

CURRICULUM VITAE

ROBERT E. SMITH II, M.D.

Col(ret), USAF, MC, SFS

CONTACT INFORMATION

Medical Director, [LASIKPlus Dallas](#)

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CURRENT POSITIONS

Medical Director, LASIKPlus, Dallas
USAF Surgeon General Consultant, Cornea/Refractive Surgery
VISX Refractive Laser System National Trainer

EDUCATION

High School: Altus High School, Altus, OK
Valedictorian, 1978

Undergraduate: United States Air Force Academy, USAFA, CO
B.S. - Chemistry, 1982
Distinguished Graduate (top 1%)

Professional: University of Michigan Medical School, Ann Arbor, MI
M.D., 1986

Internship: Wilford Hall USAF Medical Center, Lackland AFB, TX
Internal Medicine, 1986-87

Residency: Wilford Hall USAF Medical Center, Lackland AFB, TX
Ophthalmology, 1993-1996, Chief Resident, 1996

Fellowship: Emory University, Atlanta, GA
Cornea, External Disease; Refractive Surgery, 1998-00

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CERTIFICATION/LICENSURE

Diplomat, National Board of Medical Examiners, Nov 1987

Medical Licensure, State of Texas, No. M3742

Medical Licensure, State of Michigan, No. 052928

Medical Licensure, State of Georgia, No. 045628

Board Certified, American Board of Ophthalmology, Nov 1997, recert Nov 2007

PROFESSIONAL/MILITARY EXPERIENCE

1987-1988	Flight Surgeon Aerovac Squadron, Scott AFB IL
1988-1989	Chief, Flight Medicine 35th Tactical Fighter Squadron, Kunsan AB, Korea
1989-1993	Chief, Aeromedical Services USAF Brooks Clinic, Brooks AFB, TX
1993-1996	Resident, Ophthalmology WHMC, Lackland AFB, TX
1996-1998	Staff, Aerospace Ophthalmology USAF PRK Project Manager Brooks AFB, TX
1998-2000	Cornea/Refractive Surgery Fellow/Associate Professor Dept of Ophthalmology Emory University Atlanta, GA
2000-2006	Director, USAF Warfighter Refractive Surgery Center Program Manager, USAF Warfighter Refractive Surgery USAF Surgeon General Refractive Surgery Consultant Chief, Cornea / Refractive Surgery Dept of Ophthalmology, Wilford Hall Medical Center Lackland AFB, TX

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MILITARY TRAINING COURSES

Aerospace Medicine Primary Course	1987
Combat Casualty Care Course	1987
Global Medicine Course	1988
Hyperbaric Medicine Course	1990
Operational Aeromedical Problem Course	1990
USUHS Cataract Course	1995
AFIP Pathology Course	1995
USUHS Ocular Trauma Course	1996/2001 (Instructor)

ACADEMIC APPOINTMENTS

Associate Clinical Professor of Ophthalmology
Wilford Hall USAF Medical Center, Lackland AFB, TX (1996-1998; 2000-present)
University of Texas Health Science Center, San Antonio, TX (2000 – present)
Emory University Eye Center, Atlanta, GA (1998-2000)

Teaching Staff (1996-1998)
USAF School of Aerospace Medicine
Dept of Ophthalmology
Brooks AFB, TX

MEMBERSHIPS

American Academy of Ophthalmology
American Society of Cataract and Refractive Surgery
Society of Medical Consultants to the Armed Forces
Texas Medical Association
Dallas Medical Society
Association of Graduates, USAF Academy

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MILITARY/PROFESSIONAL HONORS

