007.

Slemp AE, Hwang C, Sena-Esteves M, Kirschner RE. Toward an Understanding of Non-Syndromic Craniosynostosis: Influence of Androgens on Fetal Dura and Calvarial Bone. Presented at the 71st Annual Meeting of the American Society of Plastic Surgeons in San Antonio, TX, November, 2002.

Slemp AE, Hwang C, Karmacharya JJ, Bleier BS, Kirschner RE. Temporospatial Expression of Androgen Receptors in the Fetal Craniofacial Skeleton. Presented at the 88th Annual Clinical Congress of the American College of Surgeons in San Francisco, CA, October, 2002.

Slemp AE, Siddiqi F, Kirschner RE. Closure of Palatal Fistulas Using Acellular Dermal Grafts. Presented at the Annual Meeting of the Northeastern Society of Plastic Surgeons in Bermuda, October, 2002.

Slemp AE, Emanuel BS, Minugh-Purvis N, LaRossa D, Zackai EH, McDonald-McGinn D, Kirschner RE. Craniofacial Dysmorphology in 22q11.2 Deletion Syndrome: An Anthropometric Analysis. Presented at the 59th Annual Meeting of the American Cleft Palate and Craniofacial Association in Seattle, WA, May, 2002.

Singh D, **Slemp A**, Birgfeld C, Kirschner R, Solot C, Cohen M, LaRossa D. Borderline Velopharyngeal Insufficiency After Cleft Palate Repair: What Happens Over Time? Presented at the 59th Annual Meeting of the American Cleft Palate and Craniofacial Association in Seattle, WA, May, 2002.

Slemp AE, Siddiqi F, Kirschner RE. Repair of Palatal Fistulas Using Acellular Dermal Grafts. Presented at the 47th Annual Meeting of the Plastic Surgery Research Council in Boston, MA, April, 2002.

Slemp AE, Hwang C, Sena-Esteves M, Kirschner RE. Toward an Understanding of Non-Syndromic Craniosynostosis: Influence of Androgens on Fetal Dura and Calvarial Bone. Presented at the 47th Annual Meeting of the Plastic Surgery Research Council in Boston, MA, April, 2002.

Current Research and Works in Progress

Pediatric Vascular Emergencies: What are our practices? (Work in progress with Kaye AJ, Nance ML, Kim PK, Chang BC, Blinman TA.)

Borderline Velopharyngeal Insufficiency After Furlow Palatoplasty. (Work in progress with Cohen MA, Jackson O, Solot C, Kirschner RE, LaRossa D)

Strategies in Facial Fracture Management: Specialty-Specific Differences. (Work in Progress with Kaye AJ, Hill LM, Kim PK, Bartlett SP)