Awarded USAF Achievement Medal, 1988, 2002

Awarded USAF Commendation Medal, 1989

Awarded USAF Meritorious Service Medal, 1993, 1998, 2004

Selected as Outstanding Junior Officer, Brooks AFB Clinic, 1992

Nominated as Outstanding Air Material Command Flight Surgeon, 1993

Surgeon General's Award, Most Outstanding Ophthalmology Paper, 1993

San Antonio Gordon Award, Outstanding Ophthalmology Paper, 1993

San Antonio Gordon Award, Outstanding Ophthalmology Paper, 1996

Selected as Project Officer, USAF Photorefractive Keratectomy Program, 1996

Awarded National Eye Institute Research Grant, 2000

Selected USAF Surgeon General Consultant for Refractive Surgery, Jun 2001

Certified VISX National Trainer, Jun 2001

Selected as Program Manager, USAF Refractive Surgery Program, Jun 2001

DECORATIONS

USAF Meritorious Service Medal, 3 devices

USAF Commendation Medal

USAF Achievement Medal, 2 devices

National Defense Service Medal

USAF Outstanding Unit Citation, 3 devices

USAF Organizational Excellence Award

USAF Longevity Award

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PUBLICATIONS

1. Smith RE, Carlson DW: Intravenous pyelography contrast media acutely lowers intraocular pressure. Invest Ophthal Vis Science 1994; 35:1387.
2. Smith RE, Reed JB, Waller SG: Pilocarpine effects on corneal topography. Invest Ophthal Vis Science 1995; 36:S950.
3. Reed JB, Smith RE, Lattuada C, et al: *Rochalimaea henselae* stellate neuroretinitis responds to antibiotics. Invest Ophthal Vis Science 1995; 36:S611.
4. Wong MT, Dolan MJ, Smith RE, et al: Manifestations of R. Henselae infection. Infectious Disease Clinics 1996
5. Smith RE, Waller SG, Dixon PS, et al: Effect of mitomycin C on viability and proliferation of cultured human pterygia fibroblasts. Invest Ophthal Vis Science 1996; 37:S79.
6. Smith RE, Caster JC, Angle BN, et al: Corneal abnormalities detected by videokeratography in USAF Pilot candidates. Invest Ophthal Vis Science 1997; 38:S847.
7. Smith RE, Rashid ER, Waring GO: Complications of Incisional Keratotomy. In Steinert RF, Thompson V, Wu H (eds): Refractive Corneal Surgery 1999.
8. Collins MJ, Carr JD, Smith RE, et al: Effects of LASIK on the corneal endothelium 3 years postoperatively. Am J Ophthalmol. 2001 Jan; 131(1):1-6.
9. Waller S, Ivan D, Smith R: Refractive Surgery for Aviators: Policy, Practice and International Issues. International Review of the Armed Forces Medical Services 2002; 75/4:208-10.

POSTERS

1. Pilocarpine Effects on Corneal Topography: Smith RE, Reed JB, Waller SG; presented at American Society of Cataract and Refractive Surgery meeting Apr 1995, and the Association for Research in Vision and Ophthalmology ARVO, May 1995.
2. Contact Lens Related Complications in Basic Military Trainees: Casey P, Smith RE, Waller SG; Uniformed Services Recruit and Trainee Healthcare Symposium, Apr 1996.
3. Effect of Mitomycin C on Viability and Proliferation of Cultured Human Pterygia Fibroblasts: Smith RE, Waller SG, Dixon PS, et al; ARVO, Apr 1996.
4. Corneal Abnormalities Detected by Videokeratography in USAF Pilot Candidates: Smith RE, Caster JC, Angle BN, et al; ARVO, May 1997.
5. LASIK Effects on the Corneal Endothelium: 3 Year Results: Collins MJ, Smith RE, Waring GO, et al; ARVO, May 1999.
6. Intraoperative Complication Comparison Between the Automatic Corneal Shaper and the Hansatome: Smith RE, Waring GO, Stultling RD, et al; ARVO, May 2000.

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PRESENTATIONS

1. "Intravenous Pyelography Contrast Media Acutely Lowers Intraocular Pressure," Association for Research in Vision and Ophthalmology, Sarasota, FL, May 1994; Society of Air Force Clinical Surgeons, San Antonio, TX, Apr 1994.
2. "Pilocarpine Effects on Corneal Topography," Society of Air Force Clinical Surgeons, Dayton, OH, Apr 1995.
3. "Introduction to First Assisting in Cataract Surgery: Instrumentation," Joint Commission on Allied Health Personnel in Ophthalmology, San Antonio, TX, Mar 1996.
4. "Effect of Mitomycin C on Viability and Proliferation of Cultured Human Pterygia," World Congress on the Cornea IV, Orlando, FL, Apr 1996; Society of Air Force Clinical Surgeons, San Antonio, TX, Apr 1996.
5. "LASIK: the Emory System," Society of Air Force Clinical Surgeons, San Antonio, TX, Apr 1999.
6. "Microkeratome Intraoperative Complication Comparison," American Society of Cataract and Refractive Surgery, Boston, MA, Apr 2000.
7. "Introduction of the USAF PRK Study" AsMA, Montreal, Canada, May 2002
8. "The Assessment of Statistical, Clinical, and Operational Significance," AsMA, Montreal Canada, May 2002
9. "Complication Profile Following Myopic PRK in the USAF PRK Study," AsMA, Montreal, Canada, May 2002
10. "The US Air Force PRK Study: Visual Acuity Results and Refractive Errors of Participants," AsMA, Montreal, Canada, May 2002
11. "Contrast Sensitivity, Glare, and PRK: A Progress Report for Several Groups of Evaluatees," AsMA, Montreal, Canada, May 2002
12. "Low Contrast Acuity with Dilated Pupils before and after PRK," AsMA, Montreal, Canada, May 2002
13. "Post PRK Monitoring of Corneal Haze with a Non-invasive Measurement of Optical Backscatter," AsMA, Montreal, Canada, May 2002
14. "Pre/Post PRK Refractive and Corneal Effects Secondary to High Altitude Exposure," AsMA, Montreal, Canada, May 2002
15. "Visual Acuity with Night Vision Goggles before and after PRK, Two year Follow-up," AsMA, Montreal, Canada, May 2002
16. "Pre/Post PRK Refractive and Corneal Effects Secondary to +Gz Exposure," AsMA, Montreal, Canada, May 2002

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17. "The Simulated Cockpit to Validate Operational Visual Performance after PRK Refractive Correction in USAF Personnel," AsMA, Montreal, Canada, May 2002
18. "The Results and Conclusions of the USAF PRK Study," AsMA, Montreal, Canada, May 2002
19. "The USAF Refractive Surgery Experience," 2002 ROC Aerospace Medical Association Meeting, Taipei, Taiwan, Mar 2002
20. "Wavefront Technology in USAF Refractive Surgery," 2002 ROC Aerospace Medical Association Meeting, Taipei, Taiwan, Mar 2002
21. "Refractive Surgery in the USAF", South America Aviation Medicine Conference, Buenos Aires, Argentina, Aug 2002.
22. "Refractive Surgery in USAF Aircrew", NATO Research Technology Organization Conference, Ramstein, Germany, Mar 2004.
23. "Wavefront vs. Standard PRK using the VISX Platform", SAFCS, San Francisco, CA, Apr 2004
24. "Refractive Surgery in the US Military", AAO, New Orleans, LA, Oct 2004
25. "Wavefront PRK in USAF Aviators", Hawaiian Eye, HI, Jan 2005
26. "Wavefront PRK and LASIK in US Military", Houston, TX, Feb 2005
27. "Refractive Surgery Impact in Operation Iraqi Freedom", ASCRS, Wash DC, Apr 2005
28. "Wavefront Guided LASIK in USAF Aviators", ASCRS, Wash DC, Apr 2005
29. "Wavefront Guided LASIK in USAF Aviators", Hawaiian Eye, HI, Jan 2006

RESEARCH CONTRIBUTIONS

1. USAF Photorefractive Keratectomy Study, Principal Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
2. Aided Night Visual Acuity Study (ANVAS), Principal Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
3. USAF Keratoconus Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
4. Laser Corneal Haze Analyzer Study, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
5. USAF IOL Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8

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6. USAF Ocular Trauma Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
7. USAF Microtropia Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
8. USAF Ocular Hypertension / Glaucoma Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 96-98
9. USAF Idiopathic Central Serous Chorioretinopathy Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
10. USAF Retinal Detachment Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
11. USAF Optic Neuritis Study Group, Associate Investigator, Armstrong Lab, Brooks AFB, TX, 1996-8
12. Collaborative USAF/Navy PRK NVG Study, 1997
13. Collaborative USAF/Navy Wavefront PRK/LASIK FDA Study, 2003
14. USAF LASIK Altitude Study, 2